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DEAR COLLEAGUES,

On behalf of the European Academy of Neurology and the Danish Society of Neurology, we are pleased to invite you to the 2nd Congress of the European Academy of Neurology (EAN) taking place in Copenhagen from May 28 - 31, 2016. The first highly successful meeting of the EAN in Berlin left us with valuable experiences that have been used to optimize our second annual meeting. You will meet innovations in the teaching courses and the programme outline. EAN has instituted three named lectures (Romberg, Golgi and Brown-Séquard), which will be presented for the first time during the presidential symposium. The congress will certainly also cover all the well-established formats for scientific exchange. The Copenhagen Bella Congress Center has outstanding facilities for lectures, small group teaching courses, exhibition and for scientific exchange, but also enough space for meeting colleagues and making new friends.

Denmark is renowned for the Little Mermaid, Hans Christian Andersen, Niels Bohr and Danish design. Today however, the “New Nordic Cuisine” as well as TV series like “Borgen” and “The Bridge” have taken over as “Danish Trademarks”. Landing at Copenhagen airport, you will have a wonderful view of “The Bridge” and on the ground again, you may visit “Borgen”, the Danish Parliament. In between is the newly modernised Bella Center, the venue of EAN 2016, with easy and fast transfer to both the city centre and the airport. The coastal area of southern Sweden – with the important cities of Malmö and Lund – is developing into one metropolitan area with Copenhagen, and thousands of citizens of both nationalities commute over the bridge every day. Copenhagen is one of the most vivid cities in northern Europe.

At the EAN congress 2016 you will interact with your European network, you will be absorbed in Academia, and you will be thrilled by Neurology.

Welcome to Copenhagen 2016!

Sincerely yours,

Mads Ravnborg
PRESIDENT OF THE DANISH NEUROLOGICAL SOCIETY

Günther Deuschl
PRESIDENT OF THE EUROPEAN ACADEMY OF NEUROLOGY

ABOUT EAN

The European Academy of Neurology (EAN) has been founded on the initiative of the European Neurological Society (ENS) and the European Federation of Neurological Societies (EFNS), who both consider it essential to have one joint professional and scientific Neurology organisation in Europe. EAN shall provide the essential infrastructure together with the organisational framework for the support and development of neurological education and research in Europe. The Aim of EAN (European Academy of Neurology) is Excellence in Neurology in Europe

EAN is a non-profit organisation and identifies itself with the following five values:

- Professionalism. EAN will strive to reach the highest scientific standards and to deliver unbiased information in its research and educational activities.
- High ethical standards. EAN will apply high ethical standards in all its activities within science, education, liaison, and administration, complying with applicable regulations and codes of ethics.
- Involvement. EAN will strive to involve its members and collaborators in the organisation of research, education and liaison activities.
- Independence. EAN will operate as a professional and scientific organisation, independent from the political or commercial interests of external companies or organisations.
- Transparency. EAN will provide transparency in the organisation of all its scientific and administrative activities.

The EAN is an organisation of:
- 47 European national neurological societies
- 800 individual members
- 9 corresponding member societies

The EAN consists of:
- an Assembly of Delegates of institutional and individual delegates
- elected officers
- 4 committees (+ 2 sub-committees)
- 31 Scientific Panels
BOARD

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**VICE PRESIDENT**
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**MEMBER AT LARGE**
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**CO-CHAIR:**
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Ljiljana Beslaci-Bumbaširević, SERBIA
Valeria Caso, ITALY
Hannah Cock, UK (CHAIR EDUCATION COMMITTEE)
Marianne Dieterich, GERMANY
Antonio Federico, ITALY (CHAIR SCIENTIFIC COMMITTEE)
Theodor Landis, SWITZERLAND (CHAIR TEACHING COURSE SUB-COMMITTEE)
Philip Scheltens, THE NETHERLANDS
Aksel Siva, TURKEY
Riccardo Soffietti, ITALY
Guido Stoll, GERMANY
Joaquim Ferreira, PORTUGAL (MDS-ES REPRESENTATIVE)

LOCAL ORGANISING COMMITTEE

**CHAIR:**
Mads Henrik Ravnborg

Karen Aegidius
Lars Bendtsen
Marie Bruun
Jakob Christensen
Jesper Erdal
Daniel Kondziella
Hanne Krarup Christensen
Christina Rostrup Kruse
Per Soelberg Sørensen
Gunhild Waldemar

TEACHING COURSE SUB-COMMITTEE

**CHAIR:**
Theodor Landis, SWITZERLAND

Anish Bahra, UK
Gilles Edan, FRANCE
Oleg Levin, RUSSIAN FEDERATION
Erich Schmutzhard, AUSTRIA
Claudia Sommer, GERMANY
Marie José D. Vidailhet, FRANCE
Viktoria Papp, DENMARK (REPRESENTATIVE RRFS)
EAN MEMBERSHIP INFORMATION

Become an EAN individual member and benefit from the following:
• reduced membership fee at the annual congresses
• active and passive voting rights at the Assembly of Delegates of the EAN
• possibility to participate in EAN Committees and Scientific Panels
• free online access to the online learning platform eBrain
• free online access to the European Journal of Neurology
• free online access to the guidelines
• access to educational grants (if applicable)
• right to purchase the European Journal of Neurology (EJN) at a reduced rate
• a membership certificate
• monthly mailshots of the EAN electronic newsletter Neuropenews
• one free Teaching Course at EAN annual congresses
• free access to VIP (catering) area at EAN annual congresses
• free access to selected congress webcasts on the website after the congress
• NEW: AAN shared Membership:

If you are an AAN Member, you are eligible of a 10% discount off your EAN Individual Membership fee. In reverse, all EAN members receive a 10% discount when applying for AAN membership.

INDIVIDUAL MEMBERSHIP CATEGORIES:

Full Individual Member:
Neurologists who are nationals of any EAN member country; and/or neurologists practicing in any EAN member country including neurologists in training.

Resident and Research Fellow (RRF):
Physicians in training can become individual members of the EAN via the EAN Resident and Research Fellow Section at a reduced fee. Residency has to be proven annually by a signed confirmation of the physician in charge of the residency programme.

Corresponding Individual Member:
• Neurologists who are nationals of and practice in countries other than EAN member countries and/or Health Professionals
• and/or Scientists of other specialities or professions related to Neurology

Undergraduate Student:
Undergraduate medical students can become individual members. They need to explain their special interest in neurology and the purpose why they request membership.

Retired Member:
Neurologists who are retired from their professional work but like to keep in touch and benefit from the various EAN membership highlights.

FELLOW OF THE EAN (FEAN)
The title ‘Fellow of the EAN’ acknowledges a limited number of neurologists who are full individual members and who deserve a special recognition of the EAN because of:
• a scientific achievement that places them within the European leaders in their field, or
• significant and continuing service in a leadership position for of a European or World society for neurology or neurological subspecialty society, or
• a service for neurological patients that is considered exceptional

Fellow of the EAN is a title honouring special service to neurology and the Society.

Please apply by sending your application form and CV (in English) to the EAN Head Office: membership@ean.org

Forms can be downloaded online or be sent to upon request.
EDUCATION INFORMATION

CLINICAL FELLOWSHIP 2017
APPLICATION DEADLINE: OCTOBER 31, 2016

The purpose of this award is to provide a well-defined observational clinical practice, service structure or technical experience to support training. The grant is to support a visit of six weeks duration.

Each grant is amounting to € 1,500.-/month (plus travel expenses of up to € 300.-)

A list of approved hosting departments (and details for interested hosts of how to apply) is available on www.eaneurology.org

Candidates from all EAN member (and associate member) countries are eligible to apply. Applicants must be current residents with a minimum of 2 – 8 years training in neurology, or have obtained their board certificate/completed training within the last 3 years at the time of application; be fluent in English or the local language (host department).

Awardees from previous years (applies also to former D-D programme) are no more qualified.

All application documents must be submitted by October 31 2016 by email to Ms. Magda Dohnalová:
E-MAIL: dohnalova@ean.org

Application is open between 1 August and 31 October 2016.

EAN RESEARCH FELLOWSHIP 2017
APPLICATION DEADLINE: AUGUST 31, 2016

In 2017, the EAN will offer up to 8 research experience or training fellowships. The research work must be carried out at a European academic neurological department outside the country of residence. The purpose is to support training and experience for European Neurologists in any area of basic or clinical or applied research in neuroscience. All applications should demonstrate experience/training of clear value to the home department/individual beyond that available in their own country/institutions. Successful applicants will be awarded € 2,000.- per month.

Research training fellowship: Expected to be of 12 months duration, to lead either to completion of a higher degree, a grant application or peer-reviewed publication.

Research experience fellowship: Expected to be of at least 6 months duration for individuals who might otherwise not have the opportunity to gain high quality research experience; more experienced clinicians/researchers requiring training in a specific research methodology or technique not currently available in their own country and of clear value to home department will also be considered. Candidates from EAN member countries and affiliated to a European academic neurological department with a minimum of 2 years neurology training, up to a maximum of 5 years beyond their final degree (PhD, MD, or equivalent) at the time of application are eligible to apply. Applicants and hosts are expected to have consulted and worked together on any application to maximise the likelihood of success. All application documents must be submitted by August 31 2016 by email to Ms. Julia Mayer: E-MAIL: fellowship@ean.org

EAN SPRING SCHOOL 2017
MAY 11-14, 2017
APPLICATION DEADLINE: JANUARY 31, 2017

Preliminary Programme:
1. Multiple sclerosis
2. Inflammatory neuropathies
3. Stroke

Participants can prepare their own cases for presentation and discussion, including video if appropriate and the patient has consented. Contributions to the optimal organisation of neurological care, neurological services and postgraduate education throughout Europe will be presented.

Location:
Hotel Bezděz
Lazensky Vrch 216
471 63 Staré Splavy
Czech Republic

This site is situated in North Bohemia, about 90 km from Prague, on the shore of the romantic Macha Lake. A half-day trip to Prague is planned. All applicants must be neurologists in training (not yet completed residency/clinical speciality training) who will have had at least 2 years of clinical experience by the time of the course, and who are able to attend the full course. Participants nominated for attendance by their national neurological societies will be prioritised, but individual applications are also welcome up to the full capacity. Where oversubscribed, the selection process will take into account geographical and gender balance, and unsuccessful applications in previous years. Awardees from previous years are no more qualified.

Accommodation, tuition, board and programme are sponsored by the EAN. Participants pay only for their travel. All participants will receive a manuscript CD-ROM and a certificate after having finished the course. All application documents must be submitted by January 31 2017 by email to Ms. Magda Dohnalová E-MAIL: dohnalova@ean.org

Applications open between 1 October 2016 and 31 January 2017.
CME ARTICLES
Each month a CME article is published in the European Journal of Neurology and on the EAN website. Answer 5 article-related questions correctly and receive a certificate recommending one hour of CME.

Please register on the EAN website for free-of-charge access to all e-learning features and the online version of the European Journal of Neurology.

EBRAIN
ebrain represents the world’s largest, most comprehensive web-based training resource in clinical neuroscience designed to support training and continuous professional development for clinical neuroscience trainees, consultants and non-specialists. It is free-of-charge for EAN members. For log-in data, please contact education@ean.org. The multimedia-rich, engaging materials are designed to enhance traditional learning, support existing teaching methods and provide a valuable reference point that is accessible anytime, anywhere.

The online training content comprises approximately 20 modules of e-learning, with each of the 550+ individual lessons taking around 20 minutes to complete. www.ebrainJNC.com

GUIDELINE PAPERS
Included in the EJoN, the Handbook as well as FREE OF CHARGE access for EAN members via the Guidetive Reference Center the EAN website.

EAN REGIONAL TEACHING COURSES (RTC)
EAN RTCs are specially designed for the purpose to bring neurological standards directly to those countries that are seeking EAN support in education and to avoid that our colleagues in training have to travel to expensive congresses. In the past, these courses were in the Eastern European Regions as well as in Sub-Saharan Africa. RTCs provide basic teaching in neurology and thus also establish friendly relations with the colleagues still in training or wishing to expand their knowledge.

The 3-day courses are organised by the local host together with the EAN Teaching Course sub-committee. Plenary sessions in the morning are followed small tuitional groups in the afternoon. Each day is dedicated to one topic plus various themes on the third day. The exam quiz as well as certificates will be made available to all participants.

RESIDENT AND RESEARCH FELLOW SECTION
Residents and research fellows section of the European Academy of Neurology (EAN-RRFS) represents the junior generation of neurologists within EAN. Our members are physicians currently working as a resident in Neurology, research fellow, PhD student or neurologist with not more than 3 years of practice after completion of the residence training. Application for membership should be sent to rrfs@ean.org, further information is provided on the EAN homepage. The aims of RRFS are to support neurology trainees in their clinical training or research, to promote network between European junior neurologists and different generations of neurologists. Our program during the 2nd Congress of the European Academy of Neurology in Copenhagen 2016:

THE RRFS BOOTH will welcome you during the whole congress. Here, you can receive information on how to become an RRFS member and regarding the benefits of the membership.

RRFS HOSPITAL VISIT (max. 100 participants) on Sunday, 29 May 2016 will be organised in co-operation with the Danish Young Neurologist Society. We are going to meet 18.00-18.15 in front of the registration desk. We will visit the Rigshospital - University Hospital followed by a get-together. Registration is available via facebook or by contacting rrfs@ean.org or at the RRFS booth at the congress.

RRFS ASSEMBLY on Monday, 30 May 2016 in Room B4M2 at 16.45-18.15.

RRFS SPECIAL SESSION on Tuesday 31 May 2016, 8.30-10.00 in Hall B5.2. The discussed topic is “Prospects for young neurologists in 3 corners of Europe.” See Page XXVI

RRFS LOTTERY on Tuesday 31 May 2016, 10.00-10.30 at the RRFS Booth.

PHOTO CONTEST, upload your best picture of the congress to RRFS facebook profile until 01 July 2016.

EAN NETWORKING EVENT on Monday 30 May 2016, at 20.00 we meet in front of the conference center and will travel together to the networking event of the EAN at the renowned Paper Island Street Food market.
Bursaries

The 2nd Congress of the EAN offered up to 320 bursaries consisting of free registration to the congress and up to four nights hotel accommodation. In addition, free admission to three half-day teaching courses was offered. Eligible were PhD (neurology) students, residents of neurology or certified clinical neurologists (with no more than 3 years practice since completing training) who are working in Europe and whose abstract has been accepted. It was also possible for colleagues in training from Algeria, Egypt, Jordan, Kyrgyzstan, Lebanon, Libya, Morocco, Palestine, Tunisia and Syria as well as from sub-Saharan countries belonging to the HINARI Group A list of countries as established by WHO (www.who.int/hinari/eligibility/en/) to apply for bursaries.

Bursary recipients were selected on the basis of abstract evaluation by the Programme Committee. The prize is not transferable and will not be paid off in cash. The bursaries were co-sponsored by an educational grant from MDS-ES and Lundbeckfonden.

Investigator Award

All free presentations (oral presentations, posters) selected for presentation at the 2nd EAN Congress 2016 will automatically take part in the selection of an Investigator Award. The award for the 20 best presentations will be a registration to the 3rd EAN Congress in Amsterdam, The Netherlands, a diploma and the winners will be announced in the European Journal of Neurology and the EAN newsletter. These presentations will also be filmed and displayed on the EAN website if the presenters agree. The award will be given to the first author who needs to be the person to present the work at the congress. The EAN Scientific Panels together with the Scientific Committee and the Programme Committee will be responsible for the evaluation process before as well as during the congress.

Tournament for Neurologists in Training

A tournament for neurologists in training will take place. The tournament will be carried out in two groups, one on clinical related research, and one on basic neurological science.

Eligible were PhD (neurology) students, residents of neurology or certified clinical neurologists (with no more than 3 years practice since completing training) working in Europe and whose abstract has been accepted.

Selection of candidates: The EAN Programme Committee was selected 6 candidates for each tournament group on the basis of the contents of the abstracts submitted. The clinical subjects must be received from authors who work in Europe and thus carry out their projects in Europe. For the basic science session, clinical relevance will be weighted.

Financial support: Candidates selected for the tournament have received a bursary consisting of free registration to the Congress, up to four nights hotel accommodation, and a travel grant.

Presentation: Each selected candidate is allotted 10 minutes for presentation of his/her paper plus five minutes for discussion with the jury.

Jury: Members of the Programme, the Scientific and the Teaching Course Committees.

Evaluation: Candidates will be judged not only on the scientific value of the work presented, but also on the quality of the oral presentation and the way the candidate responds to the questions of the jury.

Prize: The winner of each group will receive a prize consisting of: Free registration at the 3rd EAN Congress in Amsterdam 2017, up to four nights hotel accommodation as well as a travel grant. The prize is not transferable and will not be paid off in cash.

Two runner-up prizes in each, the clinical and basic tournament will be awarded. They will consist of a certificate and a free registration to the 3rd EAN Congress in Amsterdam 2017.
APPRECIATION AND THANKS

We would like to thank the reviewers of the submitted abstracts for their invaluable help and assistance:

A
Federica Agosta, ITALY
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Pasquale Annunziata, ITALY
Fabio Antonacci, ITALY
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Rui Barreto, PORTUGAL
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Riccardo Soffietti, ITALY
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U
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V
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Sanja Vodopić, CROATIA
David B. Vodušek, SLOVENIA

Z
Panagiotis Zis, UK
CONTINUING MEDICAL EDUCATION
(CME INFORMATION)

PURPOSE
The purpose of the 2nd EAN Congress is to offer a forum for clinical and basic discussion on a variety of neurological topics including presentations of current research and available treatments.

LEARNING OBJECTIVES
Through Plenary Symposia, Main Symposia, Focused Workshops, Teaching Courses, Case-based facilitated workshops, Hands-on courses, controversy sessions, Interactive sessions and special sessions, participants will be better able to:
1. Describe the pathophysiology and neurobiology of neurological diseases
2. Discuss the diagnostic approaches and tool available for neurological diseases
3. Discuss the pharmacological and non-pharmacological treatment options available for neurological diseases

TARGET AUDIENCE
The target audience includes clinicians, researchers, post-doc fellows, medical residents, students and other healthcare professionals with an interest in the current research and diagnosis and treatment of neurological diseases. Kindly note that in the description of some courses the target audience is separately disclosed.

FINANCIAL DISCLOSURE INFORMATION
It is the policy of the European Academy of Neurology to ensure objectivity, independence and balance in all congress activities. All participants are required to disclose any real or apparent conflict(s) of interest that may have a direct bearing on the subject matter of the activity. Financial disclosure information will be provided on the presentations and/or abstracts.

EACCME ACCREDITATION STATEMENT
EACCME Event code: 13595
The 2nd Congress of the European Academy of Neurology is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS): http://www.uems.net.
The Congress of the European Academy of Neurology (Saturday, Sunday, Monday, Tuesday) is designated for a maximum of 24 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. These points are accepted by several national societies, and thus may be claimed in these countries.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.
Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME for ECMEC credits are deemed to be in the Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.
The Danish Medical Association is accepting the EACCME CME accreditation.

EACCME CREDITS
Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour with a maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.
EACCME credits are automatically accepted by the Austrian Chamber of Physicians.

ATTENDANCE TRACKING REPORT
If you need a report of your attendance in sessions, please approach the information desk located at the exhibition entrance area, in order to scan your badge and record your attendance. Only participants who have recorded their attendance receive a report, tracking their daily attendance at the congress, which will be sent from the secretariat on request.
INSTRUCTIONS FOR SPEAKERS AND POSTER PRESENTERS

SPEAKERS’ SERVICE CENTRE

All speakers are requested to hand in their presentations (PowerPoint only) via a USB compatible memory stick at the Speakers’ Service Centre (SSC) at least three hours before the beginning of the session. The SSC is located outside of the exhibition area close to the entrance.

Speakers will have the opportunity to check their presentations on PCs available in the SSC.

The Speakers’ Service Centre is supported by Bial Group.

POSTERS

All posters will be presented as e-posters only.

Within the Poster area (located in the exhibition area) there are poster screens (30 screens, 25 computer stations) available throughout the whole congress, where presenters and audience are invited to interact with each other. You will be able to contact poster presenters and meet with them at any time at one of the poster screens to discuss his/her work.

In addition there will be poster sessions, taking place Saturday to Monday from 12.30 - 13.15 and 13.30 - 14.15. Please see page XXIII or Interactive Programme Planner (IPP) for details and exact presentation times.

Poster with discussion

All poster sessions will be discussed with a chairperson. In such poster sessions (45 minutes) up to 15 presentations are scheduled at the dedicated poster screens. A chairperson will be present and discuss each presentation with the presenter and the audience. Each presenter will have 2 minutes presentation time and approximately 1 minute of discussion. Please make sure that you are present at your poster screen during your session.

The poster stations are supported by Bial Group.

POSTER DESK

Technicians will be available throughout the congress in the poster area.

INFORMATION FROM A TO Z

ABSTRACTS

All accepted abstracts will be published as a supplement to the European Journal of Neurology. There will be no printed book available, but a USB drive can be picked up at the Genzyme booth in the Exhibition Area. You will receive a voucher together with your badge.

The abstracts can also be found online on www.eaneurology.org/copenhagen2016 and www.europeanjournalofneurology.com.

You can create your personal abstract book by using the Interactive Programme Planner (IPP).

APP

The congress app “EAN 2016” is available for download free of charge on Google Play and iTunes.

The congress app is supported by Hoffmann-La Roche AG.

ATM/CASH MACHINE

An ATM cash machine is located at the Bella Sky, Tower 1 close to the reception. VISA and MasterCard are accepted.

ATTENDANCE TRACKING REPORT

See page XI.

BADGES

Access to all scientific events will only be possible with your personal badge, which you will receive at the self-print stations if your registration is fully paid. Therefore, please print the page which contains the barcode and take it along with you to the conference. All participants are requested to wear their name badge throughout the congress.

Full and Corresponding Individual Members of the EAN will receive special badges providing them with exclusive access to the VIP member area.

For replacement of a lost badge EUR 30 will be charged.

BUSINESS CENTRE

There is a business centre located at the main entrance of the Bella Center (entrance west).

Opening times:
Saturday, 28 May 2016: 08.00 – 17.00 h
Sunday, 29 May 2016: 08.00 – 17.00 h
Monday, 30 May 2016: 08.00 – 17.00 h
Tuesday, 31 May 2016: 08.00 – 16.00 h
COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

INFORMATION FROM A-Z

2016

GENERAL INFORMATION

CARING FOR THE ENVIRONMENT

Green print - The print materials of this congress have been printed on paper that is PEFC approved. The PEFC is an organisation that certifies paper manufacturers who keep to sustainable forest management criteria.

Reducing print - The book of abstracts is published on a USB drive. The printed programme is available only for participants who ordered it in advance at the material Pick-up. The complete programme can also be found online in the Interactive Programme Planner (IPP).

Recycling - As part of our efforts we try to produce less waste. We will recycle plastic, glass, cans and paper.

Offset your Carbon Footprint - You can contribute to our ecological efforts by offsetting the Carbon Footprint of your travels to Copenhagen. A Carbon Offset represents a reduction in emissions somewhere else. You can learn more and offset your carbon foot print at: www.carbonfund.org.

We are doing our best and there is still much to learn. We will be happy to hear your ideas; please do not hesitate to write to us at headoffice@ean.org.

CERTIFICATE OF ATTENDANCE

Certificates of attendance (not indicating CME credits) are available from Monday morning, 30 May 2016. They can be printed at the self-print stations in the registration area, using the barcode printed on your name badge. Changes of certificates due to incorrect submission of names and/or email addresses will be charged EUR 10.

CHILDREN AT EAN CONGRESS 2016

There is no childcare facility available at the congress. Accompanying children over the age of 1 year are not allowed to access the exhibition area due to the pharma codex. Thank you for your understanding.

CLOAKROOM

A cloakroom is available at the main entrance of the Bella Center (Entrance West) and is open during the secretariat opening hours. The cloakroom service is free of charge.

CME CERTIFICATE

You will receive an email with your personal login details for the online evaluation form during the evening of the last day of the congress (Tuesday, 31 May 2016). After completing the congress evaluation form you can download the certificate indicating the CME credits at home. If you need a tracking report for your national body to receive accreditation, please see page XI.

CONGRESS SECRETARIAT AND REGISTRATION

The registration desk at the congress venue is open during the following hours:

Friday, 27 May 2016: 16.00 – 19.00 h (badge/congress bag pick-up for pre-registered delegates only)
Saturday, 28 May 2016: 07.30 – 20.30 h
Sunday, 29 May 2016: 08.00 – 19.00 h
Monday, 30 May 2016: 08.00 – 19.00 h
Tuesday, 31 May 2016: 07.30 – 17.00 h

All documents included in the registration package (congress bag, personal name badge) will be handed over to the registered participants. Onsite registration will be accepted, but receipt of all congress documents cannot be guaranteed.

The secretariat can be reached at +45 91 608 588 (from Thursday, 26 May onwards)

CURRENCY

The official currency of the 2nd EAN Congress in Copenhagen is Euro (€). However, the local currency is Danish Krone (DKK). Please keep in mind that credit cards (Visa, Mastercard, American Express) will be charged only in Euro.

EAN BOOTH

Location: in front of the exhibition hall

Opening hours:
Saturday, 28 May 2016: 10.00 - 17.00 h
Sunday, 29 May 2016: 10.00 - 17.00 h
Monday, 30 May 2016: 10.00 - 17.00 h
Tuesday, 31 May 2016: 09.30 - 13.30 h

EXHIBITION

An extensive exhibition will be held concurrently with the congress.

Exhibition opening hours are:
Saturday, 28 May 2016: 10.00 - 17.00 h
Sunday, 29 May 2016: 10.00 - 17.00 h
Monday, 30 May 2016: 10.00 - 17.00 h
Tuesday, 31 May 2016: 09.30 - 13.30 h

CONGRESS VENUE

Bella Center Copenhagen
Bella Center A/S
Center Boulevard 5
2300 Copenhagen
Denmark

www.bellacenter.dk

The 2nd Congress of the European Academy of Neurology takes place at the Bella Center. The Bella Center is located in the heart of Ørestad with its own Metro station. Bella Center Copenhagen is just 6 kilometers away from Copenhagen Airport and 8 kilometers away from Copenhagen city centre.
Accompanying children over the age of 1 year are not allowed to access the exhibition area due to the Pharma Codex. Thank you for your understanding. The exhibition floor plan can be found on page 105.

HOTEL AND TRAVEL
Official Housing/Travel Agency
Congrex Travel Ltd.
PHONE: +45 91 60 87 69
E-MAIL: hotel.ean@congrex.com

Congrex Travel is present at the Congress Secretariat. Staff can assist you with your hotel and flight bookings.

INSURANCE & LIABILITY
The Congress organisers and PCO cannot accept liability for personal accidents or loss of or damage to private property of participants, either during or indirectly arising from the 2nd Congress of the European Academy of Neurology. It is recommended that all participants are covered by personal travel insurance for their trip.

INTERNET CORNER
An Internet Corner is located in the exhibition area and is available to all congress participants during the opening hours of the exhibition. In this area also Wi-Fi (see page XV) is available.

The Internet Corner is supported by Biol Group.

INTERACTIVE PROGRAMME PLANNER (IPP)
Please use the IPP in order to create your personal programme and abstract book. All invited lectures, oral sessions and poster presentations will be available in the IPP. By logging in you will be able to save and edit your personal programme. It is available for desktop, laptop and as smartphone app. Contents are sorted by topic and prerequisites and can be searched through standard web search functions. Once you have created your personal programme, you can export it to different calendar formats, or download it as a book of abstracts.

The IPP will be available before and during the congress. iPad Stations will be placed on different locations throughout the congress venue. The congress app including the IPP will be displayed on the iPads.

The iPad Stations are supported by Sanofi Genzyme Europe B.V.

LANGUAGE
The official language of the congress is English. No simultaneous translation will be provided.

LOST & FOUND
Please apply to the congress secretariat.

LUNCH AND COFFEE BREAKS
Light lunch and coffee is included in the registration fee and will be served in the exhibition area as per the times indicated in the timetable.

MAIL/MESSAGES
A message board is available close to the congress secretariat in the registration area.

MEDICAL ASSISTANCE
Please apply to the congress secretariat.

MINI-PROGRAMME
The mini-programme gives you an overview of the scientific programme at a glance.

MOBILE PHONES
Please note that mobile phones must be switched off during all sessions.

NETWORKING
Opening (See page XXV)
Challenges for women in neurology (see page XXVI)
Networking event on Monday “Meet the speakers” (see page XXVII)
Resident and Research Fellow Section Activities (see page VIII)

POSTER SESSIONS
Please see page XXI

PRESS CONFERENCE AND PRESS ROOM
A media room with wireless internet access is available to registered journalists. The Press Room is located in room B4 M5. The press conference will be held on Monday, 30 May 2016 from 10.30 to 11.30 in meeting room 5 (first floor, Bella Center).

QUALITY CONTROL/ EVALUATION
In order to guarantee the quality of the upcoming congresses, and to get CME certification, we have to carry out congress evaluations. Each teaching course participant should fill in an electronic TC evaluation directly after the TC.

The general evaluation of the congress will be done online. On Tuesday, 31 May all participants will receive a username and password per email during the evening. We kindly ask you to participate to receive your certificate. Please take time to complete the electronic evaluation forms provided for each session you attend. The forms are available in the EAN Congress app and on the Congress website. Your input is essential for planning future EAN congresses.

SCIENTIFIC REPLAY LOUNGE
The Scientific Replay Lounge is located in the exhibition area and will be available for the comfort of participants, providing a place to see webcasts of selected previous sessions, relax and meet with colleagues.

The Scientific Replay Lounge is supported by Sanofi Genzyme Europe B.V.
SESSIONS
Please make sure to be in session halls on time as all sessions will begin as per schedule.

SYMPOSIA:
Symposia are scheduled in the morning of each congress day and will last 2 hours each. Lecturers will give general information on the main topics of the congress. Special insight will be covered in Teaching courses and Focused workshops.

TEACHING COURSES:
If you wish to participate, tickets may still be purchased at the Secretariat for a fee of €40/€25, availability permitting. TCs are held on each congress day in the afternoon and last for 3 hours (plus 1/2 hour coffee break). They are interactive with ample opportunity for participants to ask questions. All TCs are aimed primarily at a post-graduate audience. There are 3 levels of TCs:
- Level 1 (Introductory): Aimed primarily at neurologists in training, or those wishing to refresh/update their basic knowledge in the field. Level 1 may also be suitable for undergraduates or general trainees with a particular interest.
- Level 2 (standard): Assumes familiarity with basic clinical knowledge and practice, aimed at specialist trainees or practitioners wishing to update and further develop their knowledge in the field.
- Level 3 (advanced): Aimed at specialist trainees or practitioners with a particular interest in that field, covering the latest advances of particular interest to a specialist audience.

Participants will receive a manuscript/summary of the lectures as well as a certificate of attendance. TCs are not included in the registration fee, but have to be booked in addition.

HANDS-ON COURSES:
These Hands-on teaching courses (HoC) are for a limited number of participants only, with some built-in work in smaller groups who attend parallel by rotating to each presenter of the course. Live demonstrations with screening machines are the core of these courses.

For a limited number of participants only. Participation is not included in the registration fee.

CASE-BASED FACILITATED WORKSHOPS:
The case-based workshops are to support knowledge and practice in clinical diagnosis and management in a format, which requires the attendees to actively participate, with opportunities for direct discussion/contact with leading experts to discuss pre-prepared cases.

For a limited number of participants only. Participation is not included in the registration fee.

INTERACTIVE SESSIONS:
These sessions are open for all participants. Through an interactive voting system, the opinions of colleagues will be collected.

FOCUSED WORKSHOPS
Focused workshops (FWs) will be held in the late morning and last for 1.5 hours. They will cover narrow topics and will aim to promote discussion around new ideas, evidence or theories. Ample time for discussion will be provided.

SPECIAL SESSIONS:
Special Sessions (SPS) cover topics of special interest.

“HOW TO IMPROVE YOUR CHANCES”:
This new format shall allow to share and improve knowledge on: “how to best write an academic paper”; “how to plan and organize a clinical or scientific study”; “how to apply for a grant”, “how to get a paper accepted” etc… and shall thus "improve your chances". These sessions are open for all participants and primarily aim at a post-graduate audience.

SMOKING POLICY
Smoking is prohibited at all times in the meeting halls, exhibit halls and restrooms. Your compliance is appreciated.

SPEAKERS’ SERVICE CENTRE (SSC)
See page XII.

TRAVEL
see “Hotel and Travel”

VIP LOUNGE
EAN Full and Corresponding individual members and FEANs have the possibility to enjoy their lunch in a separated VIP Area. The VIP Area is located on the right side next to the exit of the exhibition area and is open during the exhibition opening hours.

Coffee and lunch will be available during the official coffee and lunch breaks.

Wi-Fi
Wi-Fi will be available free of charge in the session rooms and the exhibition area.

Network name: sanofigenzyme@EAN2016
Password: see the voucher in your bag or visit the Genzyme Booth #A10

The Wi-Fi is supported by SANOFI GENZYME 🌟
(in chronological order, as per date of printing)
Additional meetings reserved after the date of printing will be announced on the Message screen in the registration area.

<table>
<thead>
<tr>
<th>GROUP/COMMITTEE</th>
<th>DAY, TIME</th>
<th>BELLY CENTER/SKY HOTEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Affairs Sub-committee</td>
<td>Saturday, 28 May 08.30 - 10.00</td>
<td>Room 18a</td>
</tr>
<tr>
<td>Education Committee</td>
<td>Sunday, 29 May 09.00 - 11.00</td>
<td>Room 21</td>
</tr>
<tr>
<td>Quality Assurance Sub-Committee</td>
<td>Sunday, 29 May 11.15 - 12.45</td>
<td>Room 21</td>
</tr>
<tr>
<td>Scientific Committee</td>
<td>Sunday, 29 May 12.45 - 14.45</td>
<td>Room B4 M7</td>
</tr>
<tr>
<td>TF Sub-saharan Africa</td>
<td>Sunday, 29 May 13.30 - 15.30</td>
<td>Room 21</td>
</tr>
<tr>
<td>European Journal of Neurology – Editorial Board</td>
<td>Sunday, 29 May 13.30 - 14.30</td>
<td>Room 16</td>
</tr>
<tr>
<td>EAN/WFN Meeting</td>
<td>Sunday, 29 May 15.00 - 16.00</td>
<td>Room 16</td>
</tr>
<tr>
<td>Meeting with Wiley</td>
<td>Sunday, 29 May 16.30 - 17.30</td>
<td>Room 21</td>
</tr>
<tr>
<td>Liaison Committee</td>
<td>Monday, 30 May 09.00 - 10.30</td>
<td>Room 16</td>
</tr>
<tr>
<td>E-communication Board</td>
<td>Monday, 30 May 10.30 - 12.00</td>
<td>Room 16</td>
</tr>
<tr>
<td>Panel Chairs Meeting</td>
<td>Monday, 30 May 12.30 - 14.30</td>
<td>Hall B4 M1</td>
</tr>
<tr>
<td>Industrial Relations Board</td>
<td>Monday, 30 May 15.00 - 16.30</td>
<td>Room 5</td>
</tr>
<tr>
<td>Corresponding Institutional Member Societies</td>
<td>Monday, 30 May 15.00 - 16.30</td>
<td>Room 16</td>
</tr>
<tr>
<td>Guideline Production Group</td>
<td>Tuesday, 31 May 09.00 - 10.30</td>
<td>Room 16</td>
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<tr>
<td>Teaching Course Committee</td>
<td>Tuesday, 31 May 10.30 - 12.00</td>
<td>Room 16</td>
</tr>
<tr>
<td>Programme Committee</td>
<td>Tuesday, 31 May 12.45 - 14.15</td>
<td>Room 16</td>
</tr>
</tbody>
</table>
(in chronological order, as per date of printing)
Additional meetings reserved after the date of printing will be announced on the Message screen in the registration area.

<table>
<thead>
<tr>
<th>SCIENTIFIC PANEL</th>
<th>DAY, TIME</th>
<th>ROOM #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Panel Higher cortical functions</td>
<td>Saturday, 28 May 10.30 - 12.00</td>
<td>Room 16</td>
</tr>
<tr>
<td>Scientific Panel Neuroimaging</td>
<td>Saturday, 28 May 16.00 - 17.00</td>
<td>Room 16</td>
</tr>
<tr>
<td>Scientific Panel Neuroimmunology</td>
<td>Sunday, 29 May 9.00 - 10.30</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel Neuro-ophthalmology and -otology</td>
<td>Sunday, 29 May 10.30 - 11.30</td>
<td>Room 60/61</td>
</tr>
<tr>
<td>Scientific Panel Neurorehabilitation</td>
<td>Sunday, 29 May 11.00 - 13.00</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel Autonomic nervous system disorders</td>
<td>Sunday, 29 May 11.30-12.30</td>
<td>Room 62/63</td>
</tr>
<tr>
<td>Scientific Panel Multiple sclerosis</td>
<td>Sunday, 28 May 12.00 - 13.00</td>
<td>Hall B5M2</td>
</tr>
<tr>
<td>Scientific Panel Clinical neurophysiology</td>
<td>Sunday, 29 May 12.00 - 13.00</td>
<td>Room 60/61</td>
</tr>
<tr>
<td>Scientific Panel Stroke</td>
<td>Sunday, 29 May 13.00 - 14.00</td>
<td>Room 62/63</td>
</tr>
<tr>
<td>Scientific Panel Coma and chronic disorders of consciousness</td>
<td>Sunday, 29 May 13.30 - 14.30</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel Neuroepidemiology</td>
<td>Sunday, 29 May 14.30 - 16.00</td>
<td>Room 60/61</td>
</tr>
<tr>
<td>Scientific Panel Neurogenetics</td>
<td>Sunday, 29 May 14.30 - 16.00</td>
<td>Room 62/63</td>
</tr>
<tr>
<td>Scientific Panel ALS and frontotemporal dementia</td>
<td>Sunday, 29 May 16.00 - 19.00</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel General neurology</td>
<td>Sunday, 29 May 17.00 - 18.30</td>
<td>Room 62/63</td>
</tr>
<tr>
<td>Scientific Panel Sleep-wake disorders</td>
<td>Sunday, 29 May 17.00 - 19.00</td>
<td>Room 60/61</td>
</tr>
</tbody>
</table>
## OVERVIEW OF BUSINESS MEETINGS OF SCIENTIFIC PANELS, TASK FORCES

(in chronological order, as per date of printing)

Additional meetings reserved after the date of printing will be announced on the Message screen in the registration area.

<table>
<thead>
<tr>
<th>GROUP/COMMITTEE</th>
<th>DAY, TIME</th>
<th>BELLY CENTER/SKY HOTEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Panel Translational neurology</td>
<td>Sunday, 29 May 17:00 - 19:00</td>
<td>Room 5</td>
</tr>
<tr>
<td>Scientific Panel Palliative care</td>
<td>Monday, 30 May 08:00 - 09:00</td>
<td>Room 22</td>
</tr>
<tr>
<td>Scientific Panel Muscle disorders</td>
<td>Monday, 30 May 08:00 - 09:30</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel Neurosonology</td>
<td>Monday, 30 May 08:00 - 09:30</td>
<td>Room 21</td>
</tr>
<tr>
<td>Rare Neurological Diseases Task Force</td>
<td>Monday, 30 May 09:30 - 11:00</td>
<td>Room 22</td>
</tr>
<tr>
<td>Scientific Panel Child neurology</td>
<td>Monday, 30 May 09:30 - 10:30</td>
<td>Room 60</td>
</tr>
<tr>
<td>Scientific Panel Neuropathies</td>
<td>Monday, 30 May 10:30 - 12:00</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel Neuro-oncology</td>
<td>Monday, 30 May 11:00 - 12:00</td>
<td>Room 22</td>
</tr>
<tr>
<td>Scientific Panel Epilepsy</td>
<td>Monday, 30 May 11:30 - 12:30</td>
<td>Room 61</td>
</tr>
<tr>
<td>Scientific Panel Pain</td>
<td>Monday, 30 May 11:30 - 12:30</td>
<td>Room 60</td>
</tr>
<tr>
<td>Scientific Panel Dementia and cognitive disorders</td>
<td>Monday, 30 May 14:30 - 16:00</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>Scientific Panel Neurotoxicology</td>
<td>Monday, 30 May 15:00 - 16:00</td>
<td>Room 22</td>
</tr>
<tr>
<td>Scientific Panel Neurotraumatology</td>
<td>Monday, 30 May 15:00 - 16:00</td>
<td>Room 21</td>
</tr>
<tr>
<td>Scientific Panel Infectious diseases</td>
<td>Monday, 30 May 15:00 - 16:30</td>
<td>Room 61</td>
</tr>
<tr>
<td>Scientific Panel Neurocritical care</td>
<td>Monday, 30 May 16:00 - 17:30</td>
<td>Room 69/70</td>
</tr>
<tr>
<td>YESNA Meeting</td>
<td>Monday, 30 May 16:30 - 18:30</td>
<td>Room 22</td>
</tr>
<tr>
<td>Scientific Panel Headache</td>
<td>Monday, 30 May 17:00 - 18:30</td>
<td>Room 16</td>
</tr>
</tbody>
</table>
### Overview of Poster Sessions

**Saturday, 28 May 2016**  
**12:30 – 13:15**

<table>
<thead>
<tr>
<th>Topic (Screen NR)</th>
<th>Poster Numbers</th>
<th>Chairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ageing and dementia 1 (Screen A2)</td>
<td>P11001 - P11013</td>
<td>Pasquale Calabrese, ITALY</td>
</tr>
<tr>
<td>Autonomic nervous system 1 (Screen B1)</td>
<td>P11014 - P11022</td>
<td>Astrid Terkelsen, DENMARK</td>
</tr>
<tr>
<td>Cerebrovascular diseases 1 (Screen G1)</td>
<td>P11023 - P11038</td>
<td>Anna Czlonkowska, POLAND</td>
</tr>
<tr>
<td>Cerebrovascular diseases 2 (Screen G3)</td>
<td>P11037 - P11049</td>
<td>Adam Kobayashi, POLAND</td>
</tr>
<tr>
<td>Cerebrovascular diseases 3 (Screen G4)</td>
<td>P11050 - P11065</td>
<td>Zuzana Gdovinova, SLOVAKIA</td>
</tr>
<tr>
<td>Child neurology/developmental neurology (Screen H1)</td>
<td>P11066 - P11080</td>
<td>Vittoria Papp, DENMARK</td>
</tr>
<tr>
<td>Clinical neurophysiology 1 (Screen H2)</td>
<td>P11081 - P11092</td>
<td>Einar Wilder-Smith, SINGAPORE</td>
</tr>
<tr>
<td>Cognitive neurology/neuropsychology 1 (Screen A3)</td>
<td>P11093 - P11105</td>
<td>Rita Formisano, ITALY</td>
</tr>
<tr>
<td>Critical care (Screen F4)</td>
<td>P11106 - P11116</td>
<td>Raimund Helbok, AUSTRIA</td>
</tr>
<tr>
<td>Epilepsy 1 (Screen B2)</td>
<td>P11117 - P11128</td>
<td>Jakob Christensen, DENMARK</td>
</tr>
<tr>
<td>Epilepsy 2 (Screen B3)</td>
<td>P11129 - P11141</td>
<td>Alla Guekht, RUSSIAN FEDERATION</td>
</tr>
<tr>
<td>Headache and pain 1 (Screen C1)</td>
<td>P11142 - P11155</td>
<td>Henriette Kilt, DENMARK</td>
</tr>
<tr>
<td>Movement disorders 1 (Screen E4)</td>
<td>P11156 - P11168</td>
<td>Kristian Winge, DENMARK</td>
</tr>
<tr>
<td>MS and related disorders 1 (Screen F1)</td>
<td>P11169 - P11181</td>
<td>Oluf Andersen, SWEDEN (TBC)</td>
</tr>
<tr>
<td>MS and related disorders 2 (Screen F2)</td>
<td>P11182 - P11194</td>
<td>Ludwig Kappos, SWITZERLAND</td>
</tr>
<tr>
<td>MS and related disorders 3 (Screen F3)</td>
<td>P11195 - P11208</td>
<td>Krzysztof Selmaj, POLAND</td>
</tr>
<tr>
<td>Muscle and neuromuscular junction disease 1 (Screen B4)</td>
<td>P11209 - P11220</td>
<td>Tiziana Mongini, ITALY</td>
</tr>
<tr>
<td>Neuro-oncology 1 (Screen C4)</td>
<td>P11221 - P11233</td>
<td>Stefan Oberndorfer, AUSTRIA</td>
</tr>
<tr>
<td>Neurorehabilitation 1 (Screen G2)</td>
<td>P11234 - P11245</td>
<td>Józef Opara, POLAND</td>
</tr>
<tr>
<td>Peripheral nerve disorders 1 (Screen D2)</td>
<td>P11246 - P11258</td>
<td>Michaela Auer-Grumbach, AUSTRIA</td>
</tr>
<tr>
<td>Sleep disorders 1 (Screen E1)</td>
<td>P11259 - P11273</td>
<td>Isabelle Arnulf, FRANCE</td>
</tr>
<tr>
<td>Spinal cord and root disorders (Screen E2)</td>
<td>P11274 - P11286</td>
<td>Josef Bednarik, CZECH REPUBLIC (TBC)</td>
</tr>
</tbody>
</table>

**Saturday, 28 May 2016**  
**13:30 – 14:15**

<table>
<thead>
<tr>
<th>Topic (Screen NR)</th>
<th>Poster Numbers</th>
<th>Chairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ageing and dementia 2 (Screen A2)</td>
<td>P12001 - P12013</td>
<td>Dorota Religa, SWEDEN</td>
</tr>
<tr>
<td>Autonomic nervous system 2 (Screen B1)</td>
<td>P12014 - P12023</td>
<td>Josef Zethofer, AUSTRIA (TBC)</td>
</tr>
<tr>
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All posters will be available throughout the congress on the poster screens and poster stations in the exhibition area. You can contact poster presenters via the Interactive Programme Planner (IPP).
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<td>Cerebrovascular diseases 8 (Screen G4)</td>
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<td>Volker Dietz, SWITZERLAND</td>
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<td>Headache and pain 4 (Screen C1)</td>
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<td>MS and related disorders 9 (Screen F1)</td>
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<td>Nicola De Stefano, ITALY</td>
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All posters will be available throughout the congress on the poster screens and poster stations in the exhibition area. You can contact poster presenters via the Interactive Programme Planner (IPP).
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MONDAY, 30 MAY

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EFNA PUBLIC AWARENESS DAY FOR: PATIENTS, CARERS, FAMILIES AND HEALTH PROFESSIONALS
Together under the Umbrella for Huntington’s disease
10:30 - 17:00

Location: DGI-byen, Tietgensgade 65, 1704 Copenhagen V, Denmark.

As part of the Together Under the Umbrella awareness campaign for brain disorders, the European Federation of Neurological Associations will organise an information day on Huntington’s Disease. The event, which will be organised to coincide with the EAN Annual Congress, is open to those living with Huntington’s disease, their families and friends, carers, health professionals or those with an interest in learning more. World-Leading, Huntington Disease Specialist, Prof. Bernhard Landwehrmeyer will be the keynote speaker on the day.

This free event will take place on Saturday, 28 May, 2016 from 10:30 – 17:00 (Registration and Breakfast from 09:30) at DGI-byen, Tietgensgade 65, 1704 Copenhagen V, Denmark.

Presentations will focus on:
• Current, best-practice approaches to treatment and management
• Latest research and studies in the field – hope for the future
• Patient and Carer personal stories
• National service and support structures
• Coping tips and strategies for Carers
• Mindfulness and Relaxation

A buffet breakfast and sandwich lunch will be provided on the day, and there will be time throughout to speak to other families, ask questions and pick up more information on HD.

OPENING
18:30 | HALL A

Welcoming addresses
Mads Ravnborg, Local Chairperson, President Danish Society of Neurology
Günther Deuschl, President of the European Academy of Neurology

Opening Lecture:
PLEASURES OF THE BRAIN
Morten Kringelbach, OXFORD UNITED KINGDOM

Royal Ballet performing scenes from “Swan Lake”
All participants and exhibitors are invited to the Opening and the welcome reception afterwards. There will be food, drinks and music.
Please wear your badge.
SUNDAY, 29 MAY
13:00-14:30

CHALLENGES FOR WOMEN IN NEUROLOGY – EXPERIENCES FROM WESTERN AND EASTERN EUROPE
13:00-14:30 | HALL B4 M1

The aim of this event is to help identify and overcome the challenges that women may find during their academic and hospital career development in neurology. This event is mainly directed to female neurology residents and female neurologists at the beginning of their career.

You are invited to bring your lunch to this session.

**Nazha Birouk,**
**RABAT, MOROCCO**

Professor Nazha Birouk (MD, Prof), is President of the Moroccan Society of Neurology (2012-2016). She received her Professor’s Degree in Neurology at the Faculty of Medicine of Rabat in November 1997. Her training for neuromuscular disorders and neurophysiology was at the Hôpital de la Salpêtrière, Paris, France from 1994 -1997. Her main fields of interest are Neuromuscular disorders - Hereditary neuropathies and myopathies; ENMG, Neurophysiology. She is involved in research projects in hereditary neuropathies, muscular dystrophies, and hereditary ataxia. She gave invited lectures in International and National Meetings: Themes: Peripheral nerve disorders: hereditary neuropathies, inflammatory neuropathies; Muscle disorders; ENMG, Neuropathic Pain. She was Secretary General of the Moroccan Society of Neurology from 1998 to 2004; Secretary General of the Moroccan Association against Myopathy: Since 2005 and was a Delegate Member of the EFNS for the Moroccan Society of Neurology; 2007-2013.

**Elena Lebedeva,**
**JEKATERINBURG, RUSSIA**

Elena Lebedeva (MD, PhD, DocMedSci) is associate professor of neurology of the Urals State Medical University, director of International Headache Center “Europe-Asia” in Yekaterinburg and consultant neurologist. She works 70% clinically and 30% in research. She has 5 PhD students. Her main areas of interest concern stroke, intracranial aneurysms and headache. She got Investigator Award from the EFNS in 2012. She is currently part of the EAN Scientific Panels on Stroke and Headache. She was organizer of two EFNS Regional Teaching courses in Yekaterinburg (2006, 2011), 9 annual conferences on actual topics of neurology and 15 Headache schools. She is married and has two sons.

**Gunhild Waldemar,**
**COPENHAGEN, DENMARK**

Gunhild Waldemar, MD DMS, Honorary member of the EAN, is a professor of clinical neurology and coordinating professor at the Neuroscience Centre, Rigshospitalet, University of Copenhagen, Denmark. She established the multi-disciplinary memory clinic in her department in 1995, and later extended the clinic with a dementia research lab. and in 2007 with a national info & education centre, funded by the Danish Ministry of Health. In 2010 the combined centre, now named, The Danish Dementia Research Centre, won the “Global Excellence in Health” award from the Capital Region of Denmark and University of Copenhagen. She has also chaired the Liaison Committee in the EFNS and was part of the task force merging the EFNS with the ENS, forming the EAN.

**RRFS HOSPITAL VISIT**
18:00 | REGISTRATION DESK

(max. 100 participants) on Sunday, 29 May 2016 will be organised in co-operation with the Danish Young Neurologist Society. We are going to meet at 18.00-18.15 in front of the registration desk. We will visit the Rigshospital - University Hospital followed by a get-together. Registration is available via facebook or by contacting rrfs@ean.org or at the RRFS booth at the congress.
NETWORKING RECEPTION AND “MEET THE SPEAKERS”

EAN will be happy to encourage speakers and participants likewise to come to the renowned Paper Island Street Food market and offer the possibility to mingle and encounter in a relaxed atmosphere.

Copenhagen Street Food offers 35 food and beverage counters/stalls that represent almost the entire globe in a culinary way.

Entry is free of charge, food and beverages have to be paid at one’s own expense. Come to the EAN Booth and win vouchers for food+drink at Paper Island Streetfood.

Location: Christiansholm - Papirøen Trangravsvej 14, Warehouse 7/8, 1436 København.

More information can be found here: http://copenhagenstreetfood.dk/en/

From 20.15-22.15 a shuttle boat Nyhavn-Paper Island-Nyhavn will be available every 15 minutes for all participants.
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<td>MDS-ES European Basal Ganglia Club</td>
<td>FW1</td>
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<td>Advanced imaging methods for the assessment of MS pathogenesis and treatment</td>
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<td>Neurology across continents WFN/WHO</td>
<td>FW6</td>
<td>08:30-09:00</td>
<td>Genetic approaches in neuropathies</td>
<td>FW3</td>
<td>08:30-10:00</td>
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<td>FW1</td>
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<td>MDS-ES: European Basal Ganglia Club</td>
<td>FW2</td>
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<td>FW5</td>
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<td>Abnormal movements in deep</td>
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<td>08:30-10:00</td>
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</tbody>
</table>

**10:00-10:30** Coffee break @ exhibition

**12:30-13:45** Lunch break @ exhibition (lunch served from 12.30-13.30)

<table>
<thead>
<tr>
<th>Sy1</th>
<th>10:30-12:30</th>
<th>MDS-ES/EAN: Update in Movement disorders</th>
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<tbody>
<tr>
<td>Sy2</td>
<td>10:30-12:30</td>
<td>Neurostimulation, what can be achieved in...</td>
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<tr>
<td>Sy3</td>
<td>10:30-12:30</td>
<td>The changing landscape of coma treatment</td>
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<tr>
<td>Sy4</td>
<td>10:30-12:30</td>
<td>Evolving concepts in the management of gliomas</td>
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<tr>
<th>SaS</th>
<th>13:00-14:30</th>
<th>Excemed Current and future treatments for MS introduction</th>
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<tr>
<td>SaS</td>
<td>13:00-14:30</td>
<td>From &quot;OFF&quot; to &quot;ON&quot; - treating levodopa induced OFF periods in Parkinson’s disease</td>
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<tr>
<td>SaS</td>
<td>13:00-14:30</td>
<td>Dementia - from pre-clinics to clinic</td>
</tr>
</tbody>
</table>

**16:15-17:15** Coffee break @ exhibition

**18:30-19:30** Opening

**19:30 – 21:00** Welcome Reception @ Centerhall
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION/EXHIBITION/POSTER</th>
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<tbody>
<tr>
<td>10:00</td>
<td>10:00-10:30 Coffee break @ exhibition</td>
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<td>10:30-12:30 Presidential Symposium</td>
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<td></td>
<td>12:30-14:45 Lunch break @ exhibition</td>
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</tbody>
</table>

**SUNDAY, 29 MAY**

**10.00-11.30**

**HALL A**

- **SyS**: 10.00-11.30 Pitfalls in neurological sleep medicine

**HALL B**

- **SpS**: 10.00-11.30 Zika infection of the nervous system

**HALL C**

- **FW**: 10.00-11.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

**M0**

- **FW**: 10.00-11.30 Dementia and Timing and Treatment

**M1**

- **FW**: 10.00-11.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

**M2**

- **FW**: 10.00-11.30 Dementia and Timing and Treatment

**M3**

- **FW**: 10.00-11.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

**M4**

- **FW**: 10.00-11.30 Dementia and Timing and Treatment

**B4.M1**

- **FW**: 10.00-11.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

**B4.M2**

- **FW**: 10.00-11.30 Dementia and Timing and Treatment

**B5.M1**

- **FW**: 10.00-11.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

**B5.M2**

- **FW**: 10.00-11.30 Dementia and Timing and Treatment

**EXHIBITION/POSTER**

- **FW**: 10.00-11.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

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**12:30-14:45**

**HALL A**

- **SyS**: 12:30-13:30 Sanofi Genzyme Brain Health: Translating Scientific Evidence into Clinical Practice in MS

**HALL B**

- **SpS**: 12:30-13:30 Zambon What’s new in Multiple Sclerosis & Motor Complications in PD?

**HALL C**

- **FW**: 12:30-13:30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

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**EXHIBITION/POSTER**

- **FW**: 12:30-13:30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

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**14.45-16.15**

**HALL A**

- **SyS**: 14.45-15.30 Ageing and dementia

**HALL B**

- **SpS**: 14.45-15.30 Zambon What’s new in Multiple Sclerosis & Motor Complications in PD?

**HALL C**

- **FW**: 14.45-15.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

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**EXHIBITION/POSTER**

- **FW**: 14.45-15.30 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

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**16.15-18.15**

**HALL A**

- **SyS**: 16.15-17.00 F. Hofmann Roche New insights in MS: How are approaches to MS management changing?

**HALL B**

- **SpS**: 16.15-17.00 Roche New insights in MS: How are approaches to MS management changing?

**HALL C**

- **FW**: 16.15-17.00 Impaired hand function after stroke and peripheral nerve injury consequences for treatment

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**EXHIBITION/POSTER**

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**18.30-20.00**

**HALL A**

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**EXHIBITION/POSTER**

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<th>HALL B</th>
<th>HALL C</th>
<th>M0</th>
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<th>M3</th>
<th>M4</th>
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<th>B4, M2</th>
<th>B5, M1</th>
<th>EXHIBITION/ POSTER</th>
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<tr>
<td>IS1</td>
<td>FW13</td>
<td>SpS6</td>
<td>FV34</td>
<td>SpS5</td>
<td>FV35</td>
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**MONDAY, 30 MAY**

**10:00-10:30** Coffee break @ exhibition

**12:30-14:45** Lunch break @ exhibition (lunch served from 12:30-13:30)

**13:00 - 14:30** How to… prepare your abstract submission for presenting at an international congress

**16:15-16:45** Coffee break @ exhibition

**16:45 - 18:15** Cerebro-vascular diseases 2

**16:45 - 18:15** Headache and pain 2

**16:45 - 18:15** Resident and Research Fellow Assembly

**16:45 - 18:15** Cognitive neurology/ neuropsychology 2

**18:30-20.00** TEVA multiple sclerosis – multiple solutions – one choice: what’s yours? Challenge the expert in 60 seconds

**10:00-17:00** Exhibition

**12:30 - 13:15/ 13:30 - 14:15** Poster Session 3

**10:00-17:00** Exhibition

**10:00-17:00** EHF/EAN Topical Symposium CGRP antibodies. A new class of migraine specific preventive medication

**16:15-16:45** Care of the person with ALS
<table>
<thead>
<tr>
<th>Hall</th>
<th>Time</th>
<th>Session</th>
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<tr>
<td></td>
<td>08:00-10:00</td>
<td>Understanding functional connectivity using MRI</td>
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<td>08:00-10:00</td>
<td>New diagnostic developments in Epilepsy</td>
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<td>08:00-10:00</td>
<td>Untangling inflammatory and degenerative aspects of multiple sclerosis</td>
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<td>08:30-10:00</td>
<td>European reference network</td>
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<td>08:30-10:00</td>
<td>Shared decision making (SDM) in neurology</td>
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<td>European reference network</td>
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<td>08:00-10:00</td>
<td>Neuropsychological testing in dementia for non-neurologists</td>
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<td>09:30-13:30</td>
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<td>13:00-16:30</td>
<td>Life after stroke Level 2</td>
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<td>Challenges in newly diagnosed epilepsy Level 1</td>
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<td>13:00-16:30</td>
<td>Controversies: The natural history of incidental neuroimaging findings Level 2</td>
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<td>13:00-16:30</td>
<td>Current treatments in neurology Level 1</td>
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<td></td>
<td>13:00-16:30</td>
<td>Preventing delayed neurological deficits in neurocritical care – Old foes, new concepts Level 2-3</td>
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<td>13:00-16:30</td>
<td>Developing an EAN guideline Level 1</td>
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<td>14:30-15:00</td>
<td>Coffee break @ exhibition</td>
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<td>09:30-13:30</td>
<td>Exhibition</td>
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**KEY:**
- FW | Focused Workshop
- IS | Interactive Session
- OS | Oral Session
- SaS | Satellite Symposium
- Sy | Symposium
- TC | Teaching Course
- T | Tournament
- PS | Plenary Symposium
- CbfW | Case-based facilitated Workshops
- NE | Networking Events
- HOC | Hands-on course
- SpS | Special Session
- Sy7 | Symposium
- SpS9 | Special Session
SAVE THE DATE

ESNCH 2017

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EUROPEAN SOCIETY of NEUROSONOLOGY and CEREBRAL HEMODYNAMICS

19–21 May 2017
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SATURDAY, 28 MAY

SESSIONS
CASE-BASED FACILITATED WORKSHOP 1: EEG IN PATIENTS WITH ACUTE CONSCIOUSNESS IMPAIRMENT
08:30 - 10:00 | HALL B4. M1

CHAIRPERSON:
Andrea Rossetti, LAUSANNE, SWITZERLAND

Use of the new ACNS nomenclature
Erik Westhall, LUND, SWEDEN

Advanced EEG monitoring
Nicolas Gaspard, BRUSSELS, BELGIUM

Spiky EEG: to treat or not to treat?
Andrea Rossetti, LAUSANNE, SWITZERLAND

Dr Westhall will familiarise the audience with some examples of EEG patterns to be described with the ACNS nomenclature. Dr Gaspard will focus on indications and values of video-EEG monitoring. Dr Rossetti will highlight some differentials regarding sharply contoured EEG patterns and treatment implications. The audience will interactively work in 3 groups of about 20 persons on vignettes with clinical and EEG data. Each speaker will discuss 4-5 vignettes; speakers will rotate among groups every 30 minutes.

INTERACTIVE SESSION 1: COST EFFECTIVE INVESTIGATIONS OF CNS INFECTIONS
08:30 - 10:00 | HALL M5

CHAIRPERSON:
Israel Steiner, PETACH TIKVA, ISREAL

Neuroimaging
Uta Meyding-Lamade, FRANKFURT A.M., GERMANY

Microbiology
Peter Kennedy, GLASGOW, UK

Molecular biology
Israel Steiner, PETACH TIKVA, ISREAL

Biopsy/Histology
Hans Lassmann, VIENNA, AUSTRIA

CNS infections are an important clinical challenge. Early diagnosis enables to provide specific therapy that will reduce mortality, cut down neurological sequels and improve prognosis. Besides history and systemic and neurological examination, laboratory tests are an important tool that may enable to reduce differential diagnosis and establish correct diagnosis. This interactive session will cover a spectrum of challenging neurological cases and provide knowledge how to cost-effectively employ laboratory tests (on fluids and CSF) and auxiliary examinations (imaging, tissue biopsy) to provide prompt diagnosis.

Participants are encouraged to actively engage with immediate feedback to support learning (voting system)

FOCUSED WORKSHOP 1: ADVANCED IMAGING METHODS FOR THE ASSESSMENT OF MS PATHOGENESIS AND TREATMENT
08:30 - 10:00 | HALL B

CHAIRPERSON:
Bruno Stankoff, PARIS, FRANCE

Insight into the pathogenesis of multiple sclerosis using metabolic imaging
Olga Ciccarelli, LONDON, UK

The promise of ultra high field MRI in multiple sclerosis
Frederik Barkhof, AMSTERDAM, NETHERLANDS

Assessing tissue damage and repair in multiple sclerosis by positron emission tomography
Bruno Stankoff, PARIS, FRANCE

Target Audience:
Clinical academicians, Students/Residents/Trainees

Scientific Content:
Lecture 1 will discuss insights gained from metabolic imaging studies in MS patients, including raised sodium concentrations in the brain, increased glutamate levels in acute lesions and normal-appearing white matter, reduced GABA levels in the grey matter, and neuronal mitochondrial dysfunction.
Lecture 2 will describe the (challenges and) opportunities of ultra-high filed MRI (7T) for human in vivo imaging, including how improved spatial resolution can be used for better cortical lesion detection, and how new contrast mechanisms provide novel diagnostic and pathogenetic disease insights.
Lecture 3 will describe how molecular imaging by PET and various radiotracers will contribute to the quantitative assessment of the major pathophysiological mechanisms of MS: demyelination and remyelination in the white matter, neuronal damage in the grey matter, microglial activation in the CNS. Methodological issues related to this technology will be presented.
FOCUSED WORKSHOP 2: GENETIC APPROACHES IN NEUROPATHIES
08:30 - 10:00 | HALL M1

CHAIRPERSON:
Davide Pareyson, MILAN, ITALY

Genotype-phenotype correlations in hereditary neuropathies
Michaela Auer-Grumbach, GRAZ, AUSTRIA

Whole-exome sequencing in patients with inherited neuropathies: outcome and challenges
Jonathan Baets, ANTWERP, BELGIUM

New opportunities of therapy in genetic neuropathies
Davide Pareyson, MILAN, ITALY

Target Audience: Clinical academicians, Practitioners, Students/Residents/Trainees

Scientific Content: The definition of quality is care that is effective, safe and that provides a positive experience for patients. Quality of health care is a key concern in patients with long term neurological disorders. In this workshop, using examples of three common and chronic neurological conditions, the speakers will discuss measures to optimise care standards and quality of life in patients with epilepsy, multiple sclerosis and Parkinson’s disease. The presentations will aim to provide a standardised approach in assessing the performance and impact of clinical services in the care quality of these patients.

The learning objective of the workshop is to empower professionals to recognise the key elements of care pathways that can meet patients’ needs better and to challenge poor practices.

FOCUSED WORKSHOP 3: ADDRESSING QUALITY OF CARE FOR NEUROLOGICAL PATIENTS
08:30 - 10:00 | HALL M2

CHAIRPERSON:
Abhijit Chaudhuri, ROMFORD, UK

Optimising quality of care in epilepsy
Elinor Ben-Menachem, GOTHENBORG, SWEDEN

Quality standards of multiple sclerosis service
Abhijit Chaudhuri, ROMFORD, UK

Health related quality of life in Parkinson’s disease
Bastiaan R. Bloem, NIJMEGEN, THE NETHERLANDS
Marjam Faber, NIJMEGEN, THE NETHERLANDS

Target Audience: Clinical academicians, Practitioners, Students/Residents/Trainees, Non-physician Health Professionals

Scientific Content: The definition of quality is care that is effective, safe and that provides a positive experience for patients. Quality of health care is a key concern in patients with long term neurological disorders. In this workshop, using examples of three common and chronic neurological conditions, the speakers will discuss measures to optimise care standards and quality of life in patients with epilepsy, multiple sclerosis and Parkinson’s disease. The presentations will aim to provide a standardised approach in assessing the performance and impact of clinical services in the care quality of these patients.

The learning objective of the workshop is to empower professionals to recognise the key elements of care pathways that can meet patients’ needs better and to challenge poor practices.

FOCUSED WORKSHOP 4: FRONTIER APPLICATIONS IN NEUROSONOLOGY
08:30 - 10:00 | HALL B4.M2

CHAIRPERSON:
David Russell, OSLO, NORWAY

Magnetic resonance guided focused ultrasound for neurological disorders
Ilana Schlesinger, HAIFA, ISRAEL

Ultrasound on the earth and in the orbit
Zsolt Garami, HOUSTON, USA

The unstable carotid artery plaque
David Russell, OSLO, NORWAY

Target Audience: Basic Scientists, Clinical academicians, Non-physician Health Professionals

Scientific Content: During the last years revolutionary developments could be experienced in the field of neurosonology. New imaging and hemodynamic methods enriched the treasure of neurosonology and opened new diagnostic avenues. Besides, the neurosonology became one of the efficient tool of therapy in the cerebrovascular and other neurological diseases. The focused workshop will discuss the advantages and problems of these new methods.
FOCUSED WORKSHOP 5: ABNORMAL MOVEMENTS IN SLEEP  
08:30 - 10:00 | HALL M4

CHAIRPERSON:  
Ramin Khatami, BARMELWEID, SWITZERLAND

**Regulation of motor control during sleep**  
Pierre-Hervé Luppi, LYON, FRANCE

**Simple motor movements**  
Alejandro Iranzo, BARCELONA, SPAIN

**Complex motor movements**  
Ramin Khatami, BARMELWEID, SWITZERLAND

**Target Audience:** (Basic Scientists), Clinical academicians, Practitioners, Students/Residents/Trainees

**Scientific Content:** Patients with complex motor movements present with a spectrum of semi-purposeful or non-purposeful movements arising from NREM- or REM-sleep. These movements typically last for minutes, and occur at sleep stages transitions or consolidated sleep stages. Movements are involuntary and characterized by repetitive stereotyped simple movements or irregular, unpredictable complex behaviours that occur as single event or clusters of episodes. Movements may include violent behaviour leading to self-injuries or unwarranted physical harm on others. Apart from injuries these movements can cause daytime symptoms such as excessive daytime sleepiness by disrupting sleep continuity or sleep quality. Complex motor movement of the adult population can result from various etiologically different conditions, including parasomnias, epilepsy, and psychiatric diseases. They frequently share common triggers such as sleep deprivation, fever or certain medications. This workshop will introduce the most common complex movements arising from NREM ad REM-sleep and related disorders including arousal disorders and rapid eye movement behavior disorders (RBD), nocturnal frontal lobe epilepsy (NFLE), or dissociative states and factitious disorders.

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FOCUSED WORKSHOP 6: NEW CONCEPTS ABOUT LANGUAGE PROCESSING IN THE BRAIN  
08:30 - 10:00 | HALL M0

CHAIRPERSON:  
Cornelius Weiller, FREIBURG, GERMANY

**The dual-loop model and aphasia**  
Cornelius Weiller, FREIBURG, GERMANY

---

The impact of bilingualism on cognitive functions across the lifespan and in brain diseases  
Thomas Bak, EDINBURGH, UK

The writing brain  
Jean-Francois Démonet, LAUSANNE, SWITZERLAND

**Target Audience:** Basic Scientists, Clinical academicians, Practitioners, Students/Residents/Trainees, Non-physician Health Professionals

**Scientific Content:** The dual loop model provides a domain general frame work of brain organisation. Its application to stroke patients may help in better understanding the fuzzy link of aphasia syndromes and brain lesions as well as recovery from aphasia. Bilingualism is associated with better cognitive performance in younger and older adults, also in people who have acquired their second language later in life and without reaching a perfect command of it. Writing offers an interesting framework between language and motor output. Many conditions, from Parkinson’s disease to developmental dyslexia, are interesting models to understand more how abstract orthography representations are transformed into motor output.

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SPECIAL SESSION 1: MDS-ES EUROPEAN BASAL GANGLIA CLUB  
08:30 - 10:30 | HALL A

CHAIRPERSONS:  
Kailash Bhatia, LONDON, UK  
Angelo Antonini, PADUA, ITALY

**Video Case Presentations**  
Various presenters

**Consciousness, Emotions and Basal Ganglia**  
Yves Agid, PARIS, FRANCE

**Scientific Content:** Every year the European Basal Ganglia Club features a prominent speaker to present a C. David Marsden Award lecture. During the 2nd congress of the European Academy of Neurology, it is an honor to have Prof. Yves Agid give a lecture on “Consciousness, Emotions and Basal Ganglia”. The lecture will be preceded by the presentation of video case studies. Presenters of the video case studies will have been chosen through an application and selection process in partnership with the European Editor of the Movement Disorders – Clinical Practice Journal, providing Young Neurologists presenting their cases with a chance to see their work become published.
SYMPOSIUM 1:  
MDS-ES/EAN: UPDATE IN MOVEMENT DISORDERS  
10:30 - 12:30 | HALL A  
CHAIRPERSONS:  
Joaquim Ferreira, LISBON, PORTUGAL  
K. Ray Chaudhuri, LONDON, UK  
Essential tremor  
Günther Deuschl, KIEL, GERMANY  
Non-motor symptoms in Parkinson’s disease  
K. Ray Chaudhuri, LONDON, UK  
Dystonia  
Espen Dietrichs, OSLO, NORWAY  
PSP/MSA  
Maria Stamelou, ATHENS, GREECE  
Scientific content: This symposium is dedicated to major recent developments in the field of movement disorders. Essential tremor definition is currently revised. Non-motor symptoms are becoming continuously more important for early diagnosis of PD and treatment. Major progress of the genetics and diagnosis of dystonias have been made and exciting new insights into the course and the causes of progressive supranuclear palsy and multiple system atrophies have been made.

SYMPOSIUM 2:  
NEUROSTIMULATION, WHAT CAN BE ACHIEVED IN...  
10:30 - 12:30 | HALL B  
CHAIRPERSONS:  
Paul Boon, GHENT, BELGIUM  
Sandra Boccard, OXFORD, UK  
...Movement disorders  
Marie Vidailhet, PARIS, FRANCE  
...Epilepsy  
Paul Boon, GHENT, BELGIUM  
...Chronic pain  
Sandra Boccard, OXFORD, UK  
Scientific content: This symposium will provide an overview of the current status of deep brain stimulation in the most prevalent neurological disorders in which it has been applied. Besides providing information on mechanism of action, indication, efficacy, safety, quality of life outcomes and practical procedures, a prospect for the future of these neuromodulation applications will be provided. The target audience is practicing neurologists who treat patients with difficult to treat Parkinson disease, epilepsy and pain.

SPECIAL SESSION 2:  
MUSIC AND NEUROLOGY - NEUROLOGICAL DISORDERS OF FAMOUS COMPOSERS  
08:30 - 10.00 | HALL B5.M1  
CHAIRPERSON:  
Tomislav Breitenfeld, ZAGREB, CROATIA  
Subarachnoid haemorrhage as a likely cause of Mendelssohn’s death  
Hansjörg Bäzner, STUTTGART, GERMANY  
Mozart’s possible neurological disorders  
Christopher Gardner Thorpe, EXETER, UK  
Stroke in famous composers  
Tomislav Breitenfeld, ZAGREB, CROATIA  
Wagner’s migraine and Gershwin’s uncinate seizures  
Vlasta Vukovic-Cvetkovic, GLOSTRUP, DENMARK  
Scientific Content: This special session will present a series of biopatho-graphies and short portraits of famous composers describing their biography, talent, creation and medical history. All presented famous composers suffered from different neurological disorders. Presentations will explain influence of those disorders on composer’s creativity. Audience will be allowed (and animated) to comment and discuss the interaction between neurological disorders and composer’s ability to create art. While trying to explain the complex relationship between neurological disorders and creativity through pathographies of famous composers, the organisers intend to present a new, really interesting and “something else from other topics” session. “We believe that it will turn into a memorable gathering of people who share the same passion, genuine love and enthusiasm for both, neurology and music. After all, Copenhagen with its glorious musical, cultural and medical history seems to be an ideal site for a special session „Neurological disorders of famous composers“.”

SPECIAL SESSION 7:  
NEUROLOGY ACROSS CONTINENTS: WFN/WHO  
09:00 - 10.00 | HALL C  
CHAIRPERSON:  
Raad Shakir, LONDON, UK  
The new WHO Neurology Atlas  
Raad Shakir, LONDON, UK  
Education Programmes of the WFN  
Steven Lewis, CHICAGO, USA  
The WFN teaching centres.  
Wolfgang Grisold, VIENNA, AUSTRIA  
Scientific content: This session will provide an overview of the current status of deep brain stimulation in the most prevalent neurological disorders in which it has been applied. Besides providing information on mechanism of action, indication, efficacy, safety, quality of life outcomes and practical procedures, a prospect for the future of these neuromodulation applications will be provided. The target audience is practicing neurologists who treat patients with difficult to treat Parkinson disease, epilepsy and pain.
SYMPOSIUM 3: THE CHANGING LANDSCAPE OF COMA TREATMENT  
10:30 - 12:30 | HALL C

CHAIRPERSONS:  
Steven Laureys, LIEGE, BELGIUM  
Daniel Kondziella, COPENHAGEN, DENMARK

Amantadine, benefit-risk balance in severe brain injury  
Joe Giacino, CHARLESTOWN, USA

Deep brain stimulation in the minimally conscious state: which targets?  
Jean Jacques Lemaire, CLERMONT-FERRAND, FRANCE

Modulating the anterior forebrain mesocircuit in disorders of consciousness  
Nicholas Schiff, NEW YORK, USA

Transcranial direct current stimulation: a promising new avenue  
Steven Laureys, LIÈGE, BELGIUM

Scientific content: The past years have provided an unprecedented collection of discoveries that bear upon our scientific understanding of recovery of consciousness following severe brain damage. Highlighted among these findings are unique demonstrations that patients with little or no behavioral evidence of conscious awareness (e.g., minimally conscious and unresponsive wakefulness/vegetative states) may retain critical cognitive capacities and the first scientific demonstrations that some patients, with severely injured brains and longstanding conditions of limited behavioral responsiveness, may nonetheless harbor latent capacities for recovery – either spontaneously or related to pharmacological interventions (e.g., amantadine) or electrical stimulation (e.g., deep brain stimulation and transcranial direct current stimulation).

SYMPOSIUM 4: EVOLVING CONCEPTS IN THE MANAGEMENT OF GLIOMAS  
10:30 - 12:30 | HALL M1

CHAIRPERSONS:  
Riccardo Soffietti, TURIN, ITALY  
Michael Weller, ZÜRICH, SWITZERLAND

How to integrate molecular markers of prognostic significance in the new WHO classification?  
Johan Kros, ROTTERDAM, THE NETHERLANDS

Will new forms of immunotherapy improve the outcome of glioblastomas?  
Michael Weller, ZÜRICH, SWITZERLAND

From chemotherapy to targeted therapy in low grade gliomas  
Riccardo Soffietti, TURIN, ITALY

New developments in neuroimaging to monitor response and toxicity following antiangiogenic agents  
Wolfgang Wick, HEIDELBERG, GERMANY

Scientific content: The aim of the symposium is to provide an update on the recent advances in terms of molecular diagnosis and treatment modalities of both high and low grade gliomas. Overall, these advances have led to new concepts of management of these tumors. The target audience is represented either by general neurologists, who are involved in the diagnostic and follow-up phases of management of brain tumors or more specifically neurologists with interest in the whole management of gliomas.
ISNI
13th International Congress of Neuroimmunology
1st GSNI Course
Global Schools of Neuroimmunology
ESNI - ASNI - APSNI

26 - 29 September 2016  Jerusalem, Israel
3rd European Stroke Organisation Conference
16-18 May, 2017 | Prague, Czech Republic

Mark Your Calendar

www.esoc2017.com
TEACHING COURSE 1:
ACUTE MANAGEMENT OF STROKE – LEVEL 2
14:45 - 18:15 | HALL A

CHAIRPERSON:
Robert Mikulik, BRNO, CZECH REPUBLIC

Acute Ischemic Stroke – what you should do in the first 4.5 hours
Dejana Jovanovic, BELGRADE, SERBIA

What you should do in the first 6-12 hours
Urs Fischer, BERN, SWITZERLAND

What you should do in the first 24-48 hours
Bart van der Worp, UTRECHT, THE NETHERLAND

What you should do in the first days
Robert Mikulik, BRNO, CZECH REPUBLIC

Recanalisation strategies in acute stroke aim to establish revascularization. Endovascular techniques have shown benefit up to 8 h after stroke onset in the proximal anterior circulation, in addition to rtPA compared to rt-PA alone. In selected patients with malignant anterior circulation infarct, decompressive surgery reduces mortality. This teaching course is divided into four different time frames in order to cover the main decision-making processes in acute stroke, starting from the onset of stroke, how to decrease DNT to perform intravenous thrombolysis, provide an overview on thrombectomy, to the selection of patients for hemicraniectomy and when to start early secondary prevention.

Paediatric movement disorders is a relatively new and exciting field of Child Neurology. In this session, the faculty will provide clear descriptions of the diagnosis and management of various movement disorders in children, with emphasis on their clinical features. They will concentrate on selected important conditions chosen because of their clinical relevance, potential benefit of treatment or because they cover a relatively new or poorly understood area. The session is supplemented by videos.

TEACHING COURSE 3:
NEURO-OPTHALMOLOGICAL EMERGENCIES – LEVEL 2
14:45 - 18:15 | HALL M2

CHAIRPERSON:
Gordon Plant, LONDON, UK

Visual loss
Gordon Plant, LONDON, UK

Diplopia
Konrad Weber, ZURICH, SWITZERLAND

Spontaneous nystagmus
Michael Strupp, MUNICH, GERMANY

Pupillary deficits
Aki Kawasaki, LAUSANNE, SWITZERLAND

The course will review the diagnosis and management of common Neuro-Ophthalmological emergencies. The discussion will centre around three syndromic presentations, Acute Monocular Visual Loss, Acute Bilateral Visual Loss and Acute Ophthalmoplegia. Consideration will also be given to situations when the presence of nystagmus or pupillary abnormalities can give important clues in the acute setting. After attending the course the trainees can expect to have a clearer understanding of the how the Neuro-Ophthalmic aspects of history taking and examination can be employed in the emergency setting to better manage patients.

TEACHING COURSE 4:
TESTING FOR AUTO-ANTIBODIES IN NEUROLOGICAL DISORDERS – LEVEL 2
14:45 - 18:15 | HALL M1

CHAIRPERSONS:
Johann Sellner, SALZBURG, AUSTRIA
Maarten J. Titulaer, ROTTERDAM, THE NETHERLANDS

Neuropathies and myasthenic syndromes
Jan J.G.M. Verschuuren, LEIDEN, THE NETHERLANDS

The course will review the diagnosis and management of common Neuro-Ophthalmological emergencies. The discussion will centre around three syndromic presentations, Acute Monocular Visual Loss, Acute Bilateral Visual Loss and Acute Ophthalmoplegia. Consideration will also be given to situations when the presence of nystagmus or pupillary abnormalities can give important clues in the acute setting. After attending the course the trainees can expect to have a clearer understanding of the how the Neuro-Ophthalmic aspects of history taking and examination can be employed in the emergency setting to better manage patients.
Myelopathic and rhombencephalitic syndromes
Johann Sellner, SALZBURG, AUSTRIA

Epilepsy and status epilepticus in autoimmune encephalitis
Maarten J. Titulaer, ROTTERDAM, THE NETHERLANDS

Psychosis, movement disorders or rapid progressive dementia and autoimmune encephalitis
Josep O. Dalmau, BARCELONA, SPAIN

This teaching course will provide practical guidance to the emerging field of auto-antibodies in different neurological disorders. In recent years the number of autoantibodies against targets in the central as well as the peripheral nervous system has expanded. The knowledge of the underlying pathogenesis helps to understand the clinical features and course of the disease, and defines the treatment options. The speakers will discuss which patients should be tested (and re-tested) for autoantibodies, which panel of antibodies to consider, which assay to use and whether antibody titers are relevant for treatment decisions. Furthermore, the current state of therapeutic options, as well as new treatments that are being developed, will be covered.

TEACHING COURSE 5:
PHARMACOLOGICAL AND NON-PHARMACOLOGICAL TREATMENTS IN ALZHEIMER’S DISEASE - LEVEL 2
14:45 - 18:15 | HALL M4

CHAIRPERSON:
Bruno Dubois, PARIS, FRANCE

Ethical limitations and considerations on prodromal Alzheimer’s disease diagnosis and treatment
Giovanni Frisoni, BRESCIA, ITALY

Prevention strategies
Philip Scheltens, AMSTERDAM, NETHERLANDS

Development of novel pharmacological treatment in Alzheimer’s disease: an update
Jakub Hort, PRAGUE, CZECH REPUBLIC

The preclinical state of AD: is it a new target for intervention?
Bruno Dubois, PARIS, FRANCE

The course is dedicated to pharmacological and non-pharmacological intervention. The course provides an update on new approaches in the treatment of the patients with AD given the lack of efficacy of the current valuable therapies. The move to early phase of the disease, including the prodromal stage, is important to consider together with ethical considerations, which need to be addressed.

TEACHING COURSE 6:
EXPERIMENTAL STUDY DESIGNS IN NEUROLOGICAL DISORDERS - LEVEL 2
14:45 - 18:15 | HALL M5

CHAIRPERSON:
Maura Pugliatti, FERRARA, ITALY

The methodological bases of clinical trial designs
Ettore Beghi, MILAN, ITALY

Clinical trials: practical examples - stroke
Georgios Tsivgoulis, ATHENS, GREECE

Meta-analysis in clinical trials
Tony Marson, LIVERPOOL, UK

Writing your protocol for clinical studies in Neurology
Maura Pugliatti, FERRARA, ITALY

This TC on Experimental Study Designs (ESD) is part of an educational programme on Neuroepidemiology aimed to improve knowledge about study methodology, as fundamental basis for good scientific research, and started in 2014 with an introductory course on descriptive epidemiology. Analytical Study Designs (e.g. ESD) imply ‘comparison’ across groups differing for an ‘exposure’ assigned by the investigator: the highest hierarchical methodology to investigate association between exposures and outcomes. Among ESD are randomized clinical trials (RCTs). The TC will include lectures on clinical trials (methodological bases, examples with stroke, use of meta-analysis), and a practical session for developing a research protocol.
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ANNUAL MEETING OF THE
THE CONSORTIUM OF MULTIPLE SCLEROSIS CENTERS
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Manfred Windisch, Austria, Executive Organizer

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ORAL SESSION:
AUTONOMIC NERVOUS SYSTEM DISORDERS AND CLINICAL NEUROPHYSIOLOGY
14:45-16:15 | HALL B5. M2
CHAIRPERSONS:
Max Hilz, ERLANGEN, GERMANY
Walter Struhal, LINZ, AUSTRIA

O 1101
14:45
Intravascular electroencephalography: a pilot study in patients undergoing neuro-interventional surgery
V. Keereman, P. van Mierlo, L. Defreyne, P.A. Boon  I GHENT, BELGIUM

O 1102
15:00
Fatigue of forearm extensor muscles induced by repetitive peripheral magnetic stimulation in healthy subjects
C. Cabib1, M. Garcia-Magaña2, M. Morales1, L. Izquierdo-Robert1, P. Pereira1, P. Arias1, J. Valls-Sole1  I 1BARCELONA, SPAIN, 2GUADALAJARA, MEXICO

O 1103
15:15
De-synchronization does not contribute to intra-cortical inhibition and facilitation: a paired-pulse paradigm combined with triple stimulation study
L. Caranzano, M.A. Stephan, F. Herrmann, D. Benninger  I LAUSANNE, SWITZERLAND

O 1104
15:30
Autonomic dysfunction in Wilson’s disease: a comprehensive evaluation
K. Li, C. Lindauer, R. Haase, H. Reichmann, U. Reuner, T. Ziemssen  I DRESDEN, GERMANY

O 1105
15:45
The diagnostic accuracy of Sudoscan in transthyretin familial amyloid polyneuropathy
J. Castro, B. Miranda1, I. Castro, M. Carvalho, I. Conceição  I LISBON, PORTUGAL

O 1106
16:00
Combined CV and sudomotor autonomic testing to differentiate multiple system atrophy from Parkinson’s disease
A. Pavly-Le Traon1, C. Brefel-Courbon1, F. Ory-Magne2, O. Rascof, J.-H. Calvet1, J.-M. Senard1  I TOULOUSE, PARIS, FRANCE

ORAL SESSION:
EPILEPSY 1
14:45-16:15 | HALL M0
CHAIRPERSONS:
Reetta Kälviäinen, KUOPIO, FINLAND
Tim von Oertzen, LINZ, AUSTRIA

O 1107
14:45
Localizing value of electrical source imaging as compared to SEEG: which patients are the best candidates?
C. Abdallah1, L. Koessler1, E. Rikir2, J.P. Vignali3, S. Colnot-Coubois1, M. Gavaret1, L. Maillard1  I 1NANCY, FRANCE, 2LIEGE, BELGIUM, 3MARSEILLES, FRANCE

O 1108
15:00
Long-term prognosis of epilepsy and drug-resistance
E. Beghi1, G. Giussani1, V. Canelli1, E. Bianchi2, G. Erba3, C. Franchi1, A. Nobili1, L.J. Sander1  I 1MILAN, ITALY, 2ROCHESTER, USA, 3LONDON, UK

O 1109
15:15
Cognitive problems among children exposed to antiepileptic drugs: preliminary data
L.S. Elkjær1, B.H. Bech, T.M. Laursen, J. Christensen  I 1AARHUS, DENMARK

O 1110
15:30
MiR - 155: a biomarker with a dual role in epilepsy?

O 1111
15:45
Predicting outcome of epilepsy after meningioma resection

O 1112
16:00
Long-term, observational study evaluating the impact of VNS therapy on SUDEP in drug resistant epilepsy patients
P. Ryvlin1, D. Hesdorffer2, M. Sperling3, E. So4, O. Devinsky5, D. Friedman5, M. Bunker6, C. Gordon6, B. Olin6  I 1LAUSANNE, SWITZERLAND, 2NEW-YORK, USA, 3PHILADELPHIA, 4ROCHESTER, 5NEW YORK, 6HOUSTON, USA
ORAL SESSION: MOVEMENT DISORDERS 1
14:45-15.45 | HALL C
CHAIRPERSONS:
Joaquim Ferreira, LISBON, PORTUGAL (TBC)
Kailash Bhatia, LONDON, UK

O 1113
Abstract cancelled

O 1114
Clinical and genetic heterogeneity of paroxysmal dyskinesias

O 1115
Predicting incident impulse control disorder behaviour in Parkinson’s disease patients using a clinical-genetic model
J. Kraemmer1, K. Smith2, D. Weintraub2, M. Nalls3, F. Cormier-Dequaire1, V. Guillemot1, I. Moszer1, A. Brice1, A. Singleton3, J.-C. Corvol1  I 1PARIS, FRANCE, 2PHILADELPHIA, 3BETHESDA, USA

O 1116
Long-term effect of Epoetin alfa on clinical and biochemical markers in Friedreich Ataxia
F. Sacca1, G. Puorro1, A. Marsili1, A. Antenora1, C. Pane2, C. Casali3, C. Marconcini2, G. Defazio4, D. Liuzzi4, C. Tatillo4, D.M. Cambriglia4, G. Schiano Di Cola4, L. Giuliani4, V. Guardasole1, A. Salzano1, A. Ruvolo1, A. de Rosa1, A. Cittadini5, G. de Michele6, A. Filla7  I 1NAPLES, 2ROME, 3BARI, ITALY

O 1117
Guided focused ultrasound thalamotomy for tremor
I. Schlesinger, A. Eran, A. Sina, I. Erikh, M. Nassar, D. Goldsher, M. Zaaroor  I HAIFA, ISRAEL

O 1118
Abstract cancelled

ORAL SESSION: MS AND RELATED DISORDERS 1
14:45-16:15 | HALL B
CHAIRPERSONS:
Mads Ravnborg, COPENHAGEN, DENMARK
Per Soelberg Sørensen, COPENHAGEN, DENMARK

O 1119
Dysregulation of energy metabolism in multiple sclerosis measured in-vivo with diffusion-weighted spectroscopy
B. Bodini1, F. Branzoli1, E. Poirion1, D. Garcia-Lorenzo1, E. Maillart1, J. Socha1, G. Bera1, C. Lubetzki1, I. Ronen2, S. Leheny1, B. Stankoff1  I 1PARIS, FRANCE, 2LEIDEN, NETHERLANDS

O 1120
Cross-modal plasticity among sensory networks in neuromyelitis optica spectrum disorders
M.A. Rocca1, F. Savoldi1, P. Valsasina1, A. D’ambrosio2, M. Radaelli2, P. Preziosi2, G. Comi3, A. Falini4, M. Filippi5  I 1MILAN, 2NAPLES, ITALY

O 1121
Age and disability drive cognitive impairment in multiple sclerosis independent of disease subtype: insights from an Italian multicentre study
L. Ruano1, E. Portaccio2, B. Ghezzi3, N. Ratafia4, P. Mattis5, M. Roscio6, F. Mattioli1, C. Stampatori1, M. Trojano6, R.G. Viterbo8, M.P. Amato2  I 1PORTO, PORTUGAL, 2FLORENCE, 3CATANIA, 4CATANIA, 5PADUA, 6GALLARATE, 7BRESCIA, 8BARI, ITALY

O 1122
Longitudinal changes in structural cortical networks after clinically isolated syndrome

O 1123
Systematic review of ganglion cell layer changes measured by optical coherence tomography in multiple sclerosis and optic neuritis
J. Britzel1, J.L. Frederiksen2  I 1COPENHAGEN, 2GLOSTRUP, DENMARK

O 1124
Cerebellar contribution to motor and cognitive impairment in multiple sclerosis patients: an MRI sub-regional structural analysis
A. D’ambrosio1, M.A. Rocca, E. Pagani, G.C. Riccitelli, B. Colombo, M. Rodegher, A. Falini, G. Comi, M. Filippi  I 1MILAN, ITALY
SATURDAY, 28 MAY

14:45 - 16:15

ORAL SESSION: NEUROEPIDEMIOLOGY
14:45-16:15 | HALL B5.M1
CHAIRPERSONS:
David Gaist, ODENSE, DENMARK
Vitalie Lisnic, CHISINAU, MOLDAVIA

O 1125 14:45
The burden of neurological diseases in Hungary. The initial database of the NEUROHUN-2004–2017 project
D. Bereczki, A. Ajtay, F. Oberfrank I BUDAPEST, HUNGARY

O 1126 15:00
Diagnosing hereditary neuropathies in the clinic with next-generation sequencing technology, the Norwegian experience
H. Høyer1, Ø. L. Busk1, Ø. L. Holla1, L. Strand1, C. F. Skjelbred1, M. B. Russell2, G. J. Braathen1 1SKIEN, 2LORENSKOG, NORWAY

O 1127 15:15
Temporal trends in transthyretin familial amyloid polyneuropathy survival over the last 100 years
M. Ines1, T. Coelho1, M. Carvalho1, J. Costa1 I LISBON, PORTO, PORTUGAL

O 1128 15:30
Epidemiology of Listeria monocytogenes meningitis in the Netherlands, 1985–2014
M. Koopmans, M. Brouwer, A. van der Ende, D. van de Beek I AMSTERDAM, NETHERLANDS

O 1129 15:45
Seasonal changes in the incidence of transient global amnesia
N. Lev, O. Keret, I. Steiner I PETACH TIKVA, ISRAEL

ORAL SESSION: NEUROGENETICS
14:45-16:15 | HALL B4. M1
CHAIRPERSONS:
Jörgen Nielsen, COPENHAGEN, DENMARK
Jean-Marc Burgunder, BERN, SWITZERLAND

O 1131 14:45
Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy: cross-sectional and preliminary longitudinal data in a cohort of 13 patients
A. Castellano1, N. Papinutto2, G. Brugnara2, G. Scigliuolo3, A. Falini4, R. Henry5, D. Pareyson1, L. Politi5, E. Salsano1 1MILAN, ITALY, 2SAN FRANCISCO, USA

O 1132 15:00
Variants in four genes on chromosome 12 is associated with intermediate Charcot–Marie– Tooth disease
G. J. Braathen1, H. Høyer1, Ø. L. Busk1, K. Tveten1, C. F. Skjelbred1, M. B. Russell2 I MILAN, ITALY, 2ROCHESTER, USA, 3LONDON, UK

O 1133 15:15
Low cancer prevalence in polyglutamine expansion diseases
G. Coarelli1, A. Diallo1, F. Caivias1, P. Charles1, C. Tosi Marelli2, C. Ewenczyk1, C. Tranchant3, M. Chikviladze4, M.-L. Monin1, B. Carlander2, M. Anheim3, F. Mochel1, A. Brice1, S. Tezenas Du Montcel1, S. Humbert4, A. Durr5 I PARIS, 2MONTPELLIER, 3STRASBOURG, 4GRENOBLE, FRANCE

O 1134 15:30
An SPG2/PLP1 mutation mimicking multiple sclerosis in a family identified through targeted next generation sequencing
A. Rubegni1, A. Tessa1, C. Battisti1, E. Storti2, A. Cerese2, A. Malandrini1, F. Santorelli1, A. Federico2 I SIENA, ITALY

O 1135 15:45
Idebenone is effective and well tolerated in Leber’s Hereditary Optic Neuropathy (LHON): results of a 3-year Expanded Access Program (EAP)
T. Klopstock1, G. Metz2, C. Gallenmüller1, T. Meier2, C. Catarino1 1MUNICH, GERMANY, 2LIESTAL, SWITZERLAND

O 1136 16:00
Patients carrying a loss-of-function mutation in ABCA7 exhibit a classical late-onset Alzheimer’s disease phenotype
T. van Den Bossche1, K. Sleegers1, S. Engelborghs1, A. Sieben1, A. de Roeck1, M. Vandenbulte2, R. Vandenberghen1, J. J. Martin1, P. P. de Deyn1, P. Cras1, C. van Broeckhoven1 I ANTWERP, 2LEUVEN, BELGIUM
**ORAL SESSION: CEREBROVASCULAR DISEASES 1**
16:30-18:15 | HALL C

**CHAIRPERSONS:**
Tove Henriksen, HELLERUP, DENMARK
Daniel Strbian, HELSINKI, FINLAND

**O 1201**
16:30
Physicians are more certain when prescribing thrombolysis to MRI-examined stroke patients

**C.K. Hansen , A. Christensen, I. Havsteen, H.K. Christensen**

**COPENHAGEN, DENMARK**

**O 1202**
16:45
Mortality and use of psychotropic medication in stroke patients: a population-wide register-based study

**P.J. Jernum**, A.O. Baandrup, H.K. Iversen, R. Ibsen, J. Kjellberg

**1GLOSTRUP - COPENHAGEN, 2ROSKILDE, 3GLOSTRUP, 4AARHUS, 5COPENHAGEN, DENMARK**

**O 1203**
17:00
Non-infectious complications of acute stroke and their impact on hospital mortality in an urban Polish stroke unit: changes from 1995 to 2013

**M. Karlinski, J. Bembenek, A. Baranowska, I. Kurkowska-Jastrzebska, A. Członkowska**

**WARSAW, POLAND**

**O 1204**
17:15
Does the proportion of single-chain rtPA influence outcomes in patients with cerebral ischemia?

**D. Leys**, I. Sibon, J.-L. Mas, T. Moulin, M. Giroud, R. Bordet, D. Vivien

**1LILLE, 2BORDEAUX, 3PARIS, 4BESANÇON, 5DIJON, 6CAEN, FRANCE**

**O 1205**
17:30
Early start of NOAC after an acute cerebrovascular event: risk of intracranial hemorrhage and recurrent events

**D. Seiffge, C. Traenka, A. Polymeris, L. Hert, R. Sutter, N. Peters, P. Lyrer, L. Bonati, S. Engelter, G.M. de Marchis**

**BASEL, SWITZERLAND**

**O 1206**
17:45
The rs12041331G alleles are associated with aspirin response in ischemic stroke patients in China

**Y. Xu, X. Zhang, Y. Shao**

**NANJING, CHINA**

**O 1207**
18:00
Endovascular therapy versus medical care alone for ischemic stroke: a systematic review and meta-analysis of 10 RCTs


**LISBON, PORTUGAL**

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**ORAL SESSION: MOTOR NEURONE DISEASE**
16:30-18:15 | HALL B4.M1

**CHAIRPERSONS:**
Federica Agosta, MILAN, ITALY
Orla Hardiman, DUBLIN, IRELAND

**O 1208**
16:30
Long-term survival of 3000 transthyretin familial amyloid polyneuropathy patients over 100 years

**M. Ines**, T. Coelho, I. Concejao, P. Saramago, M. Carvalho, J. Costa

**1LISBON, 2PORTO, PORTUGAL, 3YORK, UK**

**O 1209**
16:45
GDAP1 mutations in Spain: a nationwide study


**1VALENCIA, 2SANTIAGO DE COMPOSTELA, 3SANTIAGO, 4SAN SEBASTIAN, 5SAN SEBASTIÁN, 6SEVILLE, 7BARCELONA, 8MADRID, 9ALICANTE, SPAIN**

**O 1210**
17:00
Structural and functional MRI signatures of ALS patients with C9orf72 hexanucleotide repeat expansion


**1MILAN, 2SAN GIOVANNI ROTONDO, MILAN, ITALY**

**O 1211**
17:15
The utility of multimodal imaging in the diagnosis of ALS

**P.M. Ferraro, F. Agosta, N. Riva, M. Copetti, Y. Falzone, A. Chiò, G. Soraru, G. Comi, A. Falini, M. Filippi**

**1SAN GIOVANNI ROTONDO, 2TURIN, 3PADUA, ITALY**

**O 1212**
17:30
Deconstructing caregiver burden in amyotrophic lateral sclerosis – adding a qualitative perspective

**M. Galvin, T. Burke, B. Corr, C. Madden, I. Mays, R. McQuillan, V. Timonen, A. Staines, O. Hardiman**

**DUBLIN, IRELAND**

**O 1213**
17:45
The CANALS study: a randomized, double-blind, placebo-controlled, multicentre study to assess the safety and efficacy on spasticity symptoms of a cannabis sativa extract in motor neuron disease Patients


**1MILAN, 2PADUA, ITALY**

**O 1214**
18:00
Neurofilament light chain protein as a biomarker in ALS differential diagnoses

**D. Primdahl, K. Svenstrup, K. Winge, N. Heegaard, K. Hansen**

**COPENHAGEN, DENMARK**
ORAL SESSION:
SLEEP DISORDERS
16:30–18:00 | HALL B5.M2
CHAIRPERSONS:
Poul Jennum, COPENHAGEN, DENMARK
Pierre Maquet, LIEGE, BELGIUM (TBC)

O 1215
Sleep transitions in hypocretin deficient narcolepsy
M. H. Hansen, B. Kornum, P. J. Jennum I 1GLOSTRUP, 2COPENHAGEN, 3GLOSTRUP - COPENHAGEN, DENMARK

O 1216
Hypocretin-reactive CD4+ T-cells in narcoleptic patients
D. Latorre, E. Armentani, U. Kallweit, M. Manconi, R. Khatami, C. Bassetti, F. Sallusto I 1BELLINZONA, 2BERNE, SWITZERLAND, 3LUGANO, ITALY, 4BARMELWEID, SWITZERLAND

O 1217
Alzheimer's disease cerebrospinal-fluid biomarkers are altered in untreated but normal in continuous positive airway pressure treated obstructive sleep apnea patients
C. Liguori, N. B. Mercuri, F. Izzi, G. Sancesario, A. Romigi, A. Cordella, F. Placidi I ROME, ITALY

O 1218 Abstract cancelled

O 1219
White matter lesion burden and sleep disordered breathing in acute stroke
A. Seiler, M. Camilo, S. Ott, S. Miano, R. Wiest, C. Bassetti I 1BERNE, 2LUGANO, SWITZERLAND

O 1220 The comparison of cerebral hemodynamics between patients with obstructive sleep apnea syndrome (OSA) and periodic limb movement disorder (PLMD) during sleep
Z. Zhang, M. Schneider, M. Laures, M. Qi, R. Khatami I BARMELWEID, SWITZERLAND

O 1221 Does vitamin D play a role in restless legs syndrome/Willis Ekbom disease?
A. Stefani, T. Mitterling, G. Weiss, B. Högl I INNSBRUCK, AUSTRIA

ORAL SESSION:
EPILEPSY 2
16:45–18:15 | HALL M0
CHAIRPERSONS:
Jukka Peltola, TAMPERE, FINLAND
Elinor Ben-Menachem, GOTHENBURG, SWEDEN (TBC)

O 1222 Efficacy and tolerability of lacosamide monotherapy in patients with newly diagnosed epilepsy: A randomized double-blind trial versus controlled-release carbamazepine
M. Baulac, F. Rosenow, M. Toledo, K. Terada, T. Li, M. de Backer, K. J. Werhahn, M. Brock I 1PARIS, FRANCE, 2FRANKFURT AM MAIN, GERMANY, 3BARCELONA, SPAIN, 4SHIZUOKA, JAPAN, 5RALEIGH, USA, 6BRUSSELS, BELGIUM, 7MONHEIM AM RHEIN, GERMANY

O 1223 Abstract cancelled

O 1224 Verbal learning and memory outcome in selective amygdalohippocampectomy versus temporal lobe resection in 108 patients with hippocampal sclerosis

O 1225 Exposure-response analysis of adjunctive everolimus therapy in patients with refractory partial-onset seizures associated with tuberous sclerosis complex (TSC)
J. French, J. Lawson, Z. Yapici, T. Polster, R. Nabbout, P. Curato, P. de Vries, N. Berkowitz, M. Voit, S. Peyrard, A. Vaury, D.N. Franz I 1NEW YORK, INDIA, 2NEW YORK, INDIA, 3RANDWICK, AUSTRALIA, 4ISTANBUL, TURKEY, 5BIELEFELD, GERMANY, 6PARIS, FRANCE, 7ROME, ITALY, 8CAPE TOWN, SOUTH AFRICA, 9NEW JERSEY, USA, 10RUEIL-MALMAISON, FRANCE, 11OHIO, USA

O 1226 Sleep-related hypermotor seizures arising outside the frontal lobe: a review of 44 surgically treated cases

O 1227 Diagnostic accuracy of Salzburg criteria for nonconvulsive status epilepticus

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016
ORAL SESSION: MS AND RELATED DISORDERS 2
16:45-18:15 | HALL B

CHAIRPERSONS:
Ludwig Kappos, BASEL, SWITZERLAND (TBC)
Xavier Montalban, BARCELONA, SPAIN

O 1228
16:45
Efficacy and Safety of Tocilizumab for the Treatment of Refractory Neuromyelitis Optica
L. Moiola1, G. Dalla Costa1, F. Sangalli1, M. Romeo1, M. Radaelli1, M. Falcini2, M. Capobianco3, S. Malucchi3, G. Comi1, V. Martinelli1 1MILAN, 2PRATO 3ORBASSANO, ITALY

O 1229
17:00
Efficacy of ocrelizumab in patients with primary progressive MS with and without T1 gadolinium-enhancing lesions at baseline in a Phase III, placebo-controlled trial
J. Wolinsky1, D. Arnold2, A. Bar-or3, J. de Seze3, G. Giovannoni4, C. Pasteris5, E. Vauleon6, J.-M. Constans7, M. Barrie-Attarian2, A. Assouline1, J. Savatovsky1, A. Idbaih1, K. Mokhtari1, N. Martin-Duverneuil2, R. Guillemin3, D. Figarella Branger14, S. Blond14, C. Ramirez14, H. Loiseau15, F. Laigle-Donadey1 1PARIS, 2MONTPELLIER, 3LYONS, 4BESANCON, 5ROUEN, 6ANGERS, 7NIMES, 8RENNES, 9AMIENS, 10MARSEILLES, 11POITIERS, 12LILLE, 13POITIERS, 14LILLE, 15BORDEAUX, FRANCE

O 1230
17:15
Myelin lipids attenuate Th17-cell during autoimmune demyelination
M. Mycko1, B. Sliwinska1, M. Cichalewska1, H. Cwiklinska1, C.S. Raine2, K.W. Selmaj1 1LODZ, POLAND, 2BRONX, USA

O 1231
17:30
Anoctamin 2 identified as an autoimmune target in multiple sclerosis
B. Ayoglu, N. Mitsios, I. Kockum, T. Olsson, P. Nilsson 1STOCKHOLM, SWEDEN

O 1232
17:45
Ocrelizumab no evidence of disease activity (NEDA) status at 96 weeks in relapsing multiple sclerosis patients: analysis of the OPERA I and OPERA II studies
A. Traboulsee1, D. Arnold2, A. Bar-or3, G. Comi3, H.-P. Hartung4, L. Kappos5, F. Lublin6, K. Selmaj3, G. Klingelschmitt4, D. Masterman4, P. Fontoura4, P. Chin4, H. Garren4, S. Hauser9 1VANCOUVER, 2MONTREAL, CANADA, 3MILAN, ITALY, 4DUSSSeldorf, GERMANY, 5BASEL, SWITZERLAND, 6NEW YORK, USA, 7LODZ, POLAND, 8SOUTH SAN FRANCISCO, 9SAN FRANCISCO, USA

O 1233
18:00
Neural correlates of motor fatigue and fatigability in multiple sclerosis: a functional MRI study
O. Svolgaard, K.W. Andersen, C. Bauer, K. Madsen, M. Blinkenberg, F. Selleberg, H.R. Siebner 1COPENHAGEN, DENMARK

ORAL SESSION: NEURO-ONCOLOGY
16:45-18:15 | HALL B5.M1

CHAIRPERSONS:
Michael Weller, ZURICH, SWITZERLAND
Riccardo Soffietti, MILAN, ITALY

O 1234
16:45
IDH mutation and 1p19q codeletion distinguish two radiological patterns of diffuse low-grade gliomas
A. Darlix1, J. Deverdun1, C. Gozé1, F. Castani1, S. Zouaoui1, V. Rigau1, M. Fabbro1, Y. Yordanova2, E. Le Bars1, L. Bauchet1, N. Menjon de Champfleur1, H. Duffau1 1MONTPELLIER, FRANCE, 2PARIS, FRANCE

O 1235
17:00
GLITRAD: A national multidisciplinary group dedicated to brainstem gliomas (BSG) in adults
A. Duran-Pena1, L. Bauchet2, S. Grand3, D. Frappaz4, V. Rigau5, M.-H. Baron5, C. Pasteris6, O. Langlois7, F. Ducray4, E. Nader8, J.-S. Guillamo9, K. Mokhtari1, N. Martin-Duverneuil2, R. Guillemin3, D. Figarella Branger14, S. Blond14, C. Ramirez14, H. Loiseau15, F. Laigle-Donadey1 1PARIS, 2MONTPELLIER, 3LYONS, 4BESANCON, 5GROUEN, 6ANGERS, 7NIMES, 8RENNES, 9AMIENS, 10MARSEILLES, 11POITIERS, 12LILLE, 13POITIERS, 14LILLE, 15BORDEAUX, FRANCE

O 1236
17:15
Dural metastases in 14 patients with systemic cancer: an exploratory retrospective study
M. Acker1, M. Loyoddin, B. Horvath-Mechtler, A. Grisold, B. Surboeck, W. Grisold 1VIENNA, AUSTRIA

O 1237
17:30
Clinical characteristics and outcome of neurosarcoïdosis: a meta-analysis
D. Fritz, D. van de Beek, M. Brouwer 1AMSTERDAM, NETHERLANDS

O 1238
17:45
Risk for prescription of psychotropic drugs among partners of glioma patients: a nationwide registry study

O 1239
18:00
MEK inhibitor-related rhabdomyolysis
S. Koeppen, B. Schilling, L. Zimmer, D. Schadendorf 1 Essen, Germany
HOW TO IMPROVE YOUR CHANCES 1: EUROPEAN JOURNAL OF NEUROLOGY SESSION: "HOW TO WRITE AND PUBLISH ACADEMIC PAPERS?"

16:45-18:15 | HALL M3

CHAIRPERSON
Anthony Schapira, LONDON, UK

Writing a paper and increasing its chances of publication
Anthony Schapira, LONDON, UK

Writing for publication - the publisher’s perspective
Silvana Losito, OXFORD, UK

Authorship issues and fraud in scientific publishing
Pertti Saloheimo, ESPOO, FINLAND

In this course the speakers will address the following points:

1. How to set about planning a paper for publication
2. Maximizing your chances of success
3. What not to do when trying to publish
4. What is the publisher’s perspective on the publication process?
5. How can you ensure that your paper has the greatest impact?
6. The ICMJE criteria for authorship and challenges in defining authorship
7. Plagiarism and other types of fraud in science publication
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DO YOU AGREE WITH THEIR DEFINITION OF AGGRESSIVE MS?

PERMANENT OR REVERSIBLE?

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- TREATMENT SAFETY MONITORING
12th European Congress on Epileptology

11th-15th Sept 2016

Prague
**POSTER SESSION**

**AGEING AND DEMENTIA 1**

**12:30-13:15 | SCREEN A2**

**CHAIRPERSONS:**
Pasquale Calabrese, BASEL, SWITZERLAND

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**P 11001**  
“I think I caught Alzheimer’s disease in the surgery”  
I MADRID, SPAIN

**P 11002**  
Abstract cancelled

**P 11003**  
Abstract cancelled

**P 11004**  
The latent cognitive impairment – an unrecognized disorder  
Y. Balash, A.D. Korczyn, T. Gurevich  
I TEL AVIV, ISRAEL

**P 11005**  
Cases of posterior cortical atrophy with and without amyloid pathology: is there any difference?  
I MILAN, ITALY

**P 11006**  
Infectious dementias. Experience of the Memory center of Rabat.  
M. Benabdellah, N. Essahli, M. Rahmani, S. Aidi, M. El Alouai Foris  
I RABAT, MOROCCO

**P 11007**  
Heterogeneous clinical manifestation of familial Creutzfeldt-Jakob disease with D178N mutation  
F. Caisberger, J. Kuchyňka, Z. Pavelek, R. Herzig, M. Valis  
I HRADEC KRALOVE, CZECH REPUBLIC

**P 11008**  
Multimodal imaging to distinguish in-vivo early onset Alzheimer’s disease from behavioral variant of frontotemporal dementia  
I MILAN, SAN GIOVANNI ROTONDO, ITALY, BELGRADE, SERBIA

**P 11009**  
Abstract cancelled

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**POSTER SESSION**

**AUTONOMIC NERVOUS SYSTEM DISORDERS 1**

**12:30-13:15 | SCREEN B1**

**CHAIRPERSON**
Astrid Terkelsen, AARHUS, DENMARK (TBC)

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**P 11010**  
Modelling trajectories of brain damage in progressive supranuclear palsy: a longitudinal multimodal MRI study  
F. Caso, F. Agosta, M. Ječmenica Lukšič, I. Petrović, P. Valsasina, P.M. Ferraro, A. Meani, M. Copetti, V.S. Kostic, M. Filippi  
I MILAN, SAN GIOVANNI ROTONDO, ITALY, BELGRADE, SERBIA

**P 11011**  
Different profiles of emotion recognition in amnestic MCI patients: the utility of early screening in patients with focal medial temporal lobe dysfunction.  
C. Cerami, A. Dodich, S. Torre, G. Lettieri, S. Iannaccone, D. Perani, S.F. Cappa  
I MILAN, ITALY

**P 11012**  
The supportive role of FDG-PET imaging in the differential diagnosis of primary progressive aphasias: a voxel-based FDG-PET study at the single-subject level  
I MILAN, ITALY

**P 11013**  
Anosognosia for memory impairment in Mild Cognitive Impairment is not predictive for dementia and Alzheimer’s disease  
I. Cova, G. Grande, V. Cucumo, R. Ghirletti, L. Maggiore, D. Galimberti, E. Scarpini, S. Pomati, C. Mariani  
I MILAN, ITALY

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**P 11014**  
Autonomic disturbances in carpal tunnel syndrome  
N. Belova, N. Suponeva, M.A. Piradov, V.V. Gnezditsky, A. Shabalina, D. Lagoda  
I MOSCOW, RUSSIAN FEDERATION

**P 11015**  
Iatrogenic Harlequin syndrome due to central venous catheterization  
V. Carvalho, C. Cunha, J. Martins  
I MATOSINHOS, PORTUGAL

**P 11016**  
Autonomic dysfunction in multiple sclerosis correlates with EDSS and disease duration  
L. Crnošija, A. Junaković, M. Krbot Skoric, M. Lovrić, I. Adamec, M. Habek  
I ZAGREB, CROATIA

**P 11017**  
Dysautonomia is widely present in clinically isolated syndrome and correlates with brainstem lesions  
L. Crnošija, I. Adamec, A. Junaković, B. Malojcic, S. Butkovic Soldo, M. Habek  
I ZAGREB, OSLJEK, CROATIA
**SATURDAY, 28 MAY**

**12.30 - 13.15**

**POSTER SESSIONS**

**CEREBROVASCULAR DISEASES 1**

**12.30-13.15 | SCREEN G1**

**CHAIRPERSON:**

Anna Czlonkowska, WARSAW, POLAND

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**P 11018**

Fingolimod-initiation reduces cardiovagal buffer capacity in response to baroreflex loading in multiple sclerosis patients

C. de Rojas Lelië*³, R. Wang¹, M. Liu¹, F. Canavesi¹, K. Häsi², D.-H. Lee¹, R.A. Linker¹, M. Hilz¹ | ERLangen, NUREMBERG, GERMANY

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**P 11019**

Autonomic neuropathy associated with anti-Gad antibodies


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**P 11020**

Hemodynamic response to air-conducted sound stimulus is mediated via vestibulosympathetic reflex

L. Crnosija, A. Pavelić, M. Krbot Skoric, I. Adamec, M. Habek | ZAGREB, CROATIA

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**P 11021**

Autonomic function tests for Dysreflexia in Spinal Cord Injuries


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**P 11022**

Abstract cancelled

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**POSTER SESSION**

**CEREBROVASCULAR DISEASES 1**

**12.30-13.15 | SCREEN G1**

**CHAIRPERSON:**

Anna Czlonkowska, WARSAW, POLAND

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**P 11023**

Cardiac hemodynamic measurements and short-term outcome in patients with acute ischemic stroke

A. Acewicz¹, H. Dudek¹, J. Siebert¹, D. Ryglewicz¹ | WARSAW, GDANSK, POLAND

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**P 11024**

Right posterior portal watershed infarct in a right handed patient presenting with global aphasia: a case of crossed aphasia


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**P 11025**

Gerstmann’s syndrome with atypical MRI findings: a case report

A. Çetiz, H. Akgun, Z. Özkan, S. Tosdemir, S. Demirkaya | ANKARA, TURKEY

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**P 11026**

Feasibility study of the implementation of a strokes Registry in Grande-Terre and Marie Galante in Guadeloupe, F.W.I.

C. Alecu, L. Place, F. Alecu, N. Deschamps, A. Lannuzel, J. Deloumeaux | POINTE À PITRE, FRANCE

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**P 11027**

Stroke thrombolysis in a tertiary care teaching hospital in Saudi Arabia


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**P 11028**

Simultaneous ischemic stroke and acute myocardial infarct of cardioembolic etiology

P. Alves, J. Pires, M. Menezes, D. Silva, A.C.G. Fonseca | LISBON, PORTUGAL

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**P 11029**

Lumbar puncture associated with corticotherapy as a predisposing factor of Cerebral Venous Thrombosis

I. Amorn, C. Silva, M. Santos, A.P. Antunes, F. Falcão, L. Albuquerque | LISBON, PORTUGAL

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**P 11030**

Total cholesterol, high-density and low-density lipoprotein cholesterol in adult with acute ischemic or hemorrhagic stroke

D. Arabadzhieva, A. Kaprelyan, I. Dimitrov, A. Tzoukeva, M. Boyadzhieva | VARNA, BULGARIA

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**P 11031**

The significance of Holter ECG in cryptogenic ischemic stroke

Y. Arslan, B. Selbest Demirtaș, C. Ekmekçi, U. Sener, Y. Zorlu | IZMIR, TURKEY

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**P 11032**

Severity of the ischemic stroke and rheological disturbances in the blood

M. Azhermacheva, V. Alifirova, N. Pugachenko, T. Valikova, P.D. Plotnikov Denis, O. Aliev, M.A. Nikitina, O. Izhboldina | TOMSK, RUSSIAN FEDERATION

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**P 11033**

Stroke risk factors and survival of patients during 28 post-stroke days

M. Azhermacheva¹, V. Alifirova¹, N. Pugachenko¹, T. Valikova¹, M.A. Nikitina¹, O. Izhboldina¹, E. Stegmeier² | TOMSK, RUSSIAN FEDERATION, ANKARA, TURKEY

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**P 11034**

Thrombolysis for acute ischaemic stroke in Malta; the first 5 years

D. Micallef, S. Azzopardi, A.P. Grima, J. Aquilina, M. Mallia | ANKARA, TURKEY

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**P 11035**

Spontaneous vertebral artery dissection associated with P01-1, MTHFR C677T gene mutations and positive anti-Ro52 antibodies in a young woman

R.S. Badea, I.C. Cernat, A. Craciunoiu | BUCHAREST, ROMANIA

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**P 11036**

Cannabis and cerebrovascular diseases

S. Aïdi, M. Benabdeljlil, M. El Khalifi, M. Rahmani, M. El Alaoui Faris | RIYADH, SAUDI ARABIA
POSTER SESSION  
CEREBROVASCULAR DISEASES 2  
12:30 - 13:15 | SCREEN G3
CHAIRPERSON:  
Adam Kobayashi, WARSAW, POLAND

P 11037 Risk profile in patients with ischemic stroke aged under 50  
M. Cholakova | SOFIA, BULGARIA

P 11038 Posterior reversible encephalopathy syndrome and intracranial hypotension syndrome in puerperium  
A. Costa, J. Meireles, M. Rodrigues, S. Fonseca, L. Fonseca, P. Abreu | PORTO, PORTUGAL

P 11039 Abstract cancelled

P 11040 The effect of prior antithrombotic therapy in acute stroke in patients with atrial fibrillation  
P. Crnac, H. Budincevic, L. Friedrich | ZAGREB, CROATIA

P 11041 Risk of cancer after ischemic stroke  

P 11042 Short-term outcome in symptomatic carotid occlusion  

P 11043 Death and pneumonia incidence in relation to dysphagia severity  
J. Zaborski, A. Czernuszenko | WARSAW, POLAND

P 11044 Does it matter whether saliva is aspirated or penetrates only?  
J. Zaborski, A. Czernuszenko | WARSAW, POLAND

P 11045 Risk factors and primary stroke prevention in the population of Republic of Moldova  
E. Daniela, N. Ciobanu, S. Groppa | CHISINAU, MOLDOVA

P 11046 Importance in diagnosis of troponin values in stroke  
V. Delgado1, E. Sánchez2, J.A. Sánchez3, N. Segura1 | 1LA LINEA DE LA CONCEPCIÓN, 2ALGECIRAS, 3MÁLGA, SPAIN

P 11047 Expression of TRPM2 ion channels with histopathological alterations following brain ischemia-reperfusion injury in rats  
F. Balgetir, F. Demir, T. Kuloğlu, M. Gönen, E. Aytaç, S. Bulut | ELAZIG, TURKEY

POSTER SESSION  
CEREBROVASCULAR DISEASES 3  
12:30 - 13:15 | SCREEN G4
CHAIRPERSON:  
Zuzana Gdovinova, KOSICE, SLOVAKIA

P 11050 Bilateral extracranial internal carotid artery dissection with haemodynamic symptoms treated by stenting  

P 11051 Dynamical changes of hematological parameters in ischemic stroke patients after IV thrombolysis  
M. Gafarova, M. Domashenko, M. Loskutnikov, M. Maximova, V. Shandalin, R. Konovalov, A. Shabalina | MOSCOW, RUSSIAN FEDERATION

P 11052 Did anything change in prevention of stroke in patients with atrial fibrillation (AF) after initiation therapy with direct oral anticoagulants?  
Z. Gdovinova, N. Lesko, V. Han | KOSICE, SLOVAKIA

P 11053 Internal carotid artery pseudo-occlusion in acute stroke patients  
P. Gelener, S.H. Akpinar | NICOSIA, CYPRUS

P 11054 Safety and outcome of rTPA use in acute ischemic stroke in patients with active cancer: a case-control study  

P 11055 Detection of paroxysmal atrial fibrillation by implantable loop recorder in cryptogenic stroke  
D. Giobbe, A. Balducci, G. Paglia, M.L. Giobbe, C. Budano, G.L. Alunni, M. Giorgi | TURIN, ITALY

P 11056 Cryptogenic stroke, patent foramen ovale and high risk associated conditions: very low recurrence rate with percutaneous closure  
D. Giobbe | TURIN, ITALY

P 11057 Abstract cancelled
SATURDAY, 28 MAY
12:30 - 13:15

POSTER SESSIONS

P 11058  Malignant posterior reversible encephalopathy syndrome (PRES): a case report
N. Giraldo Restrepo1, L.V. Delgado González2, M. Torres2, O.E. Hernández Ortiz2, P. Uruêña2
1CIUDAD REAL, SPAIN, 2MEDELLIN, COLOMBIA

P 11059  Correlation of cerebral autosomal dominant arteriopathy with subcortical infarcts and lekoencephalopathy syndrome (CADASIL) with retinal pathology
E. Giyazitdinova, B. Muinjonov, G. Rakhimbaeva, Y. Musaeva
TASHKENT, UZBEKISTAN

P 11060  Neuropsychological abnormalities link with sensorimotor plasticity in cerebral autosomal dominant arteriopathy with subcortical infarcts and lekoencephalopathy (CADASIL) patients
E. Giyazitdinova, B. Muinjonov, G. Rakhimbaeva, Y. Musaeva
TASHKENT, UZBEKISTAN

P 11061  Platelet receptor to von Willebrand factor in patients with variant of ischemic stroke
V. Goldobin, E. Klocheva, O. Sirotkina, T. Vavilova
ST. PETERSBURG, RUSSIAN FEDERATION

P 11062  Association of Posterior Reversible Encephalopathy Syndrome (PRES) and Transient apical ballooning syndrome (Tako-Tsubo): first case report of a man and review of literature
S. Grimaldi, E. Doche, C. Rey, E. Robinet, N. Laksiri, J. Pelletier
TASHKENT, UZBEKISTAN

P 11063  Door-needle-times for CT versus MRI-examined stroke patients: a clinical randomized trial
C.K. Hansen, A. Christensen, I. Havsteen, H.K. Christensen
COPENHAGEN, DENMARK

P 11064  Centralisation of acute stroke treatment is associated with improved quality of care and lower mortality
AARHUS, DENMARK

P 11065  Endothelial dysfunction in leukoaraiosis
M. Zupan, M. Šabović, M. Zaletel, K. Šurlan Popović, B. Zvan
LJUBLJANA, SLOVENIA

POSTER SESSION
CHILD NEUROLOGY/DEVELOPMENTAL NEUROLOGY
12:30-13:15 | SCREEN H1

P 11068  Sex differences in affective disorders in adult rats after infantile immune stimulation
I. Berkiks, A. Mesfioui, A. El Hessni
KENITRA, MOROCCO

P 11067  Abstract cancelled

P 11069  Long-term follow-up of two patients with cerebellar ataxia and CoenzymeQ10 deficiency due to mutations in ADCK3 gene.
V. Emmanuele1, C. Sobreira2, E. Barca1, S. Dimaurro3, C.M. Quinzii3, M. Hirano1
1MESSINA, ITALY, 2SAO PAOLO, BRAZIL, 3NEW YORK, USA

P 11070  Gross motor function of children with hereditary spastic paraplegia is related with knee flexion in swing: an instrumented gait analysis study
D. Gómez-Andrés1, I. Pulido-Valdeolivas1, J.A. Martín-Gonzalo1, J. López-López2, S.I. Pascual Pascual1, E. Rausell1
1MADRID, SPAIN

P 11071  Flexion movements during the gait cycle are less predictable in children with cerebral palsy: a new dimension in motor control
M. Zanin1, D. Gómez-Andrés1, I. Pulido-Valdeolivas1, J. Rodríguez-Andonaegui1, J.A. Martín-Gonzalo1, J. López-López2, S.I. Pascual Pascual1, E. Rausell1
1MADRID, 2SAN SEBASTIÁN DE LOS REYES, SPAIN

P 11072  Abstract cancelled

P 11073  Abstract cancelled

P 11074  Focal-onset seizures in children: correlation between clinical presentation and EEG findings
M. Mazurkiewicz-Beldzińska, M. Szmuda, M. Zawadzka
GDANSK, POLAND
**POSTER SESSIONS**

**SATURDAY, 28 MAY**

**POSTER SESSION**

**CLINICAL NEUROPHYSIOLOGY 1**

12:30 - 13:15 | SCREEN H2

**CHAIRPERSON:**

Einar Wilder-Smith, SINGAPORE, SINGAPORE

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**P 11075** Experience of usage of antibodies to brain specific protein S100 (antiS100) and regular herbal medicines (based on Valeriana officinalis - Valeriana) in children with non-severe tics

O. Mukalova, A. Mukalau  I MINSK, BELARUS

**P 11076** Abstract cancelled

**P 11077** Cerebral proliferative angiopathy in a 3-year-old

G. Paton, C. Mignone, A. Singhal, M. Demos  I VANCOUVER, CANADA

**P 11078** Phenotypic variability in 4H leukodystrophy caused by POLR3A mutations

A. Potic, S. Pečić  I BELGRADE, SERBIA

**P 11079** Prognostic factors in children with PRES and hematologic diseases

M. Romoli, N. Tambasco, E. Mastrodičaca, C. Salvatori, G. Mancini, M. Caniglia, P. Calabresi, A. Verrotti  I PERUGIA, ITALY

**P 11080** Case report: Ataxia-telangiectasia: cerebral abnormalities in a case of long survival

E. Zupanič, S. Sega Jazbec  I LJUBLJANA, SLOVENIA

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**P 11081** Neurophysiological stability at median and ulnar nerve entrapment sites after weekly paclitaxel chemotherapy

A. Bandla, S. Tan, R. Sundar, N. Thakor, E. Wilder-Smith  I SINGAPORE, SINGAPORE

**P 11082** The importance of dense array EEG in detection of interictal epileptiform discharges and localization of epileptogenic foci

D. Ciołac, V. Chiosa, C. Munteanu, L. Mișina, A. Vataman, N. Gorincia, S. Groppa  I CHISINAU, MOLDOVA

**P 11083** How long should we record routine EEG to get relevant information?

H. Doudoux, L. Vercueil  I GRENOBLE, FRANCE

**P 11084** Abstract cancelled

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**P 11085** Abstract cancelled

**P 11086** Goniometric measurement of joint angles: a simple tool for standardising muscular pre-contraction to elicit motor evoked potentials?

A. Giordano, M. Fichera, M. Pisa, F. Vitali, A. Nuara, G. Comi, L. Leocani  I MILAN, ITALY

**P 11087** Optical Coherence Tomography, full-field Visual Evoked Potentials and multifocal Visual Evoked Potentials combined use to assess the visual system in multiple sclerosis.


**P 11088** Neurophysiological correlates of upper limb function in multiple sclerosis


**P 11089** The influence of brainstem and cognitive function on upper extremities function in early multiple sclerosis


**P 11090** The level of coherence with the largest number of events in the EEG is significantly lower in dementia

J. Kuchynka1, F. Caisberger1, Z. Pavelek1, O. Vysata1, A. Procházka2, M. Valis1  I HRADEC KRÁLOVE, PRAGUE, CZECH REPUBLIC

**P 11091** Typical communication EEG frequency is significantly lower in dementia

J. Kuchynka1, Z. Pavelek1, F. Caisberger1, O. Vysata1, A. Procházka2, M. Valis1  I HRADEC KRÁLOVE, PRAGUE, CZECH REPUBLIC

**P 11092** The efficacy of vitamin D replacement on pain, quality of life and nerve conduction velocities in the patients with chronic widespread pain

G. Akyuz, C. Sanal, I. Yagci, E. Giray, P. Kuru  I ISTANBUL, TURKEY
**POSTER SESSION COGNITIVE NEUROLOGY/NEUROPSYCHOLOGY 1**

**12:30-13:15 | SCREEN A3**

**CHAIRPERSON:**
Rita Formisano, Rome, Italy

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**P 11093** The functional side of neurology in an ER
P. Agüero, C. Estévez-Fraga, E. Viedma-Guard, L. Crespo, E. Monreal, P. Pérez Torre, R. Alvarez-Velasco, M.J. López-Martínez, A. Alonso Cánovas | Madrid, Spain

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**P 11094** Limb apraxia: neuropsychological and imaging study of two cases

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**P 11095** Loss of ownership feeling following a left hemisphere infarct

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**P 11096** Abstract cancelled

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**P 11097** Sex differences in cognitive behaviour and melatonin treatment in early neuroinflammation induced by LPS in Wistar rats
I. Berkiks, A. Mesfoufi, Y. Bahbiti, A. El Hessni | Kenitra, Morocco

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**P 11098** Subjective spatial navigation complaints – a frequent symptom reported by patients with subjective cognitive decline, mild cognitive impairment and Alzheimer’s disease
J. Cerman, R. Andel, J. Laczó, M. Vyhnálek, Z. Nedelska, I. Mošková, K. Sheardova, J. Hort | Prague, Czech Republic, Tampa, Florida, USA

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**P 11099** Mild neurocognitive disorder related to epilepsy
I.D. Cuciureanu, T. Cuciureanu | Iasi, Romania

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**P 11100** Neuropsychological disorders in patients with obstructive sleep apnea

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**P 11101** Abstract cancelled

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**P 11102** The role of pre-morbid intelligence in the Clock Drawing Test: studies with the Portuguese Irregular Word Reading Test

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**P 11103** The Clock Drawing Test as a cognitive screening instrument: development of Portuguese normative data for the Mini-mental State Examination + clock drawing combination
D. Dufo, S. Freitas, M. Tábuaas-Pereira, M.R. Simões, I. Santana | Coimbra, Portugal

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**P 11104** Selectively impaired visual processing in insomnia disorder patients
E. Giora, A. Galbiati, S. Marelli, M. Zucconi, L. Ferini Strambi | Milan, Italy

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**P 11105** The Italian validation of the QOLIBRI – Proxy Version

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**POSTER SESSION CRITICAL CARE**

**12:30-13:15 | SCREEN F4**

**CHAIRPERSON:**
Raimund Helbok, Innsbruck, Austria

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**P 11106** Reversible liver dysfunction associated with high dose ketamine in refractory status epilepticus
H.C. Chua | Singapore, Singapore

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**P 11107** Abstract cancelled

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**P 11108** Lesional Shapiro syndrome
P. Devic, F. Mauguière, A. Richard-Mornas, S. Ernesto, L. Peter-Dex, S. Rheims | Lyon, France

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**P 11109** Objective and reliable diagnosis of delirium by quantitative EEG analyses: results from a large retrospective case-control study
R. Fleischmann, S. Tränkner, S. Schmidt, S. Schreiber, S. Brandt | Berlin, Germany

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**P 11110** Levetiracetam vs. Phenytoin for Status Epilepticus: a prospective study
A. Guler, A. Al-Asmi, R. Nandhagopal, J. P, A. Obaidi, G. Ss, A. Al-Hashim, K. Al-Amrani | Muscat, Oman

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**P 11111** Causes of admission, morbidity and mortality of multiple sclerosis patients at the ICU: a matched cohort study
P 11112  Optic nerve sheath sonography is a promising tool for assessment of raised intracranial pressure in stroke patients
I. Kobasic, A. Lovrencic-Huzjan, M. Bosnar-Puretic, I. Hustić, M. Roje-Bedekovic, T. Breitenfeld, V. Supanc, V. Vargek-Solter, V. Basic-Kes  I ZAGREB, CROATIA

P 11113  CONsciousness in NEurocritical Care cohorT study using fMRI and EEG (CONNECTME)

POSTER SESSION
EPILEPSY 1
12:30-13:15 | SCREEN B2
CHAIRPERSON:
Jakob Christensen, AARHUS, DENMARK

P 11117  Abstract cancelled

P 11118  Drug resistant epilepsy in adult Sudanese epilepsy patients: prevalence, patterns & characteristics
T. A-Hakam1, H.E.R. Mohamed2  I 1KHAMS MUSHAYT, SAUDI ARABIA, 2KHARTOUM, SUDAN

P 11119  Mobile phone based micro-personalised support groups in people with epilepsy
H. Angus-Leppan  I LONDON, UK

P 11120  Seizure triggers in focal and generalised epilepsies
A.A. Arbune, O. Tarta-Arsene, D. Craiu  I BUCHAREST, ROMANIA

P 11121  Investigation of epilepsy by array CGH
A. Babameto Laku, Z. Ylli, D. Ylli, M. Rakacoll, J. Kruja  I TIRANA, ALBANIA

P 11122  Midazolam and thiopental for the treatment of refractory status epilepticus: a retrospective comparison of efficacy and safety
F. Bellante, B. Legros, C. Depondt, J. Creteur, F. Taccone, N. Gaspard  I BRUSSELS, BELGIUM

P 11123  Retrospective study on outcome of treatment of psychogenic non-epileptic seizures
S.A. Beniczky1, K. Noergaard2, N. Andersen Becser2  I 1ROSILDE, 2GLOSTRUP, DENMARK

POSTER SESSION
EPILEPSY 2
12:30-13:15 | SCREEN B3
CHAIRPERSON:
Alla Guekht, MOSCOW, RUSSIAN FEDERATION

P 11126  Responsive VNS Therapy: Long term results from two long-term, prospective, multi-center studies
P. Boon1, K. Eggleston1, P. Raman2, A. Jayewardene2, R.S. Fisher3  I 1GHENT, BELGIUM, 2TEXAS, 3STANFORD, USA

P 11129  Polysomnographic (PSG) based study of sleep in juvenile myoclonic epilepsy (JME) patients
S. Ibrahim Mohamed Elbhrawy, M. Fouad, H. Omar, J. Mekky  I ALEXANDRIA, EGYPT

P 11130  Vitamin K prophylaxis in pregnant women taking anticonvulsant drugs
M. Evers1, G. Luef1, M. Rauchenzauner2, U. Kiechl-Kohlendorfer1, S. Pletnev  I INNSBRUCK, AUSTRIA, 2KAUFBEUREN, GERMANY

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016
SATURDAY, 28 MAY
12:30 - 13:15

**POSTER SESSIONS**

**POSTER SESSION**

**HEADACHE AND PAIN 1**

**12:30-13:15 | SCREEN C1**

**CHAIRPERSON:**
Henriette Klit, AARHUS, DENMARK

- **P 11142**
  EMA401, a novel angiotensin II type 2 receptor antagonist for treatment of peripheral neuropathic pain: design of two phase II studies
  S. Pandhi1, F. von Raison1, A. Shah1, G. Flesch1, F. Callegari1
  1BASEL, SWITZERLAND, 2EAST HANOVER, USA

- **P 11143**
  A case of Stroke-Like Migraine Attacks after Radiation Therapy (SMART)-syndrome: a rare but important differential diagnosis of migraine and stroke
  V. Haller1, D. Dashti2, N. Peters1
  1BASEL, 2LIESTAL, SWITZERLAND

- **P 11144**
  Oxygen therapy for cluster headache. A mask comparison trial. A single-blinded, semi-randomized, placebo-controlled crossover study
  A.S. Petersen, M. Barloese, N. Lund, R. Jensen
  Glostrup, Denmark

- **P 11145**
  Prolonged migraine attack: acute and preventive response to anaesthetic nerve blockade in 41 patients
  M. Ruiz Piñero1, J. Barón1, E. Martinez Velasco1,
  M.I. Pedraza1, L. López2, H. Avellón1, A.L. Guerrero Peral1
  1VALLADOLID, 2SALAMANCA, SPAIN

- **P 11146**
  Changes in topographical pressure pain sensitivity maps over the head after onabotulinumtoxin-A therapy in chronic migraine
  M. Ruiz Piñero1, J. Barón1, A. Juanatey1, L. Blanco1,
  A.L. Guerrero1, M. Palacios-Çebrós1, P. Madeleine1,
  C. Fernández-de-Las-Pareras1
  1VALLADOLID, 2MADRID, SPAIN, 3AALBORG, DENMARK

- **P 11147**
  Systematic literature review of health state utility values in patients with migraine
  P. Desai1, A. Ahuja2, G. Pietri3, S. Sapra1
  1THOUSAND OAKS, USA, 2CHANDIGARH, INDIA, 3LONDON, UK

- **P 11148**
  TV publicity: one of the causes of medication-overuse headache?
  G. Socoliuc, G. Mihailescu, B. Alexandra-Doina, C. Boetu,
  I. Buraga
  BUCHAREST, ROMANIA

- **P 11149**
  Headache characteristics in cerebral venous thrombosis: an analysis of 55 patients
  T. Švabić Medjedović, N. Covičković Šternić,
  L. Beslac-Bumbasirevic, J. Zidervc-Trajković,
  P.D. Stanarcevic, M. Mijajlovic, A. Pavlovic, A. Radojčic,
  M. Stefanović Budimkić, D. Jovanovic
  BELGRADE, SERBIA
P 11150  Remote limited headaches associated with Varicella Zoster Virus
K. Takagi1, K. Yamazaki2, R. Hishida1, S. Nojima1, H. Kobayashi2
1INASHIKI-GUN, 2NAGOYA, JAPAN

P 11151  Abstract cancelled

P 11152  Abstract cancelled

P 11153  Prevalence of migraineous infarction
T.S. Tsyupshkina1, N.M. Gurary1, M.G. Toporkova1, E.R. Lebedeva2, J. Olesen2
1YEKATERINBURG, RUSSIAN FEDERATION, 2GLOSTRUP, DENMARK

P 11154  CO2 laser-evoked potentials: working population normative values
D. Petravić, K.I. Tudor, M. Krbot Skoric, V. Ižgum
1ZAGREB, CROATIA

P 11155  Acute post-traumatic headache
I. Vyshlova, S. Karpov, A. Starodubcev, I. Azoidis, A. Karpov
1STAVROPOL, RUSSIAN FEDERATION

P 11156  Evaluation of impulse control disorders and related behaviours in patients with Idiopathic Parkinson’s disease
A. Acarer, A. Bayramov, S. Ciftci, Z. Colakoglu
1IZMIR, TURKEY

P 11157  White matter connectome in patients with genetic dystonia
F. Agosta1, S. Basaia1, A. Tomic2, E. Sarasso1, N. Dragasevic3, M. Svetel1, M. Copetti3, V.S. Kostic3, M. Filippi1
1MILAN, 2SAN GIOVANNI ROTONDO, ITALY, 3BELGRADE, SERBIA

P 11158  Ventilatory disturbance in early Parkinson’s disease: a prospective study
G. Baille, T. Peres, D. Devos, L. Defebvre, C. Moreau
1LILLE, FRANCE

P 11162  Decreased coenzyme Q10 levels in multiple system atrophy cerebellum
E. Barca1, G. Kleiner2, G. Tang3, S. Tadesse2, C.-Y. Lin2, E. Masliah1, S.-H. Kuo1, C.M. Quinzii1
1MESSINA, ITALY, 2NEW YORK, 3NEUROLOGY, USA

P 11163  Accuracy of deep brain stimulation electrodes placement using frameless system – Nexframe®
J. Bardon, D. Krafulik, M. Nevrly, P. Otruba, M. Vaverka, P. Kanovsky
1OLOMOUC, CZECH REPUBLIC

P 11164  The anatomical basis of genetic dystonia: a multimodal MRI study
S. Bosaia1, F. Agosta1, A. Tomic2, E. Sarasso1, N. Dragasevic3, M. Svetel1, M. Copetti3, V.S. Kostic3, M. Filippi1
1MILAN, 2SAN GIOVANNI ROTONDO, ITALY, 3BELGRADE, SERBIA

P 11165  Conjugal Parkinson’s disease – real or chance?
B. Balint1, R. Erro2, K. Bhatia1
1LONDON, UK, 2VERONA, ITALY

P 11166  The role of transcranial sonography in diagnosis of progressive supranuclear palsy and multiple system atrophy
K. Blažina, V. Miletić, M. Relja
1ZAGREB, CROATIA

P 11167  Neurophysiological features of balance control in patients with Parkinson’s disease by posturographic analysis
R. Bogdanov, S. Borisova, P. Patmanova, D. Napalkov
1MOSCOW, RUSSIAN FEDERATION

P 11168  Progressive encephalomyelitis with rigidity and myoclonus (PERM) associated with glycine receptor antibodies as first manifestation of Hodgkin’s lymphoma: a case report
L. Borellini, S. Lanfranconi, I. Trezzi, G. Franco, A. Di Fonzo, S. Bonato, N. Bresolin
1MILAN, ITALY

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016
**POSTER SESSION MS AND RELATED DISORDERS 1**
**12:30 – 13:15 | SCREEN F1**
**CHAIRPERSON:**
Oluf Andersen, STOCKHOLM, SWEDEN (TBC)

- **P 11169** Longitudinal assessment of cervical cord atrophy across MS clinical phenotypes: a multicenter study
  M. Aboulwafa1, M.A. Rocca1, P. Valsasina1, F. Barkhof2, H. Vrenken3, A. Rovira4, X. Montalban4, H. Kearney5, O. Ciccarelli6, L. Matthews6, J.A. Palace6, A. Gass7, A. Bisecco7, A. Gallo8, A. Bellenberg8, P. Preziosa1, G. Comi1, M. Filippi1  
  1MILAN, 2NAPLES, ITALY, 3AMSTERDAM, NETHERLANDS, 4BARCELONA, SPAIN, 5LONDON, UK, 6OXFORD, UK, 7MANNHEIM, 8BOCHUM, GERMANY

- **P 11170** Sudomotor dysfunction in clinically isolated syndrome
  I. Adamec1, L. Crnošija, M. Lovrić, A. Junaković, M. Krbot Skoric, M. Habek1  
  1ZAGREB, CROATIA

- **P 11171** Abstract cancelled

- **P 11172** Abstract cancelled

- **P 11174** Comparative evaluation of clinical and epidemiological characteristics of multiple sclerosis in Kazakhstan
  K. Almakanova1, A. Siva2, A. Zhussupova1  
  1ASTANA, KAZAKHSTAN, 2ASTANA, KAZAKHSTAN

- **P 11175** CSF markers of inflammation and neurodegeneration in two Hereditary Diffuse Leukoencephalopathy with Spheroids (HDLS) families with diverging genotype and phenotype
  O. Andersen1, C. Sundal1, H. Zetterberg1, V.D. Karrenbauer2  
  1GOTHENBURG, 2STOCKHOLM, SWEDEN

- **P 11176** Fatigue, depression and memory impairment in multiple sclerosis
  L. Ben Aljia, K. Anissa, D. Rabiaa, N. Salma, B.A. Sofian, B.A. Leila  
  SOUSSE, TUNISIA

**POSTER SESSION MS AND RELATED DISORDERS 2**
**12:30 – 13:15 | SCREEN F2**
**CHAIRPERSON:**
Ludwig Kappos, BASEL, SWITZERLAND

- **P 11177** Real life efficacy and tolerability of Teriflunomide: a multicentre study
  P. Annovazzi1, G. Mallucci2, M. Lo Re3, S. Miante4, R. Cavarretta1, L. Mioia1, R. Bergamaschi2, A. Bertolotto1, P. Perini3, M. Rovaris5, G. Comi5, A. Ghezzi6  
  1PAVIA, 2ORBASSANO (TO), 3PAVIA, 4MILAN, ITALY, 5MILAN, ITALY, 6GALLARATE (VA), 7GALLARATE (VA)

- **P 11178** T2 and Gd+ lesion conversion to chronic T1 black holes is correlated with worse outcomes in patients with RRMS in the ADVANCE Study
  D. Arnold1, X. You1, D. Gasparotto2, C. Castrillo-Viguera2, B. Werneburg2, D. Fiore2  
  1MONTREAL, CANADA, 2CAMBRIDGE, USA

- **P 11179** Comparative study of neuromyelitis optica and multiple sclerosis patients by optical coherence tomography
  A. Orviz1, I. Suárez González, J. Matias-Guiu, C. Oreja-Guevara  
  MADRID, SPAIN

- **P 11180** Neuropsychological assessment of patients with neuromyelitis optica spectrum disorders (NMOSD)
  MADRID, SPAIN

- **P 11181** How does fampridine change gait kinematics to improve walking speed in primary progressive multiple sclerosis?
  MADRID, SPAIN

**POSTER SESSION MS AND RELATED DISORDERS 3**
**12:30 – 13:15 | SCREEN F3**
**CHAIRPERSON:**
Jolanta Mansfeldt, STOCKHOLM, SWEDEN

- **P 11182** Antibodies to myelin lipids in multiple sclerosis
  M. Ivanova, M. Zakharova  
  MOSCOW, RUSSIAN FEDERATION

- **P 11183** Is there a relation between development of disease disability and cervical spinal cord lesion load in the early disease course of Multiple Sclerosis?
  N. Kale1, B. Kara, R. Simsekoglu, M. Özerden, Z. Ozdemir, N. Karagoz Sakalli, A. Soysal  
  ISTANBUL, TURKEY

- **P 11184** Early treatment with teriflunomide reduces the risk of advancing to EDSS ≥6 and EDSS ≥7 over the long term
  I. Kappos1, M.S. Freedman2, G. Comi3, A. Miller4, K. Thangavelu5, P. Truffinet6, L. Lublin7  
  1BASEL, SWITZERLAND, 2OTTAWA, CANADA, 3MILAN, ITALY, 4NEW YORK, 5CAMBRIDGE, USA, 6CHILLY-MAZARIN, FRANCE

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

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POSTER SESSIONS

MS AND RELATED DISORDERS 3
12:30-13:15 | SCREEN F3

CHAIRPERSON: Krzysztof Selmaj, LODZ, POLAND (TBC)

P 11195 Infusion-related reactions with ocrelizumab in the Phase III double-blind, double-dummy, interferon (IFN) β-1a-controlled OPERA I and OPERA II studies
K. Selmaj1, D. Arnold2, A. Bar-Or3, G. Comi4, H.-P. Hartung5, S. Hauser6, F. Lublin7, A. Traboulsee8, N. Mairon8, P. Chin9, P. Fontoura6, H. Garren6, G. Klingelschmitt6, D. Masterman7, L. Kappos1, L.ODZ, POLAND, 1MONTEAL, 2VANCOUVER, CANADA, 3MILAN, ITALY, 4DÜSSELDORF, GERMANY, 5BASEL, SWITZERLAND, 6SOUTH SAN FRANCISCO, 7SOUTH SAN FRANCISCO, 8SAN FRANCISCO, 9NEW YORK, USA

P 11196 Integrated rehabilitation paradigm for managing some disabling multiple sclerosis-related impairments
N. Shalaby, H. Shehata, A. Elmazny | CAIRO, EGYPT

P 11197 Pharmacokinetics, pharmacodynamics, safety, and tolerability of a novel anti-IL-6 receptor recycling antibody SA237: first in-human phase 1 single- and multiple-dose studies
Y. Shimada1, Y. Munakata2, M. Inoo3, R. Hanada4, A. Yamada1, R. Takubo1, M. Shiramoto4 | 1TOKYO, 2SENDAI, 3UTAZU, 4FUKUOKA, JAPAN

P 11198 More rapid multiple sclerosis progression in North African second generation immigrants to France: comparison between French Caucasian, North Africans in Tunisia and immigrants to France
Y. Sidhom1, E. Maillart 2, S. Tezenas Du Montcel2, Y. Nadjar2, I. Kacem1, R. Gouider1, C. Lubetzki 2, C. Papeix2 | 1TUNIS, TUNISIA, 2PARIS, FRANCE

P 11199 Abstract cancelled

P 11200 Demyelination after anti TNFα therapy: An emerging trend? Report of two cases from South East England
S. Harikrishnan, J. Sivaqananasundaram, N. Moran, I. Redmond | CANTERBURY, UK

P 11201 Demyelinating neurological disease after treatment with etanercept: description of 2 cases

P 11202 Immunogenicity with repeated dosing of ocrelizumab in patients with relapsing MS
A. Song1, P. Hendricks2, S. Chung2, Q. Wang2, P. Chin1, H. Garren1 | 1SOUTH SAN FRANCISCO, USA, 2BASEL, SWITZERLAND
SATURDAY, 28 MAY
12:30 - 13:15

P11203  Persistent MRI lesion activity and brain volume loss as predictors of long term disability progression under treatment in relapsing–remitting multiple sclerosis
M.P. Sormani1, L. Kappos2, D. Piani-Meier2, D. Haring2, D. Tomic3, N. de Stefano3 | GENOA, ITALY, BASEL, SWITZERLAND, SIENNA, ITALY

P11204  Attention and Processing Speed Performance in Multiple Sclerosis is mostly related to thalamic and cerebellar volume
S. Stamenova1, A. Bisecco2, G. Caiazzo3, A. D’ambrosio2, R. Sacco2, S. Bonavita1, R. Docimo2, L. Lavorgna2, M. Cirillo2, P.F. Esposito2, G. Tedeschi2, A. Gallo2 | SOFIA, BULGARIA, NAPLES, ITALY

P11205  Multiple Sclerosis (MS) in Iceland 1900–2000: Survival and mortality up to the Year 2011 in a total population
S. Sveinbjornsdottir1, H. Magnusson2, J. Benedict2 | LONDON, UK, REYKJAVIK, ICELAND

P11206  Bone marrow mesenchymal stem cells intrathecal transplantation in patients with progressive multiple sclerosis – 1-year follow-up
M. Swiderek-Matysiak1, J. Wajtkiewicz2, A. Habich2, I. Selmaj1, W. Maksymowicz2, K. Selmaj1 | LODZ, OLSZTYN, POLAND

P11207  Abstract cancelled

P11208  Anti-MOG antibody positivity in a case of chronic relapsing inflammatory optic neuritis
D. Tzanetakos, E. Andreadou, M.E. Evangelopoulos, M. Anagnostouli, G. Koutsis, K. Kilidireas | ATHENS, GREECE

P11209  Abstract cancelled

P11210  Study design of an assessment protocol for central and peripheral fatigue in myotonic dystrophy type 1 DM1
S. Baldanzi1, M. Bottari, C. Simoncini, G. Ricci, G. Siciliano | PISA, ITALY

P11211  Anosognosic vs. non-anosognosic behaviour in adult-onset myotonic dystrophy type 1: clinical and management relevance
S. Baldanzi1, F. Bevilacqua2, R. Lorio2, C. Simoncini1, A. Petrucci1, G. Massimetti1, G. Ricci1, C. Angelini2, G. Siciliano1 | PISA, LIDO VENICE, ROME, ITALY

P11212  Oculopharyngeal muscular dystrophy (OPMD): long-term follow-up in 19 patients
S. Bortolani1, V. Ponzalino, N. Ragusa, L. Chiado Piat, E. Vittonatto, S. Boschi, L. Vercelli, L. Pinessi, T. Mongini | TURIN, ITALY

P11213  Lymphoma-associated inflammatory myopathy: a case report

P11214  Visceral leishmaniasis in a myasthenia gravis patient: a diagnostic and therapeutic challenge.
A. Camacho, A. Hernandez, N. Giraldo, J.J. Bravo, A. Parralo, S. Carrasco Garcia de León | CIUDAD REAL, SPAIN

P11215  Evidence-based survival prediction in patients with sporadic inclusion body myositis (sIBM)
G. Capkun1, G. Ghosh2, T. Obadia3, H. Sharma2, B. Amzal3 | BASEL, SWITZERLAND, HYDERABAD, INDIA, PARIS, FRANCE

P11216  Systematic review and meta-analyses of the prevalence of sporadic inclusion body myositis (sIBM)
A. Callan1, G. Capkun2, V. VasanthaPrasad2, G. Ghosh3, M. Needham4 | DUBLIN, IRELAND, BASEL, SWITZERLAND, HYDERABAD, INDIA, PERTH, AUSTRALIA

P11217  Relationship between neuropsychological impairment and grey and white matter changes in adult-onset myotonic dystrophy type 1
P. Cecchi1, S. Baldanzi1, S. Fabbri1, I. Pesaresi1, C. Simoncini1, C. Angelini1, U. Bonuccelli1, M. Cosottini1, G. Siciliano1 | PISA, LIDO VENICE, ITALY
A case of dropped head syndrome caused by focal myositis
J Cho, GYEONGGI-DO, GOYANG-SI, KOREA, REPUBLIC OF KOREA

The significance of thymectomy: a retrospective study comparing thymectomy with conservative treatment for myasthenia gravis
I Dejanovic, D. Lovrinic, S. Knezevic-Apostolski, S. Apostolski, BELGRADE, SERBIA

Mutations causing myofibrillar myopathies in the Polish population
J.P. Fichna, A. Potulskas-Chromik, A. Macias, A. Kaminska, C. Zekanowski, MARSEŁOW, POLAND

Autoimmune encephalitis in a patient with benign pancreatic neoplasia
A. Addis, A.L. Rassu, E. Sechi, R. Piredda, L. Agrò, C. Fois, D.G. Corda, G. Sechi, SASSARI, ITALY

Diffuse large B-cell Lymphoma of the central nervous system in mycophenolate mofetil treated patients with lupus nephritis
D. Aksay, P. Gelernter, S. Usar Incırlı, LEFKOSA, NIKOSIA, CYPRUS

Neurological paraneoplastic syndromes with positive antineuronal antibodies: clinical and laboratory characterization
J.N. Alves, IBRAGA, PORTUGAL

Evaluation of intraoperative photodynamic therapy with Photolon in patients with glioblastoma
A. Barouski, A. Fedulov, I. Sakovich, T. Trukhachova, S. Shlikhtsin, MINSK, BELARUS

Infiltrating melanotic schwannoma of the cervical spinal cord: case report, radiology and pathology
A.S. Bisgaard, S. Talman, C. Thomsen, M. Lindelof, HERLEV, COPENHAGEN, DENMARK

Accuracy of magnetic resonance imaging in pre-operative diagnosis of brain tumours: concordance with histopathology and interobserver reliability
S. Caerels, A. Boogers, T. Dhoore, M.-A. van Caillie, S. Vanacker, BRUGES, ANTWERP, BELGIUM

Rare primary tumour of the neurohypophysis: pituctyctoma
E. Cengiz, S. Demir, C. Kafadar, E. Togrol, ISTANBUL, TURKEY

Lhermitte-Duclos disease: a clinical and neuroradiological diagnosis: a case report
T. Croese, R. Messina, V. Martinelli, A. Castellano, G. Comi, A. Falini, B. Colombo, MILAN, ALME, ITALY

Age-histopathology related patterns of primary Central Nervous System (CNS) tumours in Albania
P. Djamandi, G. Brace, G. Kaloshi, TIRANA, ALBANIA

Medical risk factors in the development of brain tumours in Albania
P. Djamandi, G. Brace, G. Kaloshi, TIRANA, ALBANIA

Incidence patterns of primary Central Nervous System Tumours (CNS) in Albania
P. Djamandi, G. Brace, G. Kaloshi, TIRANA, ALBANIA

Treatment efficacy of patients with neuroepithelial brain tumours under local intraoperative chemotherapy
V. Dmitry, A. Fedulov, MINSK, BELARUS

The spectrum of neurological presentations of intravascular lymphoma: from recurrent stroke to severe peripheral neuropathy

Behavioural therapy for enhancing physical activity in Parkinson’s disease – preliminary results
J. Opara, TARNOWSKIE GÓRY, KATOWICE, POLAND

Predictor for positive response to an implanted drop foot stimulator post stroke
M.M. Pinter, O. Schuhfried, KREMS, VIENNA, AUSTRIA
A new liquid formulation of abobotulinumtoxinA (Dysport®) significantly improves disease-specific quality of life (CDIP-58) and pain in cervical dystonia: a double-blind and open-label study
M. Simonetta-Moreau1, S. Vohanka3, J. Ilkowski4, M. Magalhães5, T. Kovács6, P. Picaut2, M. Volteau2, W. Poewe1†1TOULOUSE CEDEX, 9, 2PARIS, FRANCE, 3BRNO, CZECH REPUBLIC, 4POZNAN, POLAND, 5PORTO, PORTUGAL, 6BUDAPEST, HUNGARY, 7INNSBRUCK, AUSTRIA.

Abstract cancelled

Enhancement of cortical excitability and motor function in stroke patients after combined repetitive transcranial and peripheral magnetic stimulation
S. Kuznetsova, V. Kuznetsov, N. Skachkova I KIEV, UKRAINE

Efficacy of low-frequency rTMS on motor recovery after-stroke
O. Sorato Bezerra1, C. Babis Magoulas1, A.L. Schuh Teixeira Da Rosa2, L. Primo de Carvalho Alves2 I LONDON, UK, 3PORTO, PORTUGAL.

A study of lobar atrophy and white matter tract damage in pediatric patients with traumatic brain injury
L. Storelli1, M.A. Rocca1, E. Molteni2, E. Pagani1, G. Boffa1, M. Copetti3, S. Galbiati1, F. Arrigoni1, M. Recla5, A. Bardoni1, S. Strazzer1, M. Filippi1 I MILAN, 2BOSISIO PARINI, 3SAN GIOVANNI ROTONDO, ITALY

Neurogenic lower urinary tract dysfunction in acute stroke
K. I. Tudor1, D. Petrović1, M. Botic1, D. Mahovic Lakusic1, B. Ribarić1 I ZAGREB, BOSNIA AND HERZEGOVINA, BOSNIA AND HERZEGOVINA, BOSNIA AND HERZEGOVINA

Innovations in the rehabilitation of patients with spinal cord injury
S. Turuspekov1, D. Mitrokhin, A. Ostapenko, E. Kudabaev, B. Gaziz, A. Seydanova, Z. Kalelov, L. Abdullayeva I ALMATY, KAZAKHSTAN

Clinical assessment of dysphagia in neurodegeneration (CADDN): reliability and validity
A. Vogel1, N. Rommel1, C. Sauer1, M. Synofzik2 I MELBOURNE, AUSTRALIA, 2TUBINGEN, GERMANY

Video game-based speech rehabilitation for reducing dysarthria severity in adults with degenerative ataxia
A. Vogel1, J. Skarratt1, J. Castles1, M. Synofzik2 I MELBOURNE, AUSTRALIA, 2TUBINGEN, GERMANY

POEMS syndrome – case descriptions from a center of Neuromuscular disorders

Dynamic science internationalization in the field of polynuertitis and polyradiculoneuritis
D. Arabadzhieva, A. Kaprelyan, I. Dimitrov, B. Ivanov I VARNA, BULGARIA

Chronic immune sensory polyradiculapthy (CISP): two cases
R. Araújo, S. Batista, J. Parra, L.J.M.P. Negrão, A. Matos I COIMBRA, PORTUGAL

Dopaminergic medicines are alternative drugs for medicament-resistant facial nerve neuropathy: EMG study.
A. Azimov, R. Sadykov, G. Rakhimbaeva, O. Azizova, S. Dadajonov, R. Ismoilov I TASHKENT, UZBEKISTAN

Immunological aspects of the nervous system in patients with postoperative hypothyroidism and autoimmune thyroiditis
S. Karpov, G. Balaeva, G. Saneeva, I Azoidis, I Prochorenko I STAVROPOL, RUSSIAN FEDERATION

Intravenous immunoglobulin in chronic inflammatory demyelinating polyradiculopathy: Is it really effective? Our experience
C. Baetu1, I. Buraga1, G. Giurea Neacsu2, V. Lungu1, A.M. Enachi2, G. Mihaliescu2 I BUCHAREST, 2RM VALCEA, ROMANIA

The evaluation of small fibers in asymptomatic patients with Val30Met mutation
C. Bekirkan-Kurt, F.G. Yildiz, H.N. Gunes, S. Erdem-Özdamar, E. Tan I ANKARA, TURKEY

POEMS syndrome – case descriptions from a center of Neuromuscular disorders

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The evaluation of small fibers in asymptomatic patients with Val30Met mutation
C. Bekirkan-Kurt, F.G. Yildiz, H.N. Gunes, S. Erdem-Özdamar, E. Tan I ANKARA, TURKEY
POSTER SESSIONS

SATURDAY, 28 MAY

12:30 - 13:15

POSTER SESSION

SLEEP DISORDERS 1

12:30 - 13:15 | SCREEN E1

CHAIRPERSON:

Isabelle Arnulf, PARIS, FRANCE

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P 11254 Guillain-Barré syndrome and comorbid disorders
B. Bjelica, I. Bozovic, S.Z. Peric, I. Berisavac, L. Beslac-Bumbasirevic, D. Lavrnic, S. Stevic | BELGRADE, SERBIA

P 11255 Spastic paraplegia and mutilating sensory neuropathy caused by mutation in FAM134B gene
S. Majid, S. Bohlega, D. Monies, S. Hagas, A. Al Qahtani, B. Meyer | RIYADH, SAUDI ARABIA

P 11256 A tropical polyneuropathy in a European country
M. Branco, L. Ruano, R. Taipa, M. Melo Pires, C. Santos | SANTA MARIA DA FEIRA, PORTO, PORTUGAL

P 11257 Non-systemic vasculitic neuropathy manifested as transient multiple mononeuropathy
J. Castelo, R. Taipa, M. Melo Pires, C. Santos | SANTA MARIA DA FEIRA, PORTO, PORTUGAL

P 11258 Distal sensory polyneuropathy with orthostatic syncopes: Transthyretin-related amyloid neuropathy
W. Heide, L. Langfeldt, M. Trauscheid | CELLE, GERMANY

P 11259 Evolution of sleep-disordered breathing following acute ischemic stroke and TIA and its impact on neurological outcome at 3 months (SAS Care Study)
S. Ott, F. Fanfulla, S. Miano, T. Horvath, A. Seiler, A.-K. Brill, C. Bernasconi, C. Cereda, P. Young, M. Manconi, C. Bassetti | BERNE, SWITZERLAND, MILAN, ITALY

P 11260 Polysomnographic findings in cranioopharyngioma patients: a controlled study
L. Pickering, M. Klose, U. Feldt-Rasmussen, P. Jennum | GLOSTRUP, COPENHAGEN, DENMARK

P 11261 Polysomnographic predictors of mortality in stroke patients
L. Ponsaing, H.K. Iversen, P. Jennum | COPENHAGEN, GLOSTRUP, DENMARK

P 11262 Abstract cancelled

P 11263 Abstract cancelled

P 11264 Vagus nerve stimulation-induced catathrenia
M. Santos, T. Teodoro, R. Peralta, C. Bentes | LISBON, PORTUGAL

P 11265 Driving simulation as a clinical tool to assess fitness-to-drive in sleepy patients
D. Schreier, C. Banks, J. Mathis | BERNE, SWITZERLAND, LONDON, UK

P 11266 Sleep education in neurology - a European survey
M. Sieminski, F. Pizza, M. Rakusa, H. Hidalgo Pareja, D. Schreier, A. Pijpers, A. Karamyan | GDANSK, POLAND, BOLOGNA, ITALY, MARIBOR, SLOVENIA, BONN, GÖTTINGEN, JENA, GERMANY, BERNE, SWITZERLAND, LEEZE, LEIDEN, NETHERLANDS, SALZBURG, AUSTRIA, YEREVAN, ARMENIA, BRASOV, ROMANIA, MONTPELLIER, FRANCE

P 11267 High prevalence of smoking in narcolepsy with cataplexy

P 11268 Influence of high altitude on periodic leg movements during sleep in individuals with restless legs syndrome and healthy controls: a pilot study
A. Stefan, A. Heidbreder, H. Hackner, M. Burtscher, B. Högl | INNSBRUCK, AUSTRIA

P 11269 Evaluating the effect of night-shift working on sleep and attention of nurse professionals
G.H. Tomasi, A.B. Tomasi, M.D. Soldatelli, J. Lin | PORTO ALEGRE, TUBARAO, BRAZIL

P 11270 Is HPV (human papilloma virus) vaccine associated with later onset of narcolepsy type 1?
E.W. Torstensen, L. Schoubo Brinth, J. Mehlsen, P.J. Jennum | GLOSTRUP, FREDERIKSBORG, DENMARK

P 11271 The degree of anxiety and depression in patients with insomnia versus patients with obstructive sleep apnoea syndrome
V. Vovc, A. Lupusor, I. Moldovanu | CHISINAU, MOLDOVA

P 11272 Abstract cancelled

P 11273 REM sleep behaviour screening questionnaire (RBDSQ): validation study
B. Ziso, A. Larner | LIVERPOOL, UK
POSTER SESSION
SPINAL CORD AND ROOT DISORDERS
12:30-13:15 | SCREEN E2
CHAIRPERSON:
Josef Bednarik, BRNO-BOHUNICE, CZECH REPUBLIC (TBC)

P 11274  Longitudinal extensive transverse myelitis: a rare complication of Varicella-Zoster virus reactivation in an immunocompetent individual
S. Abbas, J. El Helou, H. Hilal, G. Eid, G. Saliba | BEIRUT, LEBANON

P 11275  Epidemiology and imaging characteristics of degenerative cervical cord compression
J. Bednarik1, M. Kerkovsky2, Z. Kadanka3, Z. Kadanka Jr.2, I. Kovalova2, B. Jurova2 | BRNO-BOHUNICE, BRNO, CZECH REPUBLIC

P 11276  Acute inflammatory myelitis: 8-year retrospective study
L. Braz, C. Andrade, M.J. Sá, J. Guimaraes | PORTO, PORTUGAL

P 11277  Spinal dural arteriovenous Fistulas – diagnosis, endovascular treatment and outcome
A. Ciobotaru, O. Rusu, A.C. Mergeani, C. Coiclitu, F. Antochi, O. Bajenaru, B. Dorobat, A. Dimitriade | BUCHAREST, ROMANIA

P 11278  Abstract cancelled

P 11279  Longitudinally extensive transverse myelitis in neuromyelitis optica and Sjögren’s syndrome: a case report

P 11280  Single vertebral manipulative therapy (Kitchener’s Technique): a new technique for treatment of acute and subacute spinal root compression
N. Kitchener | CAIRO, EGYPT

P 11281  Use of electromyography to evaluate recovery in patients with chronic and complete spinal cord injury who received combined therapy: Neurorehabilitation and autologous neural stem cell implant
M.T. Moviglia Brandalino, G.A. Moviglia, G. Albanese, S. Piccone | CIUDAD AUTONOMA DE BUENOS AIRES, ARGENTINA

P 11282  Bilateral involvement in three patients with Hirayama disease
K. Okamoto, M. Amari, M. Takatama | MAEBASHI, JAPAN

P 11283  Are patients receiving spinal surgery at higher risk for multiple-drug resistant urinary infections?
M. Ricco1, S. Cattani2, F. Pezzetti2, D. Nicolotti3, C. Signorelli4 | TRENT, PARMA, PIACENZA, ITALY

P 11284  Hirayama disease: a not so rare neither so idiopathic non-progressive, juvenile spinal muscular atrophy of the upper limbs
M. Ricco1, S. Cattani2 | TRENT, PARMA, ITALY

P 11285  Electromyography and muscle biopsy of paraspinal muscles in adolescent idiopathic scoliosis
I. Štětkářová, J. Zamecnik, V. Bocek, P. Vasko, K. Brabc, M. Krbc | PRAGUE, CZECH REPUBLIC

P 11286  Going to the root of the problem: Horner syndrome caused by T1-T2 disc herniation
M. Tábuas-Pereira, J. Parra, C. Juanaio | COIMBRA, PORTUGAL
POSTER SESSION
AGEING AND DEMENTIA 2
13:30-14:15 | SCREEN A2
CHAIRPERSON:
Dorota Religa, STOCKHOLM, SWEDEN

P 12001  Cognitive impairment as a predictor of functional decline after hospitalisation, DECOFIRH STUDY
A. de Albóniga-Chindurza, C. Anciones, F. Acebrón, C. Guirao, D. Ibáñez, P. Roiz, P. Pérez, G. García-Ribas
MADRID, SPAIN

P 12002  Pathological gambling: an uncommon onset of frontotemporal dementia
F. de Marchi, G. Tondo, M. Sacchetti, E. Terazzi, R. Cantello
NOVARA, ITALY

P 12003  Real-world Alzheimer’s disease drug treatment – 18-month results from an observational study in three European countries (GERAS)
C. Reed, J. Lebrec, G. Dell’agnello
1 WINDLESHAM, UK, 2 BAD HOMBURG, GERMANY, 3 SESTO FIORENTINO, ITALY

P 12004  Family C9ORF72 mutation revealed by a severe catatonia syndrome
A. Dormeuil, Y. Chen, S. Bombois
LILLE, FRANCE

P 12005  Alzheimer’s disease with or without the co-occurrence of other neurodegenerative diseases: Distinct clinical and neuropathological phenotypes? A preliminary survey
B. Dufournet, A. Maua de Paula, M. Ceccaldi
WINDLESHAM, UK

P 12006  Deviant driving measures of healthy controls, MCI and AD patients in simulated driving
ATHENS, GREECE

P 12007  Midlife coffee drinking and dementia-related brain changes on MRI up to 28 years later
M. Eskelinen, G. Spulber, T. Ngandu, M. Kivipelto, H. Soininen, A. Solomon
1 KUOPIO, 2 HELSINKI, FINLAND

P 12008  Effect of moderate-to-high intensity aerobic exercise on cortical beta-amyloid accumulation measured with 11C-PiB-PET in patients with mild Alzheimer’s disease
1 COPENHAGEN, 2 ROSKILDE, DENMARK

P 12009  Effect of moderate-to-high intensity aerobic exercise on hippocampus and cortical regions in patients with mild Alzheimer’s disease
1 COPENHAGEN, 2 ROSKILDE, DENMARK

P 12010  Appraisal of the utility of the AIT appropriate use criteria of the amyloid-PET
1 BRESCIA, 2 ROMA, 3 GENOA, ITALY, 4 GENEVA, SWITZERLAND

P 12011  The incremental diagnostic value of 18F-Florbetapir imaging in naturalistic patients with cognitive impairment: final results from the INDIA-FBP study
1 BRESCIA, 2 ROMA, 3 GENOA, ITALY, 4 GENEVA, SWITZERLAND

P 12012  Primary progressive aphasia as presentation of frontotemporal lobar degeneration due to novel GRN g.1642_1645delTGAG mutation
1 CINCINNATI, 2 INDIANAPOLIS, USA

P 12013  Abstract cancelled

POSTER SESSION
AUTONOMIC NERVOUS SYSTEM 2
13:30-14:15 | SCREEN B1
CHAIRPERSON:
Josef Zeitlhofer, VIENNA, AUSTRIA (TBC)

P 12014  The correlation of response between the Valsalva maneuver and head-up tilt table test
J.-J. Lee
DAEGU, KOREA, REPUBLIC OF

P 12015  Jasmine stimulation mitigates sympathetic and augments parasympathetic cardiovascular modulation in patients with a history of moderate or severe traumatic brain injury
M. Liu, R. Wang, F. Canavesi, C. de Rojas Leal, K. Hösi, T. Hummel, M. Hilz
1 ERLANGEN, 2 NUREMBERG, 3 DRESDEN, GERMANY

P 12016  Abstract cancelled
SATURDAY, 28 MAY
13:30 - 14:15

POSTER SESSIONS

CEREBROVASCULAR DISEASES 4
13:30 - 14:15 | SCREEN G1

CHAIRPERSON:
Christine Kremer, MALMO, SWEDEN

P 12024  Association between mycoplasma pneumonia and increased risk of ischemic stroke: a case report
S. Benghanem, C. Rosso, A. Leger, J. Harche, Y. Samson | PARIS, FRANCE

P 12025  Balint’s syndrome after cardiac catheterisation: an unusual presentation of stroke
F. Bernardi, A. Timóteo, A.N. Pinto | AMADORA, PORTUGAL

P 12026  CADASIL frequency in patients with leukencephalopathy
J. Buscek, B. Blazejewska-Hzyorek, K. Gramza, A. Cudna, I. Kurkowska-Jastrzebska | WARSAW, POLAND

P 12027  Football: passion, indifference or vascular risk?
C. Borbinha, J.P. Marto, L. Conceição, L. Alves, S.L. Calado, M. Viana-Baptista | LISBON, PORTUGAL

P 12028  Abstract cancelled

P 12029  Syndrome of the trephined: a case report related to atmospheric pressure changes

P 12030  Ventricular myxoma as a cause of vertebrobasilar stroke
J.J. Bravo, M.J. Corrales Arroyo, N. Giraldo, A. Parralo, S. Carrasco Garcia de León | CIUDAD REAL, SPAIN

P 12031  Uric acid in acute ischemic stroke prognosis
F.H. Cabrera Naranjo, M. Sosa Henriquez, P. Saavedra Santana, A. Gonzalez Hernandez, Ó. Fabre Pi | LAS PALMAS DE GC, LAS PALMAS, SPAIN

P 12032  Syncope and neurological signs: double trouble?
E. Campos Costa, E. Guevara, M. Rodrigues | ALMADA, PORTUGAL

P 12033  Headache associated with acute stroke is less frequent in patients treated with intravenous recombinant tissue-type plasminogen activator treatment

P 12034  Reversible posterior leukencephalopathy syndrome (RPLS) associated to therapy with sunitinib: first Italian case report and review of the literature
M. Cavalli, L. Saraceno, G. Bosco, G. Meola | MILAN, ITALY

P 12035  Abstract cancelled

P 12036  Abstract cancelled

P 12037  Risk factors for stroke-related pain and its variants in acute period ischemic stroke
T. Cherenko, O. Markulian | KIEV, UKRAINE
POSTER SESSION
CEREBROVASCULAR DISEASES 5
13:30-14:15 | SCREEN G3
CHAIRPERSON:
Urs Fischer, Bern, Switzerland

P12038 Ischaemic stroke as presenting manifestation of a paraneoplastic granulomatous vasculitis
A. Ekmen, C. Rosso, F. Baronnet Chauvet, S. Crozier, A. Léger, D. Leclercq, Y. Samson | Paris, France

P12039 Clinical and prognostic impact of radiological parenchymal abnormalities associated with cerebral venous thrombosis

P12040 Brain vascular lesions, gait and balance

P12041 Abstract cancelled

P12042 Spinal epidural haematoma during apixaban treatment

P12043 Transient ischemic attack mimics in older patients with convexity subarachnoid hemorrhage: an early feature of cerebral amyloid angiopathy
S. Evain, B. Guillou, S. de Gaalon, P. Derkinderen, M. Sevin | Nantes, France

P12044 How good is primary prevention of patients with known atrial fibrillation and a first-ever stroke
O. Fabre Pi, A. Gonzalez Hernandez, F.H. Cabrera, Y. Miranda Bacallado, M. Viana-Baptista | Las Palmas de Gran Canaria, Spain

P12045 HTRA1 expression in HTRA1 gene mutation carriers
P. Formichi, A. Fasano, S. Bianchi, M.T. Dotti, A. Federico | Sienna, Italy

CEREBROVASCULAR DISEASES 5
13:30-14:15 | SCREEN G3
CHAIRPERSON:
Urs Fischer, Bern, Switzerland

P12046 Cerebral venous sinus thrombosis complicated with venous infarction with hemorrhagic transformation, sub-arachnoid hemorrhage and subdural hematoma – are NOAC safe?
A. Félix, A. Andre, H. Nzwalu | Faro, Portugal

P12047 A case of posterior reversible encephalopathy syndrome with isolated pons involvement in a patient with Turner syndrome
M. Ferrara, M.P. Di Viesti, M.V. Inchingola, M.R. Latino, M.T. Popolizio, M. Leone | San Giovanni Rotondo (FG), Italy

P12048 Does antiplatelet therapy during bridging thrombolysis increase rates of intracerebral hemorrhage in stroke patients?
A. Broeg-Morvay, P. Mordasini, Y. Miranda Bacallado, M. Viana-Baptista | Las Palmas de Gran Canaria, Spain

POSTER SESSION
CLINICAL NEUROPHYSIOLOGY 2
13:30-14:15 | SCREEN H2
CHAIRPERSON:
Martin Rakusa, Maribor, Slovenia

P12050 Bilateral middle cerebellar peduncles ischemia due to large vessel arteritis
A. Franco, S. Reimão, L. Neto, J.M.M.C. Ferro, T. Pinho E Melo | Lisbon, Portugal

P12051 Do patients with stroke and newly diagnosed atrial fibrillation have benefit from prior treatment with acetylsalicylic acid?
L. Friedrich, P. Crnac, H. Budincevic | Zagreb, Croatia

P12052 The N100 potential in pattern reversal VEP: incidence and consequences for P100 interpretation
W.H. Mess, N. Bauer, D. Hilkman, J. Reulen | Maastricht, Netherlands

P12053 The burst-suppression EEG pattern in comatose children is reactive to photic stimulation
D. Nita, M. Moldovan, R. Sharma, S. Avramescu, H. Otsubo, C. Hahn | Toronto, Canada, Copenhagen, Denmark
CORTICOSPINAL RESERVE AND DISABILITY PREDICT EFFICACY OF REPEATED TRANSCRANIAL STIMULATION ON WALKING ABILITIES IN PEOPLE WITH PROGRESSIVE MULTIPLE SCLEROSIS UNDERGOING REHABILITATION
A. Nuara, R. Chieffo, M. Fichera, F. Esposito, F.G. Martellini Boneschi, M. Radaelli, A. Zangen, M. Comola, G. Comi, L. Leocani, Milan, Italy, Beer-Sheva, Israel

MOTOR UNIT NUMBER INDEX (MUNIX) OF SIX MUSCLES: NORMAL VALUES AND EFFECTS OF AGE AND GENDER
T.A. Omer, G. Mullins, O. Hardiman, Dublin, Ireland

THE NUMBER OF EVENTS IN THE EEG IS SIGNIFICANTLY LOWER IN DEMENTIA
Z. Pavelek, J. Kuchynka, F. Casberger, O. Vyšata, A. Procházka, M. Valis, Hradec Králové, Prague, Czech Republic

INTRAOPERATIVE NEUROPHYSIOLOGICAL MONITORING IN TRANSPEDICLE FIXATION AT LUMBOSACRAL LEVEL
M. Podgurskaia, V. Lebedev, D. Ivanova, O. Vinogradov, E. Plastunenko, A. Tishuk, Epifanov, Moscow, Russian Federation

PROPOSAL FOR ELECTRODIAGNOSTIC EVALUATION OF PATIENTS WITH SUSPECTED ULNAR NEUROPATHY AT THE ELBOW
G. Omejec, S. Podnar, Ljubljana, Slovenia

WIDE PREFRONTAL AND SENSORY-MOTOR NETWORK INVOLVEMENT IN THE PREPARATION OF THE CHOICE IN COMPARISON TO THE SIMPLE REACHING
M. Rakusa, P. Busan, P. B. Battaglini, B. Kornik, J. Zidar, Maribor, Ljubljana, Slovenia, Trieste, Italy

REPEATER F-WAVES IN ALS
D. Velistsis, C. Papapavlou, E. Chroni, Patras, Greece

ASYMMETRIC SENSORY NERVE ACTION POTENTIAL AMplitudes AS AN EARLY HINT FOR DiAGNOSing Lewis-SUMNER Syndrome
M. I. Yan, H. N. Günes, B. Göçek Çokal, C. S. Demircan, S. Keskin Guler, C. Ataç Uçar, Yoldas, Ankara, Turkey

SEARCHING FOR ELECTROENCEPHALOGRAPHIC MARKERS FOR USE IN LONG-TERM BRAIN MONITORING
J. Zibrandtsen, P. Kidmose, M. Otto, J. Ibsen, T. Kjaer, Roskilde, Aarhus, Denmark

THE INFLUENCE OF ANTI-EPILEPTIC DRUGS IN THE LIPID PROFILE IN PATIENTS WITH VASCULAR EPILEPSY
I-R. Carcalici, A. Lazaroae, G. Cioca, C. Roman-Filip, Sibiu, Romania

CONTINUOUS THETABURST STIMULATION FOR THE TREATMENT OF REFRACTORY EPILEPSY: A CASE REPORT

ABSTRACT CANCELLED

PROGNOSTIC FACTOR OF STATUS EPILEPTICS PATIENTS IN KOREA
S.-H. Chae, J. Han, M.-K. Kim, J.W. Cho, Yangsan, Korea, Republic of

SEROTONIN RECEPTORS IN GENETIC GENERALIZED EPILEPSIES

FEAR OF THE DENTIST, A NEW FORM OF REFLEX EPILEPSY?
R. de Jong, T. Schreuder, Heerlen, Netherlands

PERAMPRANEL IN THE CLINICAL PRACTICE. DATA AFTER ONE YEAR OF TREATMENT
P 12070  An epileptic patient presented with atypical perivascular space
S. Demir, E. Togrol, C. Kafadar, M.F. Özdag | ISTANBUL, TURKEY

P 12071  Differences between mesial and neocortical magnetic resonance imaging negative temporal lobe epilepsy
I. Doležalová | BRNO, CZECH REPUBLIC

P 12072  Adult onset continuous partial epilepsy and acute unilateral hemispheric involvement. What is the diagnosis?
C. Duwicquet, C. Mouthon Reigner, J. Biberon, B. de Toffol, N. Limousin | TOURS, FRANCE

P 12073  Abstract cancelled

P 12074  Transient amnesic syndromes. The challenge to explain forgetfulness
T. Liano Sanchez, M.E. García García, B. Parejo Carbonell, B. Abarrategui, D. Toledo Alfocea, I. Garcia Morales | MADRID, SPAIN

P 12075  The relationship between frequency of seizures, number of antiepileptic medications with anxiety, depression and quality of life (QoL) issues
G. Zemgulyte, G. Jurkevičiene, K. Lauckaitė | KAUNAS, LITHUANIA

P 12076  Interictal cortex excitability in transcranial magnetic stimulation of migraine and chronic tension type headache
J.H. Han1, D.E. Kim1, S.W. Han1, J.J. Joo1 | SEOUL, KOREA, REPUBLIC OF; 2GUMI, KOREA, REPUBLIC OF

P 12077  Management of headaches and sleep disturbances in patients with consequences of traumatic brain injury
I. Iakubenko, T. Litovchenko, O. Zavalna, L. Shovchenko | KHARKIV, UKRAINE

P 12078  Paroxysmal hemicrania evolving to cluster headache: a resistant case
L.E. Inan, C. Ataç-Uçar, H.A. Unal-Artik, S. Akın-Takmaz | ANKARA, TURKEY

P 12079  Treatment of status migrainosus with local anesthetics
L.E. Inan, H.A. Unal-Artik, C. Ataç-Uçar, N. Inan | ANKARA, TURKEY

P 12080  Personality traits in fibromyalgia patients with paesthetic complaints
O. Balbaloglu1, N. Tanık1, M. Alpayci2, H. Akgül, E. Karaahmet3, L.E. Inan | 1YOZGAT, 2VAN, 3ÇANAKKALE, TURKEY

P 12081  Botulinum toxin in chronic refractory migraine: is the effect of Incobotulinumtoxin A (XEOMIN®) sustained?
I.M. Ion, A. Le Floch, M.M. de Verdal, M.A. Lozza, M.P.E. Thouvenot, G. Castelnovo | 1NÎMES, FRANCE; 2PAVIA, ITALY

P 12082  Depression and anxiety as comorbidities in migraine
J. Jesus Ribeiro, A.M. Novo, L. Sousa, S. Batista | COIMBRA, PORTUGAL

P 12083  Peripheral nerve blocks in the treatment of migraine in pregnancy and breastfeeding: experience in a series of 23 patients

P 12084  Primary headache associated with sexual activity: clinical characteristics in a series of 17 cases

P 12085  Fibromyalgia is more prevalent in migraine with aura: a cross-sectional study
F. Khorvash | ISFAHAN, IRAN, ISLAMIC REPUBLIC OF

P 12086  Migraine and irritable bowel syndrome: an epidemiological study
M. Ghasemi, F. Khorvash, S. Mirzaei, S. Memar Montazerin, M. Khazaieili | ISFAHAN, IRAN, ISLAMIC REPUBLIC OF

P 12087  Vertebrogenic cervicalgia as a risk factor for pathological deformation of the main arteries of the brain and their neurological symptoms in young people
S. Khudayarova, G. Rakhmatullava, K. Khailimova | TASHKENT, UZBEKISTAN

P 12088  Microstructural and metabolic abnormalities on migraine
K. Sadokha, V. Kitsen, V. Evstigneev, R. Sakovich | MINSK, BELARUS
**SATURDAY, 28 MAY**

**13:30 - 14:15**

**POSTER SESSION**
**MOVEMENT DISORDERS 2**
**13:30-14:15 | SCREEN E4**
**CHAIRPERSON:** Christer Nilsson, LUND, SWEDEN

- **P 12089** Epidemiology of vertebrogenic pain syndromes  
  I. Vyshlova, I. Azoidis, S. Karpov | STAVROPOL, RUSSIAN FEDERATION

- **P 12090** Validation of the University of Pennsylvania Smell Identification Test (UPSIT-40) in Greek Parkinson’s disease patients and healthy controls  
  E. Boura, T. Goiitzoglou, D. Tsilikakis, D. Karakostas, N. Grigoriadis | THESSALONIKI, GREECE

- **P 12091** The effects of visual cues on gait in Parkinson’s disease patients with DBS  

- **P 12092** Quality of life in Parkinson’s disease: impact of non-motor symptoms  
  M. Calheia, A. Goncalves, I. Moreira, N.M.D.S. Vila-Chá, J. Damasio, A. Bastos Lima, S. Cavaco, A. Mendes, J. Fernandes | PORTO, PORTUGAL

- **P 12093** Longitudinal clinical and brain MRI changes in multiple system atrophy  
  F. Casi, F. Agosta, I. Nikolic, M. Jeičmenica Lukic, I. Petrovic, I. Stankovic, P. Valsasina, V.S. Kostic, M. Filippi | MILAN, ITALY, BELGRADE, SERBIA

- **P 12094** Efficacy of safinamide on motor and non-motor symptoms in fluctuating Parkinson’s disease patients  
  C. Cattaneo, E. Bonizzi, M. Sardina | MILAN, ITALY

- **P 12095** Abstract cancelled

- **P 12098** Sleep in essential tremor patients: a polysomnographic study  
  O. Dogu, S. Ozal, H. Kaleagasi | MERSIN, TURKEY

- **P 12100** The frequency of copper deficiency due to overtreatment in Wilson’s disease patients  
  K. Dziercz, A. Sobanska, T. Litwin, M. Rakowicz, A. Czlonkowska | WARSAW, POLAND

- **P 12101** Deviant driving measures and variability of Parkinson’s disease patients and healthy controls in simulated driving  

- **P 12102** Prevalence and characteristics of impulse control disorders in Parkinson’s disease  

**POSTER SESSION**
**MOVEMENT DISORDERS 3**
**13:30-14:15 | SCREEN E3**
**CHAIRPERSON:** Espen Dietrichs, OSLO, NORWAY

- **P 12103** Glucocerebrosidase activity in a cohort of PD patients  
  I. Trezzi, V. Melzi, G. Franco, L. Borellini, E. Monfrini, A. Bordoni, N. Bresolin, G.P. Comi, A.B. Di Fonzo | MILAN, ITALY

- **P 12104** Frequency of the dopamine dysregulation syndrome and risk factors for its development in Slovenian Parkinson’s disease patients  
  V. Šet, J. Šinkovec, Z. Pirtošek, M. Trošt | LJUBLJANA, SLOVENIA

- **P 12105** Abstract cancelled
P 12106  Hemichorea due to hyperosmolar nonketotic hyperglycemia
MADRID, SPAIN

P 12107  Email in a Movement Disorders clinic: answers one click away
MADRID, SPAIN

P 12108  Sleep problems in dystonia patients and influence of deep brain stimulation
V. Vuletić
ZAGREB, CROATIA

P 12109  Abstract cancelled

P 12110  The efficacy of combination 123I-FP-CIT and 123I-MIBG in Parkinson syndrome
ASAHIKAWA, JAPAN

P 12111  Correlation between duration of Parkinson’s disease and development of non-motor symptoms in a Siberian region
TOMSK, RUSSIAN FEDERATION

P 12112  Sleep disturbances in Parkinson’s disease patients
L. Zonic, O. Sinanovic
TUZLA, BOSNIA AND HERZEGOVINA

P 12113  A case of the levitating hand: rapid progression of neurodegenerative disorder?
E. Župančič, M. Jožef, L. Savšek, G. Granda
LJUBLJANA, SLOVENIA

P 12114  A case of neuromyelitis optica with optic neuritis, extensive cerebral and spinal cord lesions, associated with anti-Ku antibodies and complicated with toxocariasis
R.S. Badea, I.C. Cernat, A. Craciunoiu
BUCHAREST, ROMANIA

P 12115  Quality of life does not predict conversion from CIS to definite MS: a five-year prospective study
BOLOGNA, ITALY

P 12116  Effect of organisational features on patient satisfaction with care in Italian Multiple Sclerosis centres
BOLOGNA, MILAN, FLORENCE, SAN GIOVANNI ROTTONO, GENOA, PALERMO, FERRARA, ITALY

P 12117  Anti-KIR4.1 antibodies as a biomarker for Multiple Sclerosis: difficulties and preliminary data
A. Bertolotto, P. Valentino, M. Caldano, F. Marnetto
ORBASSANO, ITALY

P 12118  Abstract cancelled

P 12119  Clinical trial subjects with relapsing-remitting multiple sclerosis in Russia have more advanced disease and/or higher disease activity than those enrolled in broader international trials: demographic evaluation of the RUSTYS trial of natalizumab
A. Boyko, E. Evdoshenko, O. Vorobyeva, V. Pukaite
MOSCOW, SAINT PETERSBURG, RUSSIAN FEDERATION, ZUG, SWITZERLAND

P 12120  Therapeutic plasma exchange treatment in an aggressive tumefactive multiple sclerosis patient
M. Yucel, A. Çetiz, O. Boyraz, O. Altay, S. Alay, S. Demirkaya
ANKARA, TURKEY

P 12121  Value of cerebrospinal fluid oligoclonal bands in current everyday practice: analysis of a CIS patients cohort
L. Braz, L. Carvalho, M.J. Sá, J. Guimaraes
PORTO, PORTUGAL
SATURDAY, 28 MAY

13:30 – 14:15

P 12122 Progression of idiopathic optic neuritis to multiple sclerosis in a population of 93 patients from the North of Portugal
L. Braz, J. Máximo, C. Andrade, M.J. Sá, J. Guimarães | PORTO, PORTUGAL

P 12123 Repeated episodes of status epilepticus correspond with severity of multiple sclerosis and can also indicate double pathology
T. Brede, E. Kantorova, E. Kurca, K. Zeleňák, L. Plank | MARTIN, SLOVAKIA

P 12124 Zinc in multiple sclerosis – a systematic review and meta-analysis
M. Bredahl, J.L. Frederiksen | GLOSTRUP, DENMARK

P 12125 Clinical features of patients with relapsing inflammatory optic neuropathy
A. Çakar, H.I. Akçay, T. Gunduz, M. Kürtüncü, M. Eraksoy | İSTANBUL, TURKEY

P 12126 Abstract cancelled

P 12127 The risk of multiple sclerosis: a possible role of an interaction of the age of infections and a specific dietary factor at young age
K. J. Lauer1, A. Wahl2, M. Geilenkeuser3 | 1GRIESHEIM, 2DARMSTADT, 3OBER-RAMSTADT, GERMANY

P 12128 First dose effects of fingolimod: in depth electrocardiographic analysis confirms first dose observation is usually uneventful
V. Limroth1, W. Haverkamp2, R. Dechend3, M. Lang3, J. Haas4, B. Wagner5, S. Richter5, H. Schieb6, G. Wendt6, T. Ziemssen7 | 1COLOGNE, 2BERLIN, 3ULM, 4STUTTGART, 5NUREMBERG, 6DRESDEN, GERMANY

P 12129 Treatment-naive patients who had highly active relapsing–remitting multiple sclerosis at baseline demonstrate persistent suppression of MRI activity and brain atrophy with alemtuzumab over 5 years
V. Limroth, P. Vermersch, J. Lycke, B. Singer, S. Krieger, D.H. Margolin, K. Thangavelu, A. Traboulsee, On Behalf Of The Care-Ms I Investigators | 1COLOGNE, GERMANY, 2ULLE, FRANCE, 3GOTHENBURG, SWEDEN, 4ST LOUIS, 5NEW YORK, 6CAMBRIDGE, USA, 7VANCOUVER, CANADA

P 12130 Are eyes with and without history of optic neuritis in multiple sclerosis aging differently?
J. Lizrova Preiningerova, L. Sobisek, P. Kuthan, P. Diblik, E. Havrdova | PRAGUE, CZECH REPUBLIC

P 12131 Nasal RNFL segment thickness correlates best with corpus callosum atrophy in multiple sclerosis

P 12132 The plasma values of 8-OH-deoxyguanosine and neurofilaments correlate with clinical and radiological features of Initial and relapsed demyelinating attacks
S. Ljubisavljevic, I. Stojanovic, S. Vojinovic, D. Stojanov | NICE, SERBIA

P 12133 Improved probabilistic segmentation of white matter lesions in multiple sclerosis
E. Lommers, G. Delrue, G. Reuter, P. Calay, V. Delvaux, P. Maquet, C. Phillips | LIEGE, BELGIUM

P 12134 Effect of fampridine on cognitive performance in patients with multiple sclerosis

P 12135 Infusion-associated reactions decline from the first to the second course of alemtuzumab in relapsing-remitting multiple sclerosis patients previously treated with SC IFNB-1a: CARE-MS extension study.
J. Lycke1, B. Khatri4, B. Sharrack2, V. Brinar3, T. Miller5, D.H. Margolin6, K. Thangavelu6, L. Mayer7 | 1GOTHENBURG, SWEDEN, 2SHEFFIELD, UK, 3ZAGREB, CROATIA, 4MILWAUKEE, 5FORT COLLINS, 6CAMBRIDGE, 7ROUND ROCK, USA

P 12136 Month of birth effect on the risk of multiple sclerosis in Denmark
M. Magyari, N.J. Koch-Henriksen | COPENHAGEN, DENMARK

P 12137 The effects of smoking on clinical evolution of multiple sclerosis patients treated with first line DMTs
M.-S. Maier, Z. Bajko, A. Motataianu, L. Bărcuţean, S. Voidăzan, R. Bălaşa | 1TÂRGU MUREŞ, ROMANIA

P 12138 Vitamin D metabolic pathway abnormalities and risk of multiple sclerosis in patients with clinically isolated syndromes
POSTER SESSIONS
SATURDAY, 28 MAY
13:30 - 14:15

POSTER SESSION
MUSCLE AND NEUROMUSCULAR JUNCTION DISEASE 2
13:30-14:15 | ROOM: SCREEN B4
CHAIRPERSON:
Abhijit Chaudhuri, Romford, UK

P 12139  Autologous mesenchymal stem cells transplantation impacts on neurological deficiency development in patients with relapsing-remitting multiple sclerosis
Y. Maskouskikh, A. Fedulov, A. Borisov, M. Andreeva | Minsk, Belarus

P 12140  Stress from myasthenic crisis triggers Takotsubo (broken heart) syndrome
J. Finsterer, C. Stollberger | Vienna, Austria

P 12141  Affection of the respiratory muscles in combined complex I and IV deficiency
J. Finsterer, H. Rauchsa, L. Segal, G. Kavacs | Vienna, Austria

P 12142  Polymyositis in antisynthetase syndrome: a piece of the puzzle
T. Geraldès, I. Cordeiro, I. Cruz, M.D. Grunho, A.C. Ribeiro | Almada, Portugal

P 12143  Symptomatic Duchenne Muscular Dystrophy (DMD) in a female carrier of mutated dystrophin gene
N. Giraldo Restrepo, A. Hernandez, J.J. Bravo, A. Parralo, A. Camacho, S. Carrasco Garcia de Leon | Ciudad Real, Spain

P 12144  Statin-induced necrotizing autoimmune myopathy: a case report
E. Gokce, Z. Aktan, P. Dogan Ak, I. Kalyoncu Aslan, P. Oflazer | Istanbul, Turkey

P 12145  Pregnancy in anti-MuSK myasthenia gravis
A. Gropperon, A. Versucher, A. Finet-Monnier, P. Poulin, F. Sanderson, B. Chabrol, J. Pouget, S. Attarian, E. Salart-Campana | Marseille, France

P 12146  Abstract cancelled
P 12147  Abstract cancelled
P 12148  Myasthenia Gravis: clinical and epidemiological approaches (cohort of 40 cases)

P 12149  A prospective natural history study of inclusion body myositis: baseline characteristics
P. Houston1, P. Machado2, A. Genge3, I. Scholten1, L. Lowes4, D. Laurent1, D. Papanicolau2, M. Hanna2 | Basel, Switzerland, London, UK, Quebec, Canada, Columbus, East Hanover, USA

P 12150  Worsening of Myasthenia Gravis after administration of injectable long-acting risperidone for treatment of schizophrenia: a first case report
I. Ismail | Kuwait, Kuwait

P 12151  A Case of Myasthenia Gravis Presenting With Bilateral Facial Weakness and Bulbar Signs Without Extracranial Muscle Involvement
K-D. Jo, W. Jang, M-K. Lee | Gangneung, Korea, Republic of

POSTER SESSION
NEUROIMAGING 1
13:30-14:15 | SCREEN A3
CHAIRPERSON:
Frederik Barkhof, Amsterdam, The Netherlands

P 12152  The combined use of 3D T1- and T2-weighted sequences improves cervical cord lesion detection in patients with multiple sclerosis: a multicenter study at 3T

P 12153  3D-imaging applying in MRI for assessment of the pathological dynamics in patients with multiple sclerosis after autologous mesenchymal stem cells transplantation
M. Andreeva | Minsk, Belarus

P 12154  Imaging of vertebral artery: differentiation of hypoplasia from stenosis.
A. Azimov, G. Rakhimbaeva | Tashkent, Uzbekistan

P 12155  Functional connectome architecture of Alzheimer’s disease, mild cognitive impairment and behavioral variant of frontotemporal dementia: a graph analysis study
E. Canu, F. Agosta, S. Basaia, A. Meani, S. Galantucci, F. Casa, G. Magnani, R. Santangelo, M. Falautano, G. Comi, A. Falini, M. Filippi | Milan, Italy
SATURDAY, 28 MAY
13:30 - 14:15

POSTER SESSIONS

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

POSTER SESSION
NEUROLOGICAL MANIFESTATIONS OF SYSTEMIC DISEASES 1
13:30-14:15 | SCREEN B3

CHAIRPERSON:
Daniel Kondziella, COPENHAGEN, DENMARK

P 12166 Limbic encephalitis with GABA receptor antibodies
A. Andre, M. Shamasna, C. Basilio, A. Félix, M. Milheiro, H. Nzwalo | FARO, PORTUGAL

P 12167 CNS involvement in familial amyloidotic polyneuropathy: what mechanisms?

P 12168 Diagnosis of a new mutation for Ehlers Danlos Syndrome type IV in a patient with a spontaneous spinal subarachnoid haemorrhage
A. Arbex Balsoss, M. Villa López, M. Rosón González, A. Perez Rodríguez, J. Lopez La Fuente, M. Barxias Martin, P. Ruiz Garcia, D. Lopez Wolf, L. Borrega Canelo, C. Martin Llorente | MADRID, SPAIN

P 12169 Subacute tetraparesis mimicking Guillan-Barré syndrome in two cases of acute intermittent porphyria
A.A. Arbune, A.M. Cobzaru, L. Tatu, C. Tiu, O.A. Bajenaru | BUCHAREST, ROMANIA

P 12170 Cerebrospinal fluid osmolality: determinants and correlation with plasma osmolality
G. Bellomo, M.B. Bardone, A. Mora, V. Castellina, E. Beltrami, E. Mairate, I. Crespi | NOVARA, ITALY

P 12171 Potassium channel antibodies in a patient with Sjögren syndrome, Hashimoto encephalitis and lung adenocarcinoma
R. Beyrouty, S. Mostoufizadeh, E. Penombre, A. Fickl, E. Schluck, A. La Porta, S. Courtois, E. Cohen | MULHOUSE, FRANCE

P 12172 Isolated myelitis in Behcet’s disease: report of seven cases
W. Bnouhanna, M. Rahmani, M. Benabdelljalil, S. Aidi, M. El Alaoui Faris | RABAT, MOROCCO

P 12173 Neurosarcoidosis: sometimes, the essential is invisible to the eye...
E. Campos Costa, A.P. Pereira, I.R. Marques, A.C. Ribeiro | ALMADA, PORTUGAL

P 12174 Bickerstaff's brainstem encephalitis
H. Çavuş, S. Aydinlik, P. İşeri | KOCAELI, İZMİT, TURKEY

P 12155 Radiological findings in Behcet disease
M. Chraa, N. Kissani | MARRAKECH, MOROCCO

P 12157 Abstract cancelled

P 12158 Significance of voxel-based morphometry in studying mild cognitive impairment.
A. Damulina, R. Konovalov, A. Kadukov | MOSCOW, RUSSIAN FEDERATION

P 12159 Structural connectivity in multiple sclerosis and simulation of disconnection
E. de Meo, M.A. Rocca, E. Pagani, B. Colombo, M. Rodegher, P. Preziosa, G. Comi, A. Falini, M. Filippi | MILAN, ITALY

P 12160 A PRES case developing in a young patient with a diagnosis of nephrotic syndrome after using cyclosporine
S. Demir, B. Öztürk, E. Togrol, H. Tekeli | ISTANBUL, TURKEY

P 12161 Reproducibility of resting state connectivity in patients with stable multiple sclerosis
D. Pinter, C. Beckmann, M. Koini, E. Pirker, N. Filippini, A. Pichler, S. Fuchs, F. Fazekas, C. Enzinger | GRAZ, AUSTRIA, NIJMEGEN, NETHERLANDS, OXFORD, UK

P 12162 Dynamics of cerebral blood flow in patients with non-ischemic heart failure

P 12163 Delayed leukoencephalopathy following acute methadone intoxication
S. Fastré, O. Rocrelle, M.-C. Duray, M. Gille | OTTIGNIES-LOUVAIN-LA-NEUVE, BELGIUM

M.A. Rocca, P. Valasasina, A. Colombo, F. Pirro, E. Pagani, E. de Meo, B. Colombo, P. Preziosa, M. Rodegher, G. Comi, A. Falini, M. Filippi | MILAN, ITALY

P 12165 Diffusional Kurtosis Imaging Study in bilateral Substantia Nigra and Red Nucleus of Parkinson’s Disease
X. Ma, J. Guan, R. Wu, Z. Cao | SHANTOU, CHINA
P 12175  Neurological involvement in adult hemophagocytic lymphohistiocytosis as presenting manifestation of systemic lupus erythematosus
A. de Sousa, P. Brás, I. Botelho, M. Almeida, M. Manita
LISBON, PORTUGAL

POSTER SESSION
PERIPHERAL NERVE DISORDERS 2
13:30-14:15 | SCREEN D2
CHAIRPERSON:
Jonathan Baets, ANTWERP, BELGIUM

P 12176  Clinical significance of asymmetrical polyneuropathy on nerve conduction studies
S.D. Pandya, Y.-C. Chan
SINGAPORE, SINGAPORE

P 12177  Sustained muscle strength and quality of life in patients with CIDP and MMN switched from intravenous to subcutaneous immunoglobulin
J. Christiansen, L.H. Markvardsen
FREDERIKSBERG, AARHUS, DENMARK

P 12178  Improvement of hemoglobin level following switch from intravenous to subcutaneous administration of immunoglobulin in CIDP and MMN
J. Christiansen, L.H. Markvardsen
FREDERIKSBERG, AARHUS, DENMARK

P 12179  Efficacy of intravenous immunoglobulin for painful peripheral neuropathy in a patient with eosinophilic granulomatosis with polyangiitis and type II diabetes
E.M. D’adda, A. Cagnana, M. Gennuso, A. Prelle
CREMA, ITALY

P 12180  Abstract cancelled

P 12181  Usefulness of skin biopsy for the etiological diagnosis of small fiber neuropathy
V. Davy, F. Pico
VERSAILLES, FRANCE

P 12182  Genotypic and phenotypic presentation of TTR-FAP in turkey
istikbul, ankara, TURKEY

P 12183  Chronic inflammatory demyelinating polyradiculoneuropathy associated with an inflammatory disease of the central nervous system: a case report
J. El Mesbahy, N. Louhab, N. Kissani
MARRAKECH, MOROCCO

P 12184  Functioning and quality of life in patients with peripheral neuropathy associated with anti-MAG antibodies
MILAN, PADUA, SIENNA, GENOA, ITALY

P 12185  Guillain–Barré syndrome following acute hepatitis E
D. Fitas, R. Lobato
VIANA DO CASTELO, PORTUGAL

P 12186  Epileptic seizures as a presentation of central nervous system involvement in TTR Val30Met-FAP
A. Franco, C. Bentes, M. de Carvalho, P. Pereira, J. Pimentel
LISBON, PORTUGAL

P 12187  Description of a family with autosomal dominant spastic paraparesis and peripheral neuropathy caused by a novel KIF1A mutation
M. Frasquet Carrera, M. Barreiro, R. Sivera, J.F. Vázquez Costa, C. Espinós, Á. Álamo Arenas, T. Sevilla
VALENCIA, GANDIA, SPAIN
HANDS-ON COURSE 1: NEUROSONOLOGY (VASCULAR)  
08:30 - 10:00 | HALL B5.M1

CHAIRPERSONS:
Natan Bornstein, TEL AVIV, ISRAEL
Laszlo Csiba, DEBRECEN, HUNGARY

Doppler evaluation of the carotid arteries
Natan Bornstein, TEL AVIV, ISRAEL

Duplex ultrasound evaluation of intracranial arteries – anterior circulation
Stephan Schreiber, BERLIN, GERMANY

Extra and intracranial sonographic assessment of the posterior circulation
Edoardo Vicenzini, ROME, ITALY

Neurosonology methods used in pharmaceutical trials
Laszlo Csiba, LASZLO CSIBA

This course will start with 4 short lectures (10 minutes each) about different aspects of methods, evaluation and assessment of neurosonology. These will be followed by hands-on demonstrations where the audience will be divided into two working-groups:
• Insonation of the extracranial and intracranial anterior circulation by Stephan Schreiber.
• Insonation of the extracranial and intracranial posterior circulation by Edoardo Vicenzini.

HANDS-ON COURSE 6: NEURO-OTOLOGY  
08:30 - 10:00 | HALL B4.M1

CHAIRPERSON:
Eleftherios Papathanasiou, NICOSIA, CYPRUS

Benign paroxysmal positional vertigo: provocation and liberation manoeuvres
Michael Leo Strupp, MUNICH, GERMANY

Vestibular evoked myogenic potentials
Eleftherios Papathanasiou, NICOSIA, CYPRUS
Dominik Straumann, ZURICH, SWITZERLAND

Video impulse test
Erich Schneider, SENFTENBERG, GERMANY
Konrad P. Weber, ZURICH, SWITZERLAND

Neuro-otological bedside tests
Adolfo Bronstein, LONDON, UK
Marianne Dieterich, MUNICH, GERMANY

This course encompasses the major bedside and auxiliary tests for evaluating patients with vestibular signs and symptoms. A room rotating scheme has been designed with four stations, spending twenty minutes at each, with practical demonstrations. The benign paroxysmal positional vertigo (BPPV) and neurootological bedside test stations will involve the neurootological clinical examination and the treatment of BPPV with the different manoeuvres for each separate canal BPPV. The vestibular evoked myogenic potential station will use a common evoked potential system available in all neurophysiological laboratories. The head impulse station will demonstrate head mounted video systems commercially available for eye movement documentation.

CASE-BASED FACILITATED WORKSHOP 2: CLUSTER HEADACHE – A CLINICAL CHALLENGE?  
08:30 - 10:00 | HALL B4.M2

CHAIRPERSON:
Peter Goadsby, LONDON, UK

Diagnosis of cluster headache and other TACS
Peter Goadsby, LONDON, UK

Neurobiology of cluster headache
Mads Barløse, GLOSTRUP, DENMARK

Pharmacological treatment strategies in cluster headache
Arne May, HAMBURG, GERMANY

Use of neuromodulation of cluster headache
Tim Jürgens, ROSTOCK, GERMANY

Cluster headache is one of the most painful disorders, severe enough to lead patients to suicidal thoughts. This primary headache, belonging to the trigeminal autonomic cephalalgias (TACs), is underdiagnosed and under- or mistreated. The diagnosis of other TACs (hemicrania continua, SUNCT...) may also be challenging, the more that their respective clinical presentations can overlap. The first purpose of this course is to provide a clear update on diagnosis and pathophysiology of cluster headache and other TACs, based on the most recent publications. The treatment strategies as well as the new non-pharmacological options like neurostimulation, will then be discussed using illustrative cases. We expect the audience to actively take part in the debate, especially by sharing personal experiences or issues with patients and their management.
Patients referred to a neurologist may complain of falling abnormally asleep during daytime (10% of the population), as well as experiencing abnormal behaviours (4% of young adults, 8% of elderly), sensations or movements during the night (2–4%). Because the nocturnal world is invisible to the neurologist unless the patient is studied in a sleep lab, the interview of patients and their bed-sharers is essential to recognize restless leg syndrome from numerous sensory problems (including neuropathies), to differentiate apathy and fatigue from sleep apnoea, narcolepsy and idiopathic hypersomnia, and to differentiate sleepwalking and REM sleep behaviour disorder from epilepsy and psychiatric disorders. Clinical cases and video-clips will help clinicians to switch on lights when lost in the darkness of the night.

Participants are encouraged to actively engage with immediate feedback to support learning (voting system)

Target Audience: Basic scientists, clinical academicians, practitioners

Scientific Content: The workshop will focus on the most recent achievements in the field of adult stem cells and neurological diseases (focusing on multiple sclerosis, muscle diseases and stroke) encompassing the biological rationale arising from preclinical studies and current clinical translation at the bed side.

FOCUSED WORKSHOP 8: MDS-ES/EAN: TICS AND TOURETTE SYNDROME – CONSENSUS AND CONTROVERSIES
08:30 - 10:00 | HALL M1

CHAIRPERSON:
Andrea Cavanna, BIRMINGHAM, UK

Challenges in diagnosing tics, Tourette’s and comorbidities
Kerstin von Plessen, BERGEN, NORWAY

Tics and Tourette Syndrome – Movement disorders or behavioural conditions?
Andrea Cavanna, BIRMINGHAM, UK

Treatment of tics and Tourette syndrome – cannabis, deep brain stimulation and beyond
Kirsten Müller-Vahl, HANNOVER, GERMANY

Target Audience: Clinical academicians, practitioners, students/residents/trainees, non-physician health professionals

Scientific Content: Tics and Tourette Syndrome: Consensus and Controversies

Educational Objectives
Tourette syndrome and other tic disorders are amongst the most common hyperkinetic movement disorders, especially in school-age children, and pose significant challenges in terms of both diagnosis and treatment. This Focused Workshop provides a comprehensive educational package on the clinical assessment of motor and phonic tics, with particular attention to the differential diagnosis, which is often complicated by the presence of behavioural co-morbidities such as obsessive-compulsive disorder and attention-deficit/hyperactivity disorder. Therapeutic frontiers for tics include use of cannabinoids and deep brain stimulation for severe treatment-refractory cases and illustrate current and future pathways to improve patient’s health-related quality of life.
FOCUSED WORKSHOP 9: FOCAL DEMENTIAS
08:30 - 10:00 | HALL M2

CHAIRPERSON:
Jonathan M. Schott, LONDON, UK

The parietal lobes
Jonathan M. Schott, LONDON, UK

The temporal lobes
Stefano Cappa, MILAN, ITALY

The frontal lobes
Rik Ossenkoppele, AMSTERDAM, THE NETHERLANDS

Target Audience: Clinical academicians, practitioners, students/residents/trainees, non-physician health professionals

Scientific Content: The classical cortical dementia syndromes have predilection for certain brain regions with attendant fairly predictable patterns of cognitive impairment. This not only allows for them to be distinguished from one another and from normal ageing, but also informs the deficits encountered by patients, and how best these might be addressed. Identifying patterns of regional brain impairment is therefore a critical step in the evaluation of the cognitively impaired individual. In this focused workshop, we will use dementia syndromes associated with particular focal involvement to illustrate this approach, focussing on disorders that predominantly affect the parietal lobes, the temporal lobes, and the frontal lobes. Each speaker will provide a clinical overview of focal dementias affecting each of these three brain regions. Based on case histories, this will include aspects of the history, examination, and neuropsychology – illustrated with videos where possible – associated with involvement of different cortical areas; as well as a discussion of relevant investigations and the underlying pathology.

FOCUSED WORKSHOP 10: MDS-ES/EAN: BIOMARKERS FOR PARKINSON’S DISEASE
08:30 - 10:00 | HALL M4

CHAIRPERSON:
Werner Poewe, INNSBRUCK, AUSTRIA

The need for better biological markers for PD
Werner Poewe, INNSBRUCK, AUSTRIA

Alpha-Synuclein: a new evidence?
Wassilios Meissner, BORDEAUX, FRANCE

Imaging markers: MRI
Umberto Sabatini, ROME, ITALY

Imaging markers: PET/SPECT
Philippe Remy, CRETEIL, FRANCE

Target Audience: Basic scientists, clinical academicians, practitioners, students/residents/trainees

Scientific Content: The diagnostic accuracy and early diagnosis are major needs in current PD research. The focussed workshop will review the performance of current criteria to diagnose PD and the concept of preclinical and prodromal disease stages as well as state of current knowledge regarding diagnostic biomarkers. The role of alpha-synuclein in body fluids (particularly CSF and tissues accessible to biopsy) for PD diagnosis will be reviewed as well as current developments in MRI-based techniques to diagnose Parkinson’s disease and follow its progression.
FOCUSED WORKSHOP 12: IMPAIRED HAND FUNCTION AFTER STROKE AND PERIPHERAL NERVE INJURY: CONSEQUENCES FOR TREATMENT

08:30 - 10:00 | HALL M0

CHAIRPERSON:
Volker Dietz, ZURICH, SWITZERLAND

Treatment of hand function after peripheral nerve injury
Josep Valls-Solé, BARCELONA, SPAIN

Normal and impaired neural coupling of cooperative hand movements
Volker Dietz, ZURICH, SWITZERLAND

Bilateral hand movement training after stroke: what is the benefit?
Caroline Renner, LEIPZIG, GERMANY

Target Audience: Clinical academicians, practitioners, students/residents/trainees, occupational therapists, rehabilitation experts

Scientific Content: The process from lesion repair to recovery and to functional rehabilitation of hand function after traumatic neurotmesis of ulnar or median nerves will be presented. Role and effects of peripheral nerve grafts. Focused training of hand function to promote nerve regeneration. In stroke patients with a severe hemiparesis constraint induced movement therapy (CIMT) will be contrasted with bimanual arm training. Significance of bimanual movements in the recovery of hand function after stroke. Task-specific neural coupling during cooperative hand movements involves ipsi- and contralateral pathways in movement control. Influence of unaffected hemisphere in the neural control of the paretic arm/hand during cooperative hand movements.

SPECIAL SESSION 3: NEW EUROPEAN NEUROLOGICAL GUIDELINES

08:30 - 10:00 | HALL M3

CHAIRPERSON
Antonio Federico, SIENA, ITALY

Neurostimulation in Neuropathic Pain
Giorgio Cruccu, ROME, ITALY

Diagnosis and management of tick borne encephalitis
Pille Taba, TARTU, ESTONIA

Pre-hospital stroke management
Adam Kobayashi, WARSAW, POLAND

Alcohol-withdrawal seizures
Geir Brathen, TRONDHEIM, NORWAY

Scientific Content: We will report the most relevant results of the European Neurologic Academy Guidelines produced during the past year: Neurostimulation in Neuropathic Pain (G Cruccu, Roma, and N. Attal , Boulogne-Billancourt) reviewing the 2007 EFNS guideline. The new recommendation is that given the weak evidence available so far, for future trials the authors encourage large scale multicentre studies of non-invasive and invasive neurostimulation. They also recommend high quality studies of predictive factors of the efficacy of these techniques.

Diagnosis and Management of Tick Borne Encephalitis (P Taba, Tartu, Estonia), reporting data obtained by a large analysis of the literature from 1979 to 2015.

Prehospital stroke management (A Kobayashi, Warsaw, Poland)

Alcohol-withdrawal seizures (G Brathen, Trondheim, Norway) presenting the preliminary results. Although important, the dosing and frequency of Thiamine treatment is virtually undocumented. Benzodiazepines but no other anticonvulsants reduced the seizure risk significantly compared to placebo. In three randomized controlled studies, phenytoin failed to prevent recurrent seizures. No recent evidence supports advice to people with epilepsy regarding safe levels or frequency of alcohol consumption.
SPECIAL SESSION 4: EFNA OPEN DIALOGUE: LET’S TALK ABOUT SEX, SLEEP AND STRESS
08:30 - 10:00 HALL B5, M2

CHAIRPERSONS:
Audrey Craven, EFNA PAST PRESIDENT
Viktoria Papp, RRFS PRESIDENT

Sleep: raising awareness of sleep disorders in neuroscientific and neurological communities
Wolfgang Oertel, MARBURG, GERMANY

Stress: addressing mental health in neurological disorders: experiences and findings from clinical practice in neuropsychiatry
Christian Schmidt-Kraepelin, DÜSSELDORF, GERMANY

Sex: communicating on sexual dysfunction as a symptom of neurological disorders
David B. Vodušek, LJUBLJANA, SLOVENIA

Scientific Content: This session will show that for many patients affected by neurological disorders, it is the ‘secondary symptoms’ which are often the most burdensome. Sleep Disorders, Mental Health Problems and Sexual Dysfunction are all common ‘secondary symptoms’ or co-morbidities for neurology patients. During this session, specialists in each area will impart:

- Knowledge of the science/latest research on the symptoms/co-morbidities of sexual dysfunction, sleep disorders and poor mental health/wellbeing in patients affected by neurological disorders
- Education on how sexual dysfunction, sleep disorders and poor mental health/wellbeing, as symptoms of a primary neurological disorder, can be managed and treated effectively
- Tools/skills to ensure that such symptoms/co-morbidities are included as part of the consultation and how patient concerns/preferences can be accurately elicited
in Europe to evaluate efficacy of novel surgical strategies for Parkinson’s disease such as subthalamic nucleus stimulation and its impact upon patients cognition and quality of life. In addition, during the last years, he has dedicated his investigations to the study of the asymptomatic individuals carrying PD-causative mutations in the LRRK2 gene.

Prof. Giacomo Rizzolatti, was born in Kiev, in the former Soviet Union. He studied at University of Padua where he graduated in Medicine and obtained the specialization in Neurology. He spent three years at the University of Pisa at the Institute of Physiology, directed at that time by Prof. Giuseppe Moruzzi. His subsequent academic carrier took place mostly at the University of Parma where he started as an Assistant in Human Physiology and became Professor of Human Physiology, which is still his present academic position. He spent one year in the Department of Psychology of the McMaster University, Hamilton, Ontario, Canada and one year, as a Visiting Professor, in the Department of Anatomy of the University of Pennsylvania, Philadelphia. Since the early nineties he has a close collaboration with the Department of Computer Science and Neuroscience of the University of Southern California, Los Angeles and with Ahmanson Lovelace Brain Mapping Center of UCLA, Los Angeles. He was President of the European Brain Behavior Society and Italian Society for Neuroscience. For several years he directed the European Training Program in Brain and Behaviour Research (ETP) sponsored by the European Science Foundation and for a short time he has been a member of the “European Medical Research Council”. At present he is a member of Scientific Committee of “Fondation Fyssen” and Associate Member of the Neuroscience Program directed by Gerald Edelman, San Diego. Among his major awards are the “Golgi Prize for Physiology”, “George Miller Award” of the Cognitive Neuroscience Society, the “Feltrinelli Prize for Medicine” of Accademia dei Lincei, and the Herlitzka Prize for Physiology, Accademia delle Scienze di Torino. He received Honorary Degrees from the University Claude Bernard of Lyon, from the University of St. Petersburg, St. Petersburg, the Grawemeyer Prize for Psychology from the University of Louisville (USA) and the Prix J.-L. Signoret in Neuropsychologie from the IPSEN Fondation.

Moritz Romberg Lecture - The pre-diagnostic phase of Parkinson’s disease
Eduardo Tolosa, BARCELONA, SPAIN

Camillo Golgi Lecture - The mirror mechanism: social and medical implications
Giacomo Rizzolatti, PARMA, ITALY

Charles-Édouard Brown-Séquard Lecture - 3-D spatial memory and navigation: functions and disorders
Thomas Brandt, MUNICH, GERMANY

The European Academy of Neurology has established three lectures named after outstanding founders of European Neurology. This will be their first presentation during the presidential symposium at the congress.

Prof. Eduardo Tolosa, earned his MD degree from the University of Barcelona, Spain. His neurological training was obtained at the University of Minnesota Hospital in Minneapolis. He was visiting scientist at Brookhaven National Hospital, between 1974 and 1975, and, subsequently, he joined the faculty of the Department of Neurology at the University of Minnesota. He was later appointed chief of neurology at the University Hospital in Barcelona in 1982. Prof. Tolosa was certified as a neurologist by the American Board of Neurology and Psychiatry in 1976 and became a fellow in 1997. He is a founding member of the Movement Disorder Society (MDS). He has been president of the MDS and president of the ENS. Prof. Tolosa is an honorary member of several neurological societies, including the British Neurological Association and the French Neurological Society.

Field of research: movement disorders and particularly in issues related to experimental therapeutics, etiology and pathophysiology of various parkinsonisms. His team has investigated the clinical and molecular genetics of Parkinson’s disease and progressive supranuclear palsy. In the areas of experimental therapeutics, Prof. Tolosa was involved in pioneer studies defining mechanisms underlying levodopa-related motor fluctuations, both in patients and in pre-clinical models of parkinsonism. His team has been among the first
Prof. Thomas Brandt, studied medicine at the universities of Cologne and Essen. His clinical training was under Richard Jung in Neurology and Clinical Neurophysiology in Freiburg. From 1976 to 1984 he was Director of the Neurological Clinic of the Alfried Krupp Hospital in Essen, and from 1984 to 2008 Chairman of Neurology and Director of the Department of Neurology of Munich University. He has held a Hertie Senior Research Professorship since 2008 and is also Chief Executive Director of the German Center for Vertigo and Balance Disorders of Munich University. Prof. Brandt was formerly President of the German Neurological Society, the German Society for Clinical Neurophysiology and Functional Imaging, the International Society for Posture and Gait Research, and the European Neurological Society. He is an honorary member of the German, British, and French Neurological Societies, a member of the Bavarian Academy of Sciences, and of the German Academy of Life Scientists, Leopoldina. Awards include the Srinivasan Gold Medal, the Betty and David Koetser Prize for Brain Research, the Bárány Gold Medal, the Doctor Robert Pfleger Award, the Hans Berger Prize, the Wilhelm Erb Medal, and the Federal Cross of Merit, Germany.

Major research fields: general neurology and management of dizzy patients, basic mechanisms of vertigo, balance and ocular motor disorders, locomotion, visual-vestibular interaction, motion perception, spatial orientation, and navigation. Applied methods are stance and gait analysis, eye movement recordings, other neurophysiological measures, as well as psychophysics, functional imaging with MRI and PET, and modeling sensorimotor control.
SUNDAY, 29 MAY
14:45 - 18:15

HANDS-ON COURSE 2:
NEUROPHYSIOLOGY I - NEEDLE EMG
AND SINGLE FIBRE EMG
14:45 - 16:15 | HALL B5.M1

CHAIRPERSON:
Christian Krarup, COPENHAGEN, DENMARK

Electromyography – conventional
Christian Krarup, COPENHAGEN, DENMARK

Electromyography – single fibre
Sanjeev Nandedkar, HOPEWELL JUNCTION, USA

Christian Krarup will give a brief introductory presentation of conventional EMG using concentric needle electrodes and subsequently a demonstration of motor unit potential recording and analysis. Sanjeev Nandedkar will discuss the carrying out and analysis of single fiber EMG. Regarding concentric and single fiber needle recordings emphasis will be on the practical aspects of the methods. Attendants are encouraged to participate in the discussion.

This course is supported by NATUS MEDICAL Inc.

CASE-BASED FACILITATED WORKSHOP 3:
MDS-ES/EAN: WHAT TO DO WITH ATAXIA?
14:45 - 16:15 | HALL B4.M2

CHAIRPERSON:
Alexandra Dürr, PARIS, FRANCE

Sporadic ataxias: MSA-C or what else?
Massimo Pandolfo, BRUSSELS, BELGIUM

Ataxia and white matter lesions
Alessandro Filla, NAPLES, ITALY

Autosomal dominant ataxias
Alexandra Dürr, PARIS, FRANCE

Autosomal recessive ataxias
Bart van de Warrenburg, NIJMEGEN, THE NETHERLANDS

This workshop will focus on cerebellar ataxias and their diagnosis, important for therapeutic actions and genetic counseling issues. We will present the strategies to initiate genetic analysis performed based on transmission, starting with cases of isolated or sporadic cases that could be multiple systemic atrophy of the cerebellar subtype C but also other late onset genetic ataxias. The very important issues on imaging clues for diagnosis, in addition to the nearly always present cerebellar atrophy will be discussed and illustrated by clinical cases and their discussion. The diagnostic approach in dominant and recessive ataxias and genotype-phenotype correlations illustrated by cases in each group will be discussed. The learning objectives are

a) becoming familiar with the growing genetic heterogeneity of cerebellar ataxias and
b) apprehension of strategies to choose genetic analysis to be performed insisting on important issues for treatment and genetic counseling.

TEACHING COURSE 7:
IATROGENIC LESIONS OF THE PERIPHERAL NERVOUS SYSTEM – LEVEL 2
14:45 - 18:15 | HALL A

CHAIRPERSON:
Peter Berlit, ESSEN, GERMANY

Drug-induced neuropathies
Hadi Manji, LONDON, UK

Radiation induced lesions of the peripheral nervous system
Peter Berlit, ESSEN, GERMANY

Perioperative neuropathies
Isabel Conceição, LISABON, PORTUGAL

Neuropathies caused by puncture, injection or tourniquets
Ivana Stetkarova, PRAGUE, CZECH REPUBLIC

Newer recognised drugs causing neuropathy include TNF alpha antagonists, bortezomib and linezolid. Radiation lesions of the peripheral nervous system may occur many years after radiotherapy for neoplastic disease. The main diagnostic difficulty is distinguishing radiation-induced nerve lesions from tumour recurrence. Perioperative neuropathies are mainly due to direct damage during surgery, i.e. sciatic nerve during hip surgery, accessory nerve at the posterior triangle of the neck. Nerve injuries may develop secondary to expanding hematomas and pseudoaneurysms after angiography or puncture. Other causes are brakes, blasts, tourniquets or the dislocation of cement during vertebroplasty. Critical in all iatrogenic lesions of the peripheral nervous system is an early recognition and prompt diagnosis.
TEACHING COURSE 8: MDS-ES/EAN: MOTOR SYMPTOMS REFRACTORY TO L-DOPA IN PARKINSON’S DISEASE – LEVEL 1
14:45 - 18:15 | HALL B

CHAIRPERSON:
Evzen Ruzicka, PRAGUE, CZECH REPUBLIC

Dysarthria and Dysphagia
Evzen Ruzicka, PRAGUE, CZECH REPUBLIC

Postural instability
Bastiaan Bloem, NIJMEGEN, THE NETHERLANDS

Frozen gait
Joaquim Ferreira, LISBON, PORTUGAL

Non-motor symptoms/cognitive and behavioural symptoms
Jaime Kulisevsky, BARCELONA, SPAIN

A variety of motor and non-motor symptoms not related to the nigrostriatal dopaminergic deficit develop in the course of Parkinson’s disease (PD). Those dopa-unresponsive disorders may seriously interfere with life activities of patients in advanced stages of the disease. Postural instability and freezing of gait limit the patients’ ability to walk and increase the risk of falls. Cognitive and behavioral disorders do further decrease the quality of life of both patients and their families. In addition, the patients’ communication ability is limited due to unintelligible speech. Four lectures included in this course will demonstrate the clinical picture, basic pathophysiology and treatment strategies in specific subgroups of dopa-unresponsive PD symptoms. Possible pharmacological and non-pharmacological treatment approaches will be discussed.

TEACHING COURSE 9: OPTIMISING THE MANAGEMENT OF HEADACHE: ACUTE, PREVENTIVE AND NON-PHARMACOLOGICAL ASPECTS – LEVEL 2
14:45 - 18:15 | HALL M1

CHAIRPERSON:
Till Sprenger, WIESBADEN, GERMANY

Advances and challenges in the preventive treatment of headache
Till Sprenger, WIESBADEN, GERMANY

Non-pharmacological treatment approaches 1: Is there evidence in favour of using acupuncture and alternative medicine in headache management?
Lars Bendtsen, COPENHAGEN, DENMARK

Non-pharmacological treatment approaches 2: Emerging neurostimulation techniques for the treatment of headache.
Tim Jürgens, ROSTOCK, GERMANY

Headache is one of the most frequent reasons for neurological consultations and many patients seek improved acute and preventive treatment of their attacks. Both of these fundamental aspects of headache treatment will be covered in this teaching course using an evidence-based approach. We will discuss medical as well as non-medical and neuromodulation approaches with the participants. Migraine will be the focus, but other primary headache syndromes will be covered, too. There is an evolving landscape of novel headache treatment approaches and we will discuss pros and cons of such approaches.

TEACHING COURSE 10: GENERALISED EPILEPSIES: GENETICS, DIAGNOSTICS AND TREATMENT – LEVEL 3
14:45 - 18:15 | HALL M2

CHAIRPERSON:
Reetta Kälviäinen, KUOPIO, FINLAND

Pathophysiology of generalised epilepsies
Gilles van Luijtelaar, NIJMEGEN, THE NETHERLANDS

Absence epilepsies
Marina Nikanorova, DIANALUND, DENMARK

Juvenile myoclonus epilepsy
Matthias Koepp, LONDON, UK

Progressive myoclonus epilepsies
Reetta Kälviäinen, KUOPIO, FINLAND

The purpose of this teaching course is to review the pathophysiology of most common forms of generalized epilepsies. We will also provide an update in the clinical, electroencephalographic, imaging and genetic findings of the specific syndromes as well as an update of the current therapy.
TEACHING COURSE 11:
CURRENT TREATMENTS IN NEUROLOGY I – LEVEL 1
14:45 - 18:15 | HALL M3

CHAIRPERSON:
Eugen Trinka, SALZBURG, AUSTRIA

Therapeutics in Amyotrophic Lateral Sclerosis
Albert Ludolph, ULM, GERMANY

Stroke in women
Hanne Christensen, COPENHAGEN, DENMARK

New therapeutic options for treating MS: benefits, limits and safety
Ludwig Kappos, BASEL SWITZERLAND

Current treatment of status epilepticus in adults
Eugen Trinka, SALZBURG, AUSTRIA

This Teaching Course will focus on complex diseases and special situation of common diseases. Professor Albert Ludolph will talk on the therapeutics in Amyotrophic Lateral Sclerosis, Professor Hanne Krarup Christensen will cover a special issue in cerebrovascular disorders in Women. Professor Ludwig Kappos will present the latest therapeutic options for treating MS with the focus on risks and benefits. Professor Eugen Trinka will cover the current treatment options of Status Epilepticus in adults.

Sexual function and dysfunction – central and peripheral aspects of most important but coarsely neglected topic in medical education
Max J. Hilz, ERLANGEN, GERMANY

Differentiating autonomic dysfunction in movement disorders made easy
Jean-Michel Senard, TOULOUSE, FRANCE

Autonomic nervous system (ANS) disorders are common and increasingly recognized as relevant subspecialty. However, there are currently only very few neurologists specialized in this field and therefore teaching and mentoring is lacking. This teaching introduces autonomic dysfunction in general neurology by presenting common syndromes in everyday clinical practice.

After the teaching course, you will be able to:
• Form a structured autonomic differential diagnosis in the most common autonomic syndromes based on a sound history and bed side tests.
• Address and manage autonomic uro-sexual dysfunction
• Establish a sound autonomic syndrome diagnosis in movement disorders

In addition, this teaching course should act as your door opener to the wide field of autonomic dysfunction in general neurology. Therefore, our lectures will also provide recommendations for additional training resources.

TEACHING COURSE 12:
HOW TO ASSESS AUTONOMIC DYSFUNCTION IN GENERAL NEUROLOGY – LEVEL 1
14:45 - 18:15 | HALL M0

CHAIRPERSON:
Jean-Michel Senard, TOULOUSE, FRANCE

Bedside testing of cardiovascular autonomic function made easy
Walter Struhal, LINZ, AUSTRIA

Neuro-urology – an important territory lost between specialties but readily assessed in neurology
David B. Vodušek, LJUBLJANA, SLOVENIA

This Teaching Course will cover an important territory lost between specialties but readily assessed in neurology. The course will focus on bedside testing of cardiovascular autonomic function, and will provide recommendations for additional training resources.
HANDS-ON COURSE 3: NEUROPHYSIOLOGY II - NERVE CONDUCTION STUDIES AND NERVE/ MUSCLE ULTRASOUND

16:45 - 18:15 | HALL B5.M1

CHAIRPERSON:
Josep Valls-Solé, BARCELONA, SPAIN

Nerve conduction studies
Josep Valls-Solé, BARCELONA, SPAIN

Nerve echography
Luca Padua, ROME, ITALY

In this hands-on session, we will present methods and techniques on how to perform two paraclinical tests that help with the assessment of peripheral neuropathies. In the first part, Josep Valls-Sole will demonstrate motor and sensory nerve conduction studies, together with some cues on the use of them for the diagnosis of functional disorders in neuropathies. In the second part, Luca Padua will demonstrate the use of echography for nerve and muscle ultrasound to show the various structural alterations that may affect peripheral nerves or muscles. Both techniques are nowadays complementary to each other and useful for the neurologist with interest in the assessment of functional or structural disorders involving the peripheral nervous system.

This course is supported by NATUS MEDICAL Inc.

HOW TO IMPROVE YOUR CHANCES...
QUESTION-WRITING WORKSHOP

16:45 - 18:15 | HALL B4.M2

CHAIRPERSONS:
Hannah Cock, LONDON, UK
Jan Kuks, GRONINGEN, THE NETHERLANDS

Hannah Cock and Jan Kuks, members of the EAN Education Committee will guide you through the difficult task on preparing questionnaires and SBAs which are of imminent importance for teachers and educators.
10th Congress of the EUROPEAN PAIN FEDERATION EFIC®
September 6-9, 2017 | Copenhagen, Denmark

PAIN IN EUROPE X
Bringing Pain Relief to All Patients
32nd Congress
of the European Committee
for Treatment and Research
in Multiple Sclerosis

and

21st Annual Conference
of Rehabilitation in MS

14–17 September 2016
London, United Kingdom

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SUNDAY, 29 MAY
14:45 - 16:15

**TOURNAMENT BASIC**
14:45 - 16:15 | HALL B4.M1

**CHAIRPERSONS:**
Hannah Cock, LONDON, UK
Wolfgang Oertel, MARBURG, GERMANY
Philip Scheltens, AMSTERDAM, THE NETHERLANDS

**T 101**
14:45
Cognitive correlates of the brain functional connectome abnormalities in pediatric patients with multiple sclerosis
1 MILAN, 2 GALLARATE, 3 PAVIA, 4 BRESCIA, 5 FLORENCE, 6 SAN GIOVANNI ROTONDO, ITALY

**T 102**
15:00
Zinc release and action at excitatory Schaeffer collateral-CA1 pyramidal cell synapses
A. Ekmen, A. Vergnano, P. Paolelli | PARIS, FRANCE

**T 103**
15:15
Modifications of gray matter volume in migraine patients over four years: a tensor-based morphometry study
R. Messing, M.A. Rocca, B. Colombo, E. Pagani, A. Falini, G. Comi, M. Filippi | MILAN, ITALY

**T 104**
15:30
Role of REM sleep and melanin concentrating hormone in the neuroprotective effect of sleep deprivation pre-ischemia preconditioning
M. Pace, A. Adamantidis, C. Bassetti | BERNE, SWITZERLAND

**T 105**
15:45
Bevacizumab: is the lower the better for glioblastoma patients?
L. Sirven-Villaros, V. Bourg, L. Mondot, F. Burel-Vandenbos, D. Fontaine, M. Frenay, C. Lebrun-Frenay | NICE, FRANCE

**T 106**
16:00
Clinical characterisation of SORL1 mutation carriers in a European early-onset Alzheimer’s disease cohort

**ORAL SESSION: CHILD NEUROLOGY**
14:45-16:15 | HALL M5

**CHAIRPERSONS:**
Lieven Lagae, LEUVEN, BELGIUM
Morton Ingvar Lossius, BAERUM, NORWAY

**O 2101**
14:45
Tuberous sclerosis complex, Serbian referral centre experience
A. Kosac, N. Jovic, D. Karaklic | BELGRADE, SERBIA

**O 2102**
15:00
Repeated dramatic reversal of thiamine-responsive necrotising encephalopathy due to SLC19A3 mutations emphasises the importance of considering vitamin-responsive pathologies in acute neurology
D. Lewis-Smith, A. Basu, R. Hussain, B. Patil, V. Ramesh | 1 NEWCASTLE UPON TYNE, MIDDLESBROUGH, 2 CAMBRIDGE, UK

**O 2103**
15:15
The genetic deficiency of folate cycle, and autistic spectrum: the relationship with immunodeficiency, demyelination and i/v immunoglobulin effectiveness
D. Maltsev | KIEV, UKRAINE

**O 2104**
15:30
Neurologic manifestations of congenital disorders of glycosylation: a clinical follow-up study of 18 patients
C. Melo, A. Bandeira, C. Garrido, M. Gonçalves-Rocha, S. Figueiroa, I. Carriho, M. Santos, D. Quelhas, E. Martins | 1 VILA NOVA DE FAMALICÃO, 2 PORTO, 3 BRAGA, PORTUGAL

**O 2105**
15:45
Differential contribution of cerebellar resting state functional connectivity abnormalities to cognitive impairment in pediatric and adult patients with multiple sclerosis
M.A. Rocca, P. Valsasina, L. Vacchi, L. Moiola, A. Ghezzi, P. Veggio, R. Capra, M.P. Amato, A. Fiorino, L. Pippola, M.C. Perá, G. Comi, A. Falini, M. Filippi | 1 MILAN, 2 GALLARATE, 3 PAVIA, 4 BRESCIA, 5 FLORENCE, ITALY

**O 2106**
16:00

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

102
ORAL SESSION:
COGNITIVE NEUROLOGY/NEUROPSYCHOLOGY 1
14:45-16:15 | HALL B5.M2
CHAIRPERSONS:
Theodor Landis, LAUSANNE, SWITZERLAND
Luder Deecke, VIENNA, AUSTRIA

O 2107 14:45
Insensitivity to reward characterises apathy but not depression in Parkinson’s disease
K. Muhammed1, M. Ben Yehuda1, D. Drew1, S. Manohar1, T. Chong2, D.G. Tofaris1, D.M. Bogdanovic1, D.G. Lennox1, M. Hu1, M. Husan1 1OXFORD, UK, 2SYDNEY, AUSTRALIA

O 2108 15:00
Influence of cognitive impairment and depression on cortical thinning in patients with multiple sclerosis
P. Preziosa1, M.A. Rocca1, P. Valsasina1, E. Pravatá2, G. Riccitelli3, G. Comi4, A. Falini1, M. Filippi1 1MILAN, ITALY

O 2109 15:15
Relevance of functional connectivity abnormalities to cognitive impairment in neuromyelitis optica spectrum disorder
M.A. Rocca1, P. Valsasina, F. Savoldi, G.C. Riccitelli2, M. Radaelli2, P. Preziosa1, G. Comi4, A. Falini1, M. Filippi1 1MILAN, ITALY

O 2110 15:30
The head turning sign in Alzheimer’s disease: its relationship with cognitive impairment and CSF biomarkers
M. Tábuas-Pereira1, J. Durães, R. Araújo, S. Bernardino, D. Duro, B. Santiago, I. Santana 1COIMBRA, PORTUGAL

O 2111 15:45
Predictors and signatures of recovery in neglect in acute stroke
R. Umarova1, C. Kaller1, K. Nitschke1, S. Klöppel1, L. Beume2, I. Mader1, C. Weiller1 1FRIEBURG, 2FRIEBURG, GERMANY

O 2112 16:00
Functional cognitive control load across multiple sclerosis phenotypes: a clinical-imaging evaluation
L. Vacchi1, M.A. Rocca1, A. Meani, M. Rodegher, V. Martinelli1, G. Comi1, A. Falini1, M. Filippi1 1MILAN, ITALY

ORAL SESSION:
MS AND RELATED DISORDERS 3
14:45-16:15 | HALL C
CHAIRPERSONS:
Finn Sellebjerg, COPENHAGEN, DENMARK (TBC)
Giancarlo Comi, MILAN, ITALY

O 2113 14:45
Bipolar disorder, schizophrenia and psychoses in multiple sclerosis: a population-based, nationwide study in Denmark
A. Thormann1, M. Magyari1, N.J. Koch-Henriksen2, B. Laursen3, P.S. Sørensen1 1COPENHAGEN, DENMARK

O 2114 15:00
Long-term effect of fingolimod on disability: a categorical trend analysis over 8 years
A. Reder1, J. Cohen2, D. Piani-Meier3, D. Tomic3, S. Ritter4, B. Cree5 1CHICAGO, 2CLEVELAND, USA, 3BASEL, SWITZERLAND, 4EAST HANOVER, 5SAN FRANCISCO, USA

O 2115 15:15
High doses of biotin in progressive multiple sclerosis: extension phase results of the MS-SPI trial
A. Tourbah1, C. Lebrun-Frenay2, G. Edan3, M. Clanet4, M. Clanet1, M. Amann1, P. Cattin1, A.-C. Papeix5, S. Vukusic6, J. de Seze7, M. Debouverie8, O. Gout5, P. Clavelou9, G.L. Defer10, D. Laplaud11, T. Moreau12, P. Labauge13, B. Brochet14, F. Sedel5, J. Pelletier15 1RHEIMS, 2NICE, 3RENNES, 4TOULOUSE, 5PARIS, 6LYONS, 7STRASBOURG, 8NANCY, 9CLERMONT-FERRAND, 10CAEN, 11NANTES, 12DIJOU, 13MONTPELLIER, 14BORDEAUX, 15MARSEILLES, FRANCE

O 2116 15:30
Spinal cord volume loss in multiple sclerosis patients: a 7-Year longitudinal study
C. Tsagkas1, S. Magoni1, L. Gaetano2, M. Pezold1, Y. Naegelin1, M. Amann1, P. Cattin1, J. Würfel1, O. Bieri1, T. Sprenger2, L. Kappos1, K. Weier1 1DÜSSELDORF, GERMANY

O 2117 15:45
Human polyomavirus JC and BKV antibody response in patients with PML
O. Adams1, M. Andrée, H.-P. Hartung, C. Warnke 1DUSSSELDOFF, GERMANY

O 2118 16:00
Menarche is not associated with MS onset or disease activity in a prospective cohort of CIS women
ORAL SESSION: NEUROREHABILITATION
14:45-16:15 | HALL M4

CHAIRPERSONS:
Tiina Rekand, BERGEN, NORWAY
Dafin Muresanu, CLUJ-NAPOKA, ROMANIA

O 2119 14:45
Mechanisms of motor plasticity after stroke
A. Guggisberg, P. Nicolo, A. Schneider | GENEVA, SWITZERLAND

O 2120 15:00
Risk assessment within 4 days after whiplash injury identifies long-term painful and non-painful neurologic disability: a twelve-year prospective study
M.K. Rasmussen1, T.S. Jensen1, H. Kasch1 | 1AARHUS, 2VYBORG, DENMARK

O 2121 15:15
Vascular encephalopathy impairs behavioural compensation following acute unilateral vestibulopathy
A. Zwerag, F. Schäberl, M. Patzig, R. Forbrig, T. Brandt, M. Dieterich | MUNICH, GERMANY

O 2122 15:30
Transcranial direct current stimulation combined with constraint induced movement therapy facilitates motor function in chronic stroke patients
K. Figlewski2, J.U. Blicher1, J.F. Nielsen2, K. Severinsen1, H. Andersen | 1AARHUS, 2HAMMEL, DENMARK

O 2123 15:45
Effects of action observation therapy on rehabilitation of motor deficits of the dominant right upper limb in patients with MS: an exploratory study with functional MRI

O 2124 16:00
Whole-hand electrical stimulation in stroke patients in the subacute stage
K. Schwenker1, M. Christova2, B. Wutzl1, C. Florea1, H. Bartsch1, A.B. Kunz1, E. Gallasch2, E. Trinka1, F. Gerstenbrand1, S. Golaszewski1 | 1SALZBURG, 2GRAZ, VIENNA, AUSTRIA

ORAL SESSION: AGEING AND DEMENTIA
16:45-18:15 | HALL C

CHAIRPERSONS:
Gunhild Waldemar, COPENHAGEN, DENMARK
Sten Fredrikson, STOCKHOLM, SWEDEN

O 2201 16:45
Roadmap to the biomarker-based diagnosis of Alzheimer’s disease
G. Frisoni1, C. Jack2, B. Winblad3 | 1GENEVA, SWITZERLAND, 2ROCHESTER, MINNESOTA, USA, 3HUDDINGE, SWEDEN

O 2202 17:00
Cognitive and neuroanatomical features of amyloid positivity in primary progressive aphasia (PPA)

O 2203 17:15
In vivo correlates of pathological diagnosis in primary progressive aphasia
E.G. Spinelli1, M.L. Mandelli2, M. Santos3, G. Vinceti3, C. Watson4, F. Agosta1, B.L. Miller2, W.W. Seeley5, M. Filippi1, M.L. Gorno-Tempini2 | 1MILAN, ITALY, 2SAN FRANCISCO, USA, 3MODENA, ITALY

O 2204 17:30
Higher intake of fats and carbohydrates is associated with smaller cortical thickness, whereas higher intake of vitamins is associated with larger cortical thickness
S. Staubo1, J. Aakre2, J. Syrjanen2, M. Mielke2, P. Vemuri2, Y. Geda3, W. Kremers2, M. Machulda2, D. Knopman2, R. Petersen3, C. Jack2, R. Roberts4 | 1HRADEC KRÁLOVÉ, CZECH REPUBLIC, 2ROCHESTER, MINNESOTA, USA, 3SCOTTSDALE, ARIZONA, USA

O 2205 17:45
Skin nerve α-synuclein deposits as new biomarkers for dementia with Lewy bodies
V. Donadio1, A. Incensi1, S. Capellari1, G. Rizzo1, R. Pantieri1, M. Stanzani-Maserati1, G. Devigili2, R. Eleopra2, F. Montini2, A. Baruzzi2, R. Liguori1 | 1BOLOGNA, 2UDINE, ITALY

O 2206 18:00
Retinal examination in Alzheimer’s disease
U.A. Kayabasi1, R.C. Sergott2 | 1ISTANBUL, TURKEY, 2PHILADELPHIA, USA
ORAL SESSION: **HEADACHE AND PAIN**
16:45-18:15 | HALL M4

**CHAIRPERSONS:**
Dimos Mitsikistas, ATHENS, GREECE (TBC)
Rigmor Jensen, GLOSTRUP, DENMARK

**O 2207**
16:45
Neurophysiological evaluation of pain processing in progressive supranuclear palsy

C. Tassorelli, M. Avenali, R. de Icco, M. Berlangieri, E. Berra, R. Zangaglia, C. Pacchetti, G. Sandrini | PAVIA, ITALY

**O 2208**
17:00
Migraine with aura and risk of silent brain infarcts and white matter hyperintensities in women: a population-based MRI-study of Danish twins

D. Gaist1, E. Garde2, M. Blaabjerg1, H. Hvilshed Nielsen1, T. Kragård1, K. Østergaard1, H. Settergren Müller1, J. von Bornemann Hjelmborg1, C. Gøbel Madsen6, P. Iversen2, K. Ohm Kyvik1, H.R. Siebner2 | 1ODENSE, 2COPENHAGEN, DENMARK

**O 2209**
17:15
Variability of clinical features in attacks of migraine with aura

J.M. Hansen1, P.J. Goadsby2, A. Charles3 | 1COPENHAGEN, DENMARK, 2LONDON, UK, 3LOS ANGELES, USA

**O 2210**
17:30
Sensory migraine aura is not associated with structural grey matter abnormalities

A. Hougaard, F.M. Amin, N.B. Arngrim, M. Vlachou, V.A. Larsen, H. Larsson, M. Ashina | COPENHAGEN, DENMARK

**O 2211**
17:45
Randomised, double-blind, phase 2 study and 52-week interim results of an open-label extension to evaluate AMG334 for the prevention of episodic migraine

H. Sun1, D. Dodick2, P.J. Goadsby3, S. Silberstein6, U. Reuter5, M. Ashina6, T. Cady3, F. Zhang1, M.-L. Trotman1, J. Dietrich1, R. Lenz1 | 1THOUSAND OAKS, 2SCOTTSDALE, 3PHILADELPHIA, USA, 4BERLIN, GERMANY, 5COPENHAGEN, DENMARK, 6ANN ARBOR, 7SPRINGFIELD, USA

**O 2212**
18:00
Cost-effectiveness and feasibility of telemedicine for primary headache

K.I. Mueller1, K.B. Alstadhaug6, S.J. Bekkelund1 | 1TROMSØ, 2BOOØ, NORWAY

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ORAL SESSION: **NEUROIMAGING AND NEUROIMMUNOLOGY**
16:45-18:15 | HALL B5.M2

**CHAIRPERSONS:**
Gitte Moos Knudsen, COPENHAGEN, DENMARK
Nils Erik Gilhus, BERGEN, NORWAY

**O 2213**
16:45
Magnetic resonance diffusion tensor imaging for evaluation of diabetic polyneuropathy

M. Vaegsgomse1, M. Pham2, S. Ringgaard3, H. Tankis1, N. Ejskjaer4, P. Poulsen1, H. Andersen1 | 1AARHUS C, DENMARK, 2HEIDELBERG, GERMANY, 3ODENEN, DENMARK

**O 2214**
17:00
The role of functional MRI in the diagnosis and prognosis of patients with severe chronic disorders of consciousness

B. Wutzl1, C. Florea1, M. Seidl1, A.B. Kunz1, K. Schwenker1, R. Nardone1, E. Trinka1, F. Gerstenbrand2, S. Golaszewski2 | 1SALZBREG, 2VIENNA, AUSTRIA

**O 2215**
17:15
Cerebrospinal fluid anti-Caspr2 antibodies determine a subtype of autoimmune encephalitis with prominent limbic symptoms and seizures

B. Joubert1, M. Saint Martin1, N. Noraz2, G. Piccard2, V. Rogemond2, F. Ducray3, V. Desestret4, D. Pismaras5, J.-Y. Delattre5, J.-C. Antoine6 | 1LYON BRON, 2LYONS, 3PARIS CEDEX 20, 4SAIN-ETIENNE, FRANCE

**O 2216**
17:30
Hippocampal subfield volume loss in mild cognitive impairment patients with AD pathology

M. Manzoni1, D. Orlandi1, S. Galluzzi1, E. Rolandi1, F.M. Nobile1, M. Didic2, D. Batrész Fas3, U. Fiedler3, P. Schonknecht6, P. Payoux7, A. Beltramelli1, A. Soricelli1, L. Parnetti8, M. Tsolaki11, P.M. Rossini12, P.J. Visser13, R. Bordet14, J. Jovicich15, O. Blin16 | 1BRESCIA, 2GENOA, ITALY, 3MAREILLE, 4BARCELONA, SPAIN, 5ESSEN, 6LEIPSIC, GERMANY, 7TOULOUSE, FRANCE, 8VERONA, 9NAPLES, 10PERUGIA, ITALY, 11THESSALONIKI, GREECE, 12ROME, ITALY, 13AMSTERDAM, THE NETHERLANDS, 14LILLE, FRANCE, 15TRENTO, ITALY, 16GENEVA, SWITZERLAND

**O 2217**
17:45
Evaluation by brain MRI of white matter perivenular lesions in inflammatory microangiopathic ischemia and in demyelinating multiple sclerosis lesions

L. Massacesi | FLORENC, ITALY

**O 2218**
17:00
Cost-effectiveness and feasibility of telemedicine for primary headache

K.I. Mueller1, K.B. Alstadhaug6, S.J. Bekkelund1 | 1TROMSØ, 2BOOØ, NORWAY
ORAL SESSION: CRITICAL CARE
16:45-18:15 | HALL B4.M1
CHAIRPERSONS:
Erich Schmutzhard, INNSBRUCK, AUSTRIA
Ljiljana Beslac-Bumbasirevic, BELGRADE, SERBIA

O 2219 16:45
Comparison of different practices of therapeutic coma in status epilepticus management

O 2220 17:00
Brain death determination in Germany: updated guidelines and the necessity to have uniform criteria
S. Brandt  BERLIN, GERMANY

O 2221 17:15
Status epilepticus in the intensive care unit: incidence and outcome in Australia and New Zealand from 2000 to 2013
A. Hay1, R. Bellomo1, D. Pilcher1, G. Jackson1, K.-M. Kaukonen2, M. Bailey1 1MELBOURNE, AUSTRALIA, 2HELSENIK, FINLAND

O 2222 17:30
Head computed tomographic measurement as an early predictor of poor outcome after cardiac arrest
M. Moseby Knappe1, T. Pellis2, I. Dragancea1, H. Friberg2, J. Horn2, M.A. Kuiper2, N. Nielsen2, A. Roncarati2, T. Cronberg1 1LUND, SWEDEN, 2PORDENONE, ITALY, 3AMSTERDAM, THE NETHERLANDS, 4LEEUWARDEN, THE NETHERLANDS

O 2223 17:45
Quantitative EEG in phase-2 trial of SAGE-547, lessons learned for international phase 3, randomised, controlled trial for super-refractory status epilepticus (the STATUS trial)
M. Quirk1, E. Rosenthal2, F. Postma1, H. Colquhoun1 1CAMBRIDGE, 2BOSTON, USA

O 2224 18:00
Intravenous epoprostenol for treatment-refractory reversible cerebral vasooconstriction syndrome (RCVS)
A.L. Thydén1, A. Abdul-Alzahra Muhamad2, A. Jacobsen2, D. Kondziella2 1KOIBHAVN V, 2COPENHAGEN, DENMARK

ORAL SESSION: MOVEMENT DISORDERS 2
16:45-18:15 | HALL M5
CHAIRPERSONS:
Elena Moro, GRENOBLE, FRANCE
Bernhard Uitdehaag, MAARSSEN, THE NETHERLANDS (TBC)

O 2225 16:45
Identification of a ponto-cerebello-thalamo-cortical circuit in orthostatic tremor during lying and standing
A. Zwergal, F. Schöberl, K. Feil, G. Xiong, K. Jahn, T. Brandt, M. Strupp, M. Dieterich  MUNICH, GERMANY

O 2226 17:00
Structural and functional brain network alterations in psychogenic dystonia
F. Agosta1, E. Sarasso1, A. Tomic2, S. Bosaia2, M. Svetel2, G. Mandic-Stojmenovic2, M. Copetti2, V.S. Kostic3, F. Filippi1 1MILAN, ITALY, 2BELGRADE, SERBIA, 3SAN GIOVANNI ROTONDO, ITALY

O 2227 17:15
Structural organisation of the brain connectome in patients with psychogenic dystonia
S. Bosaia1, F. Agosta1, A. Tomic2, E. Sarasso1, M. Svetel2, S. Galantucci1, V.S. Kostic2, F. Filippi1 1MILAN, ITALY, 2BELGRADE, SERBIA

O 2228 17:30
Relationship between freezing and pedunculopontine nucleus’ size in Parkinson’s disease: semi-quantitative analysis based on MRI with modified FGATIR sequence

O 2229 17:45
An ongoing phase-2, open-label, study of WTX101 in Wilson disease patients – early observations
A. Czlonkowska1, K.H. Weiss2, A. Ala3, F. Askari2, D. Nicholl2, M. Schilsky3 1WARSAW, POLAND, 2HEIDELBERG, GERMANY, 3GUILDFORD, UK, 4ANN ARBOR, USA, 5BIRMINGHAM, UK, 6NEW HAVEN, USA

O 2230 18:00
Phosphorilated alpha-synuclein cutaneous deposits and cardiac autonomic involvement in α-Synucleinopathies
M.P. Giannoccaro, V. Donadio, A. Incensi, E. Cason, R. Liguori  BOLOGNA, ITALY
POSTER SESSIONS

AGEING AND DEMENTIA 3
12:30-13:15 | SCREEN A2

CHAIRPERSONS:
Sandro Sorbi, FLORENCE, ITALY

P 21001 Incidence of dementia in patients suffering from depression and bipolar disorder
E. Gyizaytdinova, B. Muijonov, G. Rakhimbaeva, Y. Musaeva, F. Shermukhamedova | TASHKENT, UZBEKISTAN

P 21002 The use of benzodiazepines in the REMIND cohort: a cross-sectional study in elderly people with cognitive complaints
G. Grande, I. Tramacere, S. Pomati, C. Mariani, G. Filippini | MILAN, ITALY

P 21003 Assessing genetic risk factors for Alzheimer’s disease in a Hungarian cohort
Z. Grosz, R. Bencsik, V. Reményi, D. Csaban, B. Szatmari, M. J. Molnár | BUDAPEST, HUNGARY

P 21004 Abstract cancelled

P 21005 Clinical features of adult-onset neuronal intranuclear inclusion disease
Y. Harigaya1, Y. Nakano2, H. Hatsuta2, M. Sato1, K. Mizushima1, S. Murayama3 | MAEBASHI, ITABASHI, JAPAN

P 21006 Data-driven differential diagnostics of neurodegenerative diseases
A. Tolonen1, H. Rhodius-Meester3, M. Bruun4, M. Baroni5, J. Kaikkalainen1, F. Barkhof3, B. Tijms3, A. Lemstra6, T. Tongg, R. Guerrero5, A. Schuh6, C. Ledig6, D. Rueckert6, H. Soininen1, A. Remes7, G. Waldemar1, S. Hasselbalch2 | TAMPERE, KUOPIO, FINLAND; AMSTERDAM, THE NETHERLANDS; COPENHAGEN, DENMARK; PERUGIA, ITALY; LONDON, UK

P 21007 Improved fitness after aerobic exercise in patients with mild Alzheimer’s disease
N. Sobol1, S.G. Hasselbalch1, C.H. Dall1, P. Haggh2, K. Hoffmann1, K.S. Frederiksen1, A. Vogel1, V. Siersma1, G. Waldemar1, N. Beyer1 | COPENHAGEN, ROSKILDE, DENMARK

P 21008 EEG study
A. Harvath1, G. Barcs, A. Szucs, A. Kamondi | BUDAPEST, HUNGARY

P 21009 Functional and structural brain alterations in two independent samples of patients with posterior cortical atrophy
F. Imperiale1, F. Agosta1, E. Canu1, G. Mandic-Stojmenovic2, G. Magnani1, T. Stojkovic2, F. Casa2, E. Stefanova2, G. Comi1, V.S. Kostic2, A. Falini1, M. Filippi1 | MILAN, ITALY; BELGRADE, SERBIA

P 21010 Two times assessments on tap test for diagnosis of idiopathic normal pressure hydrocephalus
M. Ishikawa | KYOTO, JAPAN

P 21011 Regional differences in opioid use in elderly patients with dementia: a nationwide study
C.E. - J. Jensen-Dahm1, J.K. Zakarias1, C. Gasse2 | COPENHAGEN, AARHUS, DENMARK

P 21012 Abstract cancelled

P 21013 A robot as a caregiver? Expectations of patients with early dementia stages, caregivers and medical staff
A. Korchut1, S. Szklener1, K. Rejdak1, C. Abdelnour Ruiz2, N. Tantinyà3, J. Hernández4, J. Ribes5 | LUBLIN, POLAND; MADRID, BARCELONA, SPAIN

POSTER SESSIONS

CEREBROVASCULAR DISEASES 6
12:30-13:15 | SCREEN G4

CHAIRPERSON:
Didier Leys, LILLE, FRANCE

P 21014 Masked Mastoiditis’ leading to sagittal sinus thrombosis and 6th nerve palsy in an 8-year-old girl- a case report
M. Hiro, C. Ramesh | WATFORD, UK

P 21015 Syncope and transient ischemic attack due to severe orthostatic hypotension after carotid endarterectomy: a case report
J. Hrel, A. Le Roux, A. Girbovan, F. Pico | VERSAILLES, FRANCE

P 21016 Endovascular treatment of a patient with multiple, symptomatic, unruptured intracranial aneurysms of anterior and posterior cerebral circulation: a case report
T. Hustić, T. Breitenfeld, V. Kalousek, B. Culo, V. Supanc, M. Roje Bedekovic, V. Vargek Solter, V. Basic Kesi | ZAGREB, CROATIA

POSTER SESSIONS

SUNDAY, 29 MAY
12:30 - 13:15
POSTER SESSIONS
CEREBROVASCULAR DISEASES 7
12:30-13:15 | SCREEN G3
CHAIRPERSON:
Caroline Renner, LEIPZIG, GERMANY

P 21028  Eagle syndrome with bilateral internal carotid artery dissection
K. Krbot, C. Gaebel, J.M. Valdueza | BAD SEGBERG, GERMANY

P 21032  More severe cerebral white matter changes are associated with elevated blood pressure in acute ischemic stroke – preliminary results
M. Kwarciany, D. Gasecki, K. Kowalczyz, T. Nowicki, E. Szurowska, K. Narkiewicz, B. Karaszewski | GDANSK, POLAND

P 21033  Prevalence of high on–treatment platelet reactivity to acetylsalicylic acid used in the prevention of stroke in patients with chronic renal failure
B. Lobuz-Roszak, M. Horynieck, B. Lacka-Gazdzik, M. Sniit, B. Mazur, K. Pierzhala | ZABRZE, POLAND

P 21034  Capsular warning syndrome: blood pressure matters
F. Ladeira, S. Calado, M. Viana-Baptista | LISBON, PORTUGAL

P 21035  Buddy wire technique: a simple technique for treatment tortuous cervical ICA during CAS
S.-W. Lee1, S.-G. Baik2, Y. Kim2, G.-S. Song1 | YANGSAN-SI, YANGSAN, KOREA, REPUBLIC OF
P 21036 Urgent stent-assisted angioplasty for severe intracranial atherosclerosis in patients with transient ischemic attack or minor stroke
T. H. Lee, S.M. Sung, S.W. Lee | BUSAN, KOREA, REPUBLIC OF

P 21037 Validation of the French version of the Stroke Specific Quality of Life scale (SS-QOL)
N. Legris, A. Daumas, H. Devilliers, B. Daubail, B. Lucas, M. Giroud, Y. Béjot | DIJON, FRANCE

P 21038 Cerebral venous thrombosis: retrospective analysis of cases from tertiary hospitals in Hong Kong
T.C. Li, Y.F. Cheung, W.C. Fong | HKSAR, CHINA

P 21039 Different strokes in younger folks: defining the causes of stroke in people under 45 years
A. Lockhart, R. O’connor, I. Noone, N. Tubridy, S. O’riordan, C. Mc Guigan | DUBLIN, IRELAND

P 21040 Determinants of adherence to oral anticoagulants in patients with atrial fibrillation and stroke

P 21041 Intracerebral hemorrhage in an adult with Down syndrome and MoyaMoya disease
J.P. Marto, C. Borbinha, S. Calado, M. Viana-Baptista | LISBON, PORTUGAL

P 21042 Auditory evoked potentials in patients with posterior circulation stroke and vertebral artery hypoplasia
B. Zivadinovic, J. Stamenovic, B. Bisevac | NICE, SERBIA

P 21043 Long lasting neuropsychological deficits in patients with Transient Global Amnesia (TGA)

P 21044 Could ambulatory blood pressure monitoring be a routine investigation for patients with mild cognitive impairment?
M. Hamdy | CAIRO, EGYPT

P 21045 Mortality and functional disability of post-stroke delirium
Z. Dostovic, E. Dostovic, D. Smajlovic, O.C. Ibrahimagic, E. Becirovic | TuzuLa, BOSNIA AND HERZEGOVINA

P 21046 Incidental vs. intentional memory in patients with Parkinson’s disease (PD)

P 21047 Scopolamine disrupts place navigation in rats and humans

P 21048 Short Montreal Cognitive Assessment (s-MOCA): diagnostic accuracy study
A.J. Larner | LIVERPOOL, UK

P 21049 Young-onset cognitive decline: not always variant Creutzfeldt-Jakob disease
J. Williamson, A.J. Larner | LIVERPOOL, UK

P 21050 Abstract cancelled

P 21051 Fatigue defined in the context of CNS thermoregulation
R. Mills, C. Young | PRESTON, LIVERPOOL, UK
P 21052 High prevalence of cognitive impairment in Slovenian patients with diabetes mellitus type 2 (DM2) L. Mumelj, M. Rakusa, M. Cokolic, A. Zavratnik, M. Rakusa I MARIBOR, SLOVENIA

P 21053 Relation of hypertension and depression-executive dysfunction syndrom in hypertensive stroke patients L. Mumladze, N. Lobjanidze, N. Akiashvili I TBILISI, GEORGIA


P 21055 Deep phenotyping of Frontotemporal Dementia (FTD) and FTD-MND in Ireland (A clinic-based cohort longitudinal study) T.A. Omer, S. Hutchinson, C. Doherty, O. Hardiman I DUBLIN, IRELAND

POSTER SESSION EPILEPSY 4
12:30-13:15 | SCREEN B2
CHAIRPERSONS:
Leone Ridsdale, LONDON, UK

P 21056 Ictal whistling: a manifestation of frontal discharge J. El Helou, S. Abbas, S. Koussa I BEIRUT, LEBANON

P 21057 West Syndrome in Latvia (2004-2014) L. Liepiņa I RIGA, LATVIA

P 21058 Abstract cancelled

P 21059 Double therapy in partial epilepsy: lamotrigine and levetiracetam Z. Luciano-García, V. Hernando-Requejo, N. Huertas-González I MADRID, SPAIN

P 21060 Abstract cancelled

P 21061 Olfactory auras in patients with temporal lobe epilepsy R. Manso Calderón I SALAMANCA, SPAIN

P 21062 Emotional affective disorders in elderly patients with post-stroke epilepsy A. Druzhinin, V. Mikhailov, M. Kissin I SANKT-PETERSBURG, RUSSIAN FEDERATION

P 21063 Neurophysiological features of the pathogenesis of epilepsy in the elderly V. Mikhailov, A. Druzhinin, A.L. Gorelyk I SANKT-PETERSBURG, RUSSIAN FEDERATION

P 21064 Online epilepsy counseling in Croatia: what do the users want to know? M. Milosevic, L. Friedrich, I. Bielen, S. Tomasović I ZAGREB, CROATIA

P 21065 Nocebo in epilepsy: meta-analysis of placebo-controlled clinical trials P. Zis, F. Shafiq, D. Mitsikostas I SHEFFIELD, UK, ATHENS, GREECE
P 21066  Focal epilepsy with occipital calcifications as a late presentation of a silent coeliac disease: clinical, radiological and electroencephalographic findings of two patients

P 21067  First real-life experience with Perampanel in primary generalized epilepsies
J. Montoya, A. Arciniegas, J. Escriba, B. Hoyó  I XATIVA, SPAIN

P 21068  I am not alone: epilepsy self-management education and support in groups
L. Ridsdale, S. Philpott, A.-M. Krooupa, M. Morgan  I LONDON, UK

P 21069  Recurrent state of confusion during presentation of HaNDL syndrome: report of two cases and review of the literature
T. Bourinaris, T. Kalantzakou, G. Xiromerisiou, K. Katsiardanis, P. Petrou, X. Fitsioris, G. Deretzi  I THESSALONIKI, GREECE

P 21070  Interim analysis from the long-term study of the real-life use of onabotulinumtoxinA for the symptomatic treatment of chronic migraine (REPOSE Study)
F. Ahmed, J. Pascual, H. Geevarghese, S. Brown  I ELLOUGHTON, BUCKINGHAMSHIRE, UK; 2SAN SEBASTIAN, SPAIN

P 21071  A rare case of bilateral cluster headache – initially left sided cluster headache changing to a right sided cluster headache and subsequently to bilateral cluster headache
A. Buture, R. Nimeri, M. Hussain, F. Ahmed  I HULL, UK

P 21072  Pain paroxysms with coronal radiation: proposal of a new variant of epicrania fugax

P 21073  A novel ATP1A2 mutation in a familial hemiplegic migraine with cognitive impairment
C. Chagot, S. Frisman, F. Riant, E. Tournaire-Lasserve, L. Tyvaert  I NANCY, PARIS, FRANCE

P 21074  Abstract cancelled

P 21075  Internal jugular vein thrombosis in a patient with cranial venolymphatic malformation and ocular migraine
A. Ciobotaru, A.C. Mergeani, O. Rusu, F. Antochi, B. Dorobat, C. Coiclitu, A. Dimitriade, O. Bajenaru  I BUCHAREST, ROMANIA

P 21076  Headache as isolate symptom in a case of extensive cerebral veins thrombosis

P 21077  Case report of nummular headache attributed to Langerhans cells histiocytosis. Is there evidence of a peripheral mechanism?
B. Colombi, G. Magnani, S. Guerrieri, V. Martinelli, G. Comi  I MILAN, ITALY

P 21078  Validating the English version of the Comprehensive Headache-related Quality of Life Questionnaire (CHQQ): first results
E. Csepany, K. Haslam, M. Magyar, T. Gyüre, C. Ertsey  I BUDAPEST, HUNGARY

P 21079  Post-dural puncture headache and other complications following intrathecal chemotherapy administration
P. de la Riva, N. Andrés, N. Gonzalez, M. Tainta-Cuezva, M.A. Urtausun, J.F. Marti-Massó  I SAN SEBASTIAN, SPAIN; 2RANKWEIL, GERMANY

P 21080  Migrainous aura phenomenon is not subtended by microstructural changes in visual brain areas: a diffusion tensor tract-based spatial statistic (TBSS) study
A. de Mase, A. Russo, F. Conte, L. Marcuccio, D. Corbo, G. Caiazzo, A. Giordano, R. Conforti, F. Esposito, G. Tedeschi, A. Tessitore  I NAPLES, ITALY

P 21081  “Neural-Focusing”: a hybrid supportive therapy in the treatment of chronic cluster migraine: a case report
G. Dore, M. Donofrio  I ITTIRI, SASSARI, ITALY

P 21082  Headache related behaviours in population groups at high risk in Slovenia
M. Zaletel, L. Zadravec-Zaletel, J. Pretnar-Oblak, L. Zaletel-Kragelj  I LJUBLJANA, SLOVENIA
POSTER SESSIONS

SUNDAY, 29 MAY
12:30 - 13:15

POSTER SESSION
MOTOR NEURONE DISEASES 1
12:30-13:15 | SCREEN C2
CHAIRPERSON:
Vincenzo Donadio, BOLOGNA, ITALY

P 21083  Riboflavin transporter neuronopathy (RTN) is a rare but treatable adult onset motor neuron disease that may mimic ALS: report of two cases
C. Benoit1, T. Lenglet1, C. Acquaviva2, A. Veauville Merlin2, F. Salachas1, M.D.M. Amador1, Y. Nadjar1 1PARIS, 2BRON, FRANCE

P 21084  Cognitive and behavioral disorders in patients with familial and sporadic amyotrophic lateral sclerosis: clinical, genetic and radiological features
E. Bersano, F. de Marchi, I. Viganò, M.F. Sarnelli, L. Corrado, F. Palermo, V. Solara, S. D’alfonso, R. Cantello, L. Mazzini i NOVARA, ITALY

P 21085  Amyotrophic Lateral Sclerosis and oxidative stress: a double-blind trial after dietary curcumin supplement
C. Bisordi, M. Rossi, E. Caldarazzo lenco, M. Fabbrini, F. Agricola, L. Chico, A. Lo Gerfo, G. Siciliano i PISA, ITALY

P 21086  Abstract cancelled

P 21087  Acute onset Hirayama disease with extensive myelopathy on spinal cord MRI in flexed posture, illustrating a mechanical pathophysiology
M. Brems1, B. Willekens2, J. van Goethem3, M. de Praeter3 1MECHELEN, 2EDEGEM, 3ANTWERP, BELGIUM

P 21088  Investigating resilience in caregivers of patients with Amyotrophic Lateral Sclerosis.
T. Burke1, M. Elamin2, M. Galvin1, L. Gallagher1, O. Hardiman1, N. Pender1 1DUBLIN, IRELAND, 2EDINBURGH, UK

P 21089  Do hypermetabolic Amyotrophic Lateral Sclerosis (ALS) patients have different clinical and survivorship patterns as compared to non-hypermetabolic patients?
P. Jesus, B. Marin, P. Fayemendy, M. Nicol, P.-M. Preux, P. Couratier, J.-C. Desport 1LIMOGES, FRANCE

P 21090  Obsessive Compulsive Disorder as the initial presentation of Motor Neuron Disease/Frontotemporal Dementia: a case report.
F. de Marchi, E. Bersano, M.F. Sarnelli, I. Viganò, V. Solara, R. Cantello, L. Mazzini i NOVARA, ITALY

P 21091  Magnetic resonance measures of subcortical and cortical gray matter in amyotrophic lateral sclerosis
F. Distaso, D.M. Mezzapesa, E. D’errico, R. Cortese, A. Scarafino, A. Introna, I. Tempesta, F. Federico, F. Dicuonzo, I.L. Simone i BARI, ITALY

P 21092  Serum Adiponectin alterations in Amyotrophic Lateral Sclerosis and frontotemporal dementia
A. Doretti, P. Boscolosolo, R. Cancelllo, C. Morelli, V. Silani, L. Cova i MILAN, ITALY

P 21093  Permutation entropy helps to distinguish EMG curve in axonal polynueropathy
O. Dostal1, O. Výšata1, P. Kunc1, M. Valis1, A. Procházka2, J. Kuchynka1 1RADEC KRÁLOVE, 2PRAGUE, CZECH REPUBLIC

P 21094  Targeting SOD1 with Morpholino for Amyotrophic Lateral Sclerosis treatment
I. Faravelli, C. Simone, F. Rizzo, G. Ulzi, A. Ramirez, M. Bucchia, A. Bondoni, N. Bresolin, G.P. Comi, S. Corti, M. Nizzardo i MILAN, ITALY

P 21095  TDP-43 is cytoplasmically mislocalised and associated with impaired stress responses and survival of primary neurons from symptomatic amyotrophic lateral sclerosis (ALS) mice

POSTER SESSION
MOVEMENT DISORDERS 4
12:30-13:15 | SCREEN E4
CHAIRPERSON:
Joaquim Ferreira, LISBON, PORTUGAL

P 21096  Abstract cancelled

P 21097  Is head tremor a sub-group of essential tremor?
B. Emmanuelle, T. Witjas, R. Caron, J. Regis, J.-P. Azalay, E. Guedj, M. Vaugayoux i MARSEILLES, FRANCE

P 21098  Phenomenology and therapeutic strategies in a series of patients with chorea-acanthocytosis
C. Estevez-Fraga1, M. Matarazzo1, A. Miguez2, R. Rigual1, P. Garcia-Ruiz1, L. Vela1, M.C. Rodriguez-Oroz2, R. Luquin2, M. Carmona-Abellan2, I. Posadas1, M.M. Kurtis2, J. Garcia de Yebenes1, J.C. Martinez-Castrillo1, J.L. Lopez-Sendon1 1MADRID, 2PAMPLONA, 3SAN SEBASTIÁN, SPAIN
P 21099  Amphetamine-induced dyskinesias

P 21100  Switch of double-blind opicapone, entacapone or placebo to open-label opicapone: efficacy results of the 1-year extension of study BIPARK I
J. Ferreira1, A. Lees2, E. Tolosa3, W. Poewe4, M. Banach5, A. Santos6, N. Lopes7, J.F. Rojo8, P. Soares-Da-Silva29
1 LISBON, 2 CORONADO (S. ROMÃO E S. MAMEDE), PORTUGAL, 3 LONDON, UK, 4 BARCELONA, SPAIN, 5 INNSBRUCK, AUSTRIA, 6 CRACOW, POLAND

P 21101  Parkinsonism due to GPI-DBS for cervical dystonia
D. Flisar, M. Trost, N. Zupancic Kriznar, M. Kramberger Gregoric, B. Meglic, Z. Pirtosek  I LJUBLJANA, SLOVENIA

P 21102  Accelerometric assessment of movements in Parkinson’s disease fluctuators

P 21103  Pathological features of iPSC-derived midbrain dopaminergic neurons of familial Parkinson’s disease
E. Frattini, G. Monzio Compagnoni, S. Salani, N. Bresolin, G.P. Comi, S. Corti, A. Di Fonzo  I MILAN, ITALY

P 21104  Cortical thinning associated with mild cognitive impairment in Parkinson’s disease
S. Galantucci1, F. Agosta1, T. Stojkovic2, I. Petrović3, E. Stefanova4, E. Canu5, M. Copetti5, V.S. Kostic2, M. Filippi4
1 MILAN, 2 SAN GIOVANNI ROTONDO, ITALY, 3 BELGRADE, SERBIA

P 21105  Functional connectome organisation is altered in PD patients with mild cognitive impairment
S. Galantucci1, F. Agosta1, T. Stojkovic2, S. Basaia3, I. Stanković4, E. Stefanova5, V.S. Kostic2, M. Filippi4
1 MILAN, 2 SAN GIOVANNI ROTONDO, ITALY, 3 BELGRADE, SERBIA

P 21106  Features of speech in neurodegenerative diseases revealed by cepstral analysis
I. Goursky, S. Likhachev, T. Charnukha, Y. Rushkevich  I MINSK, BELARUS

P 21107  Volumetric and DTI study of the Corpus Callosum in pure Hereditary Spastic Paraplegia
F.J. Navas-Sánchez1, Y. Alemán-Gómez1, J.A. Guzmán-de-Villoria1, L. Lillo2, I. Catalina2, J.L. Muñoz Blanco1, M. Sabrido2, M. Desco3, F.J. Grandas Pérez2 1 MADRID, 2 SANTIAGO DE COMPOSTELA, SPAIN

P 21108  Turkish version Quality Of Life In Essential Tremor Questionnaire (Quest): Validity And Reliability study
S. Guler, F. N. Turan  I ADRIANOPLE, TURKEY

P 21109  Four-year longitudinal index stability data from the STRATIFY-2 study
D. Campagnolo, P-R. Ho, R. Patel, I. Chang, M. Subramanyam, H. Koendgen, G. Kuesters, N. Campbell  I CAMBRIDGE, USA

P 21110  Modelling Uhthoff’s phenomenon: warmer outdoor temperatures might not be enough for causing a decay in cognitive functionality in Multiple Sclerosis patients
J.M. Caraté-Valdeón  I SEVILLE, SPAIN

P 21111  Characterisation of microvesicles release and gene expression profile in monocytes of patients with relapsing-remitting multiple sclerosis: preliminary results of a longitudinal study
T. Carandini, A. Finardi, L. Garzetti, L. Moiola, G. Comi, V. Martinelli, R. Furlan  I MILAN, ITALY

P 21112  The interplay of communicative and cognitive impairment in multiple sclerosis: look behind the door, not through the keyhole
A. Carotenuto1, G. Orefice1, I. Cerillo1, V. Giannino1, M. Rasulo1, G. Arcara1, V. Bambini1, R. Iodice1 1 NAPLES, 2 PAVI, ITALY

P 21113  Growth Hormone/IGF-I function in CIS patients is not associated MS conversion in Interferon beta-1b therapy.

P 21114  Comparative effectiveness using a matching-adjusted indirect comparison between delayed-release dimethyl fumarate and glatiramer acetate in multiple sclerosis patients
A. Chan1, G. Cutter2, R. Fox3, A. Zhang4, J. Xiao4, J. Lewin4, M. Edwards1, J. Marantz1 1 BOCHUM, GERMANY, 2 BIRMINGHAM, ALABAMA, 3 CLEVELAND, OHIO, 4 CAMBRIDGE, MASSACHUSETTS, USA
P 21115  Adherence to subcutaneous interferon beta-1a in patients participating in the RebiSTAR® patient service program: interim analysis of the non-interventional study RebiSTART
A. Chan1, J. Faiss2, S. Schmidt3, A.-K. Eser4, T. Wagner5, E. Schel6, I.-K. Penner1 1BERNE, SWITZERLAND, 2TEUPITZ, 3BONN, 4DEGGENDORF, 5DARMSTADT, 6DÜSSELDORF, GERMANY

P 21116  Relationship between 25-hydroxyvitamine D levels and Multiple Sclerosis disability
J.R. Chaudhri, S. Alladi, K. Mridula, B. Balaraju, V.S. Bandaru 1HYDERABAD, INDIA

P 21117  Effect of ocrelizumab on clinical disability in two identical Phase III, double-blind, double-dummy, interferon (IFN) β-1a–controlled studies
F. Lublin1, D. Arnold2, A. Bar-or3, G. Comi1, H.-P. Hartung4, S. Hauser5, K. Selmaj6, A. Traboulsee7, P. Chin8, P. Fontoura9, H. Garren9, G. Klingelschmitt8, D. Masterman9, L. Kappos9 1NEW YORK, 2SAN FRANCISCO, 3SOUTH SAN FRANCISCO, USA, 4MONTREAL, CANADA, 5MILAN, ITALY, 6DÜSSELDORF, GERMANY, 7LODZ, POLAND, 8VANCOUVER, CANADA, 9BASEL, SWITZERLAND

P 21118  Hospital admissions due to infections in a cohort of multiple sclerosis patients
A. Costa, A. Silva-Pinto, R. Serrão, A. Sarmento, M.J. Sá, P. Abreu 1PORTO, PORTUGAL

P 21119  Real life experience with Tecfidera treatment in relapsing remitting multiple sclerosis
S. Vijayarangam Shanmugam, D. Cousins, J. Wilton, Y. Leung, A. Edwards, D. Wren, M. Craner 1LONDON, UK

P 21120  Combined use of kappa free light chain index and isoelectrofocusing of cerebrospinal fluid in diagnosing Multiple Sclerosis: performances and costs
I. Crespi, M.G. Sulas, R. Mora, P. Naldi, D. Vecchio, C. Comi, R. Cantello, G. Bellomo 1NOVARA, ITALY

P 21121  Pharmacokinetic and safety study of GNbAC1, a humanised monoclonal antibody for multiple sclerosis
H. Porchet, A. Lang, F. Curtin 1GENEVA, SWITZERLAND

P 21122  Comparison of azathioprine and of beta interferon efficacy on measures of brain damage evaluated by MRI in relapsing-remitting multiple sclerosis.
L. Massacesi1, M. Grammatico1, L. Vuolo1, A. Banlaro1, M.D. Benedetti2, L. La Mantia3, C. Milanese3, A.M. Repice1, A. Solari1, G. Tedeschi1, G. Filippini1 1FLORENCE, 2VERONA, 3NAPLES, ITALY

P 21123  CSF and serum levels of interleukin 8 and its correlation with other CSF markers
Z. Matejcikova, J. Mares, V. Sladkova, T. Sycinova, P. Kanovsky 1OLOMOUC, CZECH REPUBLIC

P 21124  Using a multidimensional unfolding approach to assess patient preferences for disease modifying therapies in multiple sclerosis
V. Vera-Lopez1, A.P. Sempere2, E. Ruiz-Beato3, J. Gimenez-Martinez4, J. Cuervo4, J. Maurino4 1SALAMANCA, 2ALICANTE, 3MADRID, 4OVIEDO, SPAIN

P 21125  Abstract cancelled

P 21126  Persistent herpetic infection and multiple sclerosis activity. Is there an association?
V. Megeryan, Z. Goncharovai 1ROSTOV-ON-DON, RUSSIAN FEDERATION

P 21127  Fingolimod every-other-day in Multiple Sclerosis patients who presented severe adverse events during conventional Fingolimod treatment
A. Merlini1, C. Zecca2, G. Disanto1, L. Panicari1, M. Rodegher1, M. Romeo1, M.J. Messina1, L. Moiola1, C. Stefanini2, A. Ghezzi2, P. Perrone3, F. Patti4, G. Comi1, C. Gobbi3, V. Martinelli2 1MILAN, 2GALLARATE, 3LEGNANO, 4CATANIA, ITALY, 5LUGANO, SWITZERLAND

P 21128  A Phase III, open-label study to evaluate the effect of ocrelizumab on immune responses in patients with relapsing MS
L. Millar, C. Li, H. Bennett, H. Garren 1BASEL, SWITZERLAND
**P 21129** The 10-year economic burden for multiple sclerosis treatment  
M. Moccia, R. Palladino, R. Lanzillo, M. Triassi, V. Brescia Morra 1 NAPLES, ITALY

**P 21130** Predictors of long-term interferon discontinuation in newly diagnosed relapsing multiple sclerosis  
M. Moccia, R. Palladino, A. Carotenuto, C.V. Russo, M. Triassi, R. Lanzillo, V. Brescia Morra 1 NAPLES, ITALY

**P 21131** Full recovery of retinal periphlebitis in a multiple sclerosis patient after Natalizumab  
M. Molina Sanchez, M.B. Gorroño-Echebarria, M.H. Torregrosa Martinez, P. Hernández Navarro, L. Ayuso Peralta 1 MADRID, SPAIN

**P 21132** Safety and tolerability of cladribine tablets added to IFN-beta therapy in patients with active relapsing multiple sclerosis: final results from the ONWARD study (amended protocol)  
X. Montalban1, B. Cohen2, T. Leist3, H. Moses4, C. Hicking5, F. Dangond6 1 BARCELONA, SPAIN, 2 CHICAGO, 3 PHILADELPHIA, 4 NASHVILLE, 5 BILLERICA, USA, 6 DARMSTADT, GERMANY

**P 21133** Infusion-related reactions in the Phase III double-blind, placebo-controlled ORATORIO study of ocrelizumab in primary progressive multiple sclerosis (PPMS)  
X. Montalban1, D. Arnold2, A. Bar-or3, J. de Seze4, G. Giovannoni5, B. Hemmer6, K. Rammohan7, N. Mairon8, P. Chin9, P. Fontoura10, H. Garren11, D. Masterman12, A. Sauter13, J. Wolinsky14 1 BARCELONA, SPAIN, 2 MONTREAL, CANADA, 3 STRASBOURG, FRANCE, 4 LONDON, UK, 5 MUNICH, GERMANY, 6 MIAMI, 7 SOUTH SAN FRANCISCO, 8 HOUSTON, USA, 9 BASEL, SWITZERLAND

**P 21134** Pulmonary eosinophilia associated to Natalizumab treatment  
A. Moreira Villanueva, E. Munteis Oliva, M. Domínguez Álvarez, A. Zabalza de Torres, E. Curto Sánchez, J. Roquer González 1 BARCELONA, SPAIN

**P 21135** Long-term clinical outcome of multiple sclerosis patients with initial spinal cord involvement  
B.I. Tiftikcioglu, I. Ilgezdi, Y. Zorlu, U. Sener, F. Tokucoglu 1 IZMIR, TURKEY

**P 21136** Epidemiology of familial cases of multiple sclerosis in Tomsk region, Russian Federation  
M. Titova, I. Zhekanova, M.A. Nikitina, V.M. Alifirova, E. Terskikh, A. Siomkina, Y. Shevtsova, J. Mironova 1 TOMSK, RUSSIAN FEDERATION

**P 21137** Confirmed progressive multifocal leucoencephalopathy associated to Natalizumab treatment despite negative CSF and clinical findings  
C. Tiu, C. Gavan, L. Tatu, A. Marinescu, O. Bajenaru 1 BUCHAREST, ROMANIA

**P 21138** Repetitive transcranial magnetic stimulation in the treatment of multiple sclerosis  
V. Todorov1, V. Stoyanova1, S. Ivanova1, D. Bogdanova1, G. Radevski2, D. Georgiev3, K. Kmettska1, E. Milushev1, I. Milanov1 1 SOFIA, 2 STARA ZAGORA, BULGARIA

**P 21139** MRI parameters as predictors of long-term disease outcome over 8 years in RRMS patients  
D. Jeffery1, D. Piani Meier2, D. Tomc3, D. Haring1, T. Vollmer4 1 MOORESVILLE, NC, 2 DENVER, CO, USA, 3 BASEL, SWITZERLAND

**P 21140** Fingolimod effects on PASAT scores in RRMS and relation of patient characteristics to PASAT  
D. Langdon1, I.-K. Penner2, P. Calabrese3, G. Cutter4, D. Haring5, F. Dahlke6, D. Tomc7, L. Kappos8 1 LONDON, UK, 2 DUSSELDORF, GERMANY, 3 BASEL, SWITZERLAND, 4 BIRMINGHAM, ALABAMA, USA

**P 21141** Morphological peculiarities of peripheral nervous system in multiple sclerosis  
O. Markovska, A. Chapkan, O. Tovaznyanska, N. Nekrasova 1 KHARKIV, UKRAINE

**P 21142** 4 years PANGAEA: long-term data on effectiveness and safety from patients on natalizumab switching to fingolimod in real world  
T. Ziemssen1, H. Albrecht2, J. Haas3, L. Klotz4, M. Lang5, C. Lassek6, S. Schmidt7, B. Tackenberg8, C. Cornelissen9 1 DRESDEN, 2 MUNICH, 3 BERLIN, 4 MÜNSTER, 5 ULM, 6 KASSEL, 7 BONN, 8 MARBURG, 9 NUREMBERG, GERMANY
P 21143 4 years safety of fingolimod in real world: PANGAEA, a non-interventional study of safety, effectiveness and pharmacoeconomic data for fingolimod patients in daily clinical practice
T. Ziemssen1, H. Albrecht2, J. Haas3, L. Klotz4, M. Lang5, C. Lassek6, S. Schmidt7, B. Tackenberg8, C. Cornelissen9
1DRESDEN, 2MUNICH, 3MÜNSTER, 4ULM, 5KASSEL, 6BONN, 7MARBURG, 8NUREMBERG, GERMANY

P 21144 4 years PANGAEA: A 5-year non-interventional study of safety, effectiveness and pharmacoeconomic data for fingolimod patients in daily clinical practice – effectiveness update
T. Ziemssen1, H. Albrecht2, J. Haas3, L. Klotz4, M. Lang5, C. Lassek6, S. Schmidt7, B. Tackenberg8, C. Cornelissen9
1DRESDEN, 2MUNICH, 3MÜNSTER, 4ULM, 5KASSEL, 6BONN, 7MARBURG, 8NUREMBERG, GERMANY

P 21145 PANGAEA 2.0: State of the art multiple sclerosis patient management in daily clinical practice. A 3-year observational study of patients receiving fingolimod
T. Ziemssen1, R. Kern1, C. Cornelissen2
1DRESDEN, 2NUREMBERG, GERMANY

P 21146 COPAXONE® Active Registry – Documentation of efficacy, tolerability and quality of life in outpatients with relapsing remitting multiple sclerosis (RRMS) treated with glatiramer acetate
U. Faude1, T. Ziemssen2
1BERLIN, 2DRESDEN, GERMANY

P 21147 Multicenter open-label non-interventional study (NIS) assessing the alteration of activity in ambulatory patients with relapsing forms of multiple sclerosis (RRMS) under treatment with Glatiramer acetate
A. Müller-Schubert1, T. Ziemssen2, H. Reichmann3, R. Kern3, D. Fendjl1
1BERLIN, 2DRESDEN, GERMANY

POSTER SESSION MUSCLE AND NEUROMUSCULAR JUNCTION DISEASE 3
12:30-13:15 | SCREEN B4
CHAIRPERSON: Edina Varga, Szeged, Hungary

P 21148 Statin induced autoimmune necrotizing myopathy
T. Kalantzakou, G. Xiromerisiou, A. Tichalas, T. Bourinaris, O. Sinani, J. Rudolf, G. Deretzi
1THESSALONIKI, GREECE

P 21149 Immunological subtypes of myasthenia gravis among Ukrainian populaton (pilot study)
O. Kalbus
1DNIPROPETROVSK, UKRAINE

P 21150 Epidemiology of myasthenia gravis in the Dnipropetrovsk region, Ukraine
O. Kalbus
1DNIPROPETROVSK, UKRAINE

P 21151 Anxiety and depression among myasthenia gravis patients
O. Kalbus
1DNIPROPETROVSK, UKRAINE

P 21152 B-cell activating factor is elevated in serum of patients with myasthenia gravis
S.-Y. Kang
1JEJU, KOREA, REPUBLIC OF

P 21153 Remudy, Japanese national registry for neuromuscular diseases
E. Kimura1, H. Nakamura1, S. Mitsuhashi1, M. Moriyoshimura1, M. Takahashi Pi, F. Takeuchi1, S. Wu1, Y. Zheng1, T. Matsumura1, H. Komaki1, I. Nishino1, M. Kawai1, H. Dawkns1, C. Béroud1, H. Lochmüller2, S. Takeda1
1KODAIRA, 2TOYOKA, 3HASUDA, 4JAPAN, 5BEIJING, 6DONGYING, 7CHINA, 8PERTH, 9AUSRAILSE, FRANCE, 10NEWCASTLE UPON TYNE, UK

P 21154 Long exercise test in Andersen-Tawil syndrome
A. Kostera-Pruszczyk, A. Potulski-Chromik, P. Szczudlik, M. Lipowska
1WARSAW, POLAND

P 21155 Paraneoplastic neuromuscular syndromes and ion channels antibodies
D. Labunskiy
1SANTA ROSA, USA

P 21156 Usefulness of MRI in cases of hyperCKemia
P. Marti1, N. Muelas1, J. Diaz-Manera2, J.J. Vilchez1
1VALENCIA, 2BARCELONA, SPAIN

P 21157 TRPV2 inhibition therapy can be effective for cardiomyopathy of muscular dystrophy
T. Matsumura1, M. Matsui1, Y. Iwata2, M. Asakura2, T. Saito1, H. Fujimura1, S. Sakoda1
1TOYOKA, 2SUITE, JAPAN

P 21158 Acute steroid-induced respiratory myopathy secondary to intravenous methylprednisolone for multiple sclerosis relapse
N. McNicholas, E. McKone, C. Mcguigan
1DUBLIN, IRELAND

P 21159 Sporadic late-onset nemaline myopathy with MGUS: a rare cause of dropped-head
A. Monteig, C. Lopes, L.M.C. Castro, S. Carpenter, H. Costa
1PORTO, PORTUGAL
POSTER SESSION
NEUROEPIDEMIOLOGY 1
12:30-13:15 | SCREEN C3
CHAIRPERSON:
Maura Pugliatti, FERRARA, ITALY

P 21160  The prevalence of dementia in Sidi M’hamed, a district of Algiers city
S. Belarbi, M.I. Kediha, F. Mostefaoui, S. Abroukk, M. Tazir
ALGIERS, ALGERIA

P 21161  Neurological service use around pregnancy
D. Bereczki Jr., A. Ajtay, F. Oberfrank, I. Vastagh
BUDAPEST, HUNGARY

P 21162  Trends in incidence of TIA and ischemic strokes: comparing data from two community-based studies
R. Felgueiros, R. Magalhães, M.C. Silva, M. Correia
PORTO, PORTUGAL

MURCIA, SPAIN

P 21164  Use of neuroimaging in patients presenting with seizure: concordance between guidelines and clinical practice.
MURCIA, SPAIN

P 21165  Anatomical variations circle Willis, aneurisms correlation, and relationship with subarachnoid haemorrhage
E. Harizi1, A. Rroji2
DURRES, TIRANA, ALBANIA

P 21166  Epidemiology of brain and spinal tumours in a sample eight years from a tertiary hospital in Guanajuato, Mexico
M. Maldonado-Vega, F. Farias Serratos, M.Á. Guerrero-Ramos, A. Tabares
LEÓN, MEXICO

P 21167  Descriptive analysis of ambulatory neurological care demand in Salamanca, Spain
R. Manso Calderón
SALAMANCA, SPAIN

POSTER SESSION
NEUROGENETICS 1
12:30-13:15 | SCREEN F4
CHAIRPERSON:
Péter Balicza, BUDAPEST, HUNGARY

P 21168  Peripheral Nervous System involvement in spinocerebellar ataxia type 3 - clinical and neurophysiological evaluation
COIMBRA, PORTUGAL

P 21169  Joubert’s syndrome: clinical and radiological findings in 14 patients
L. Ali Pacha1, S. Assami1, S. Nouioua1, T. Benzahline1, E.M. Valente2, M. Tazir1
ALGIERS, ALGERIA, ROME, ITALY

P 21170  Gene-specific DNA methylation is related to drug treatment in Alzheimer’s disease patients
M. Altuna1, I. Rubio1, A. Labarga1, R. Larumbe Llumandí1, M. Zelaya1, J. Ruiz-Sánchez de Gordoa1, M. Roldán1, C. Echavarri1, M. Mendioroz1
PAMPLONA, ALSAUSIA, SPAIN

P 21171  Infantile neuroaxonal dystrophy in two female Albanian siblings
A. Babameto Laku, Z. Ylli, D. Ylli, M. Rakacoli, J. Kruja
TIRANA, ALBANIA

P 21172  Differential diagnosis of hyperintense corticospinal tract lesions, detected in adult patients with spastic paraplegia
BUDAPEST, HUNGARY

P 21173  LRRK2, MAPT and HTRA2 mutations in the pedigree of familial neurodegenerative parkinsonism with cognitive deterioration spanning five generations in a genetically isolated population of south-eastern Moravia, Czech Republic
T. Bartanikova, R. Vodicka, K. Mensikova, R. Vrtel, M. Godava, P. Kanovsky, P. Otruba, M. Kaisrova, M. Vaštik, L. Mikulicova
OLOMOUC, CZECH REPUBLIC

P 21174  A post-translational modification in histone is a novel marker for nociceptive activation in primary sensory neurons
S. Beattie, J.V. Torres-Perez, I. Nagy
LONDON, UK

P 21175  Next generation sequencing of SORCS3 in multiple sclerosis patients and controls from the isolated Faroe Islands
S. Binzer1, E. Stenager², M. Binzer², J. Hillert³, K. Imrell³
ODENSE, SØNDERBORG, DENMARK, STOCKHOLM, SWEDEN
COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

POSTER SESSION
NEUROIMMUNOLOGY 1
12:30-13:15 | SCREEN H2

CHAIRPERSON:
Pasquale Annunziata, SIENNA, ITALY

P 21176 Hereditary Spastic Paraplegia: clinical and mutational spectrum in the unexplored Greek population
M. Breza1, G. Koutsis1, D. Lynch2, G. Karadima1, A. Polymeris1, R. Pons1, A. Tucci2, F.M. Santorelli3, A. Tessa1, H. Houlden2, M. Panas1 I ATHENS, GREECE, 1LONDON, UK, 2PIZA, ITALY

P 21177 Orthotopic liver transplantation in an MNGIE patients as a successful measure to correct biochemical imbalance
C. Casali I ROME, ITALY

P 21178 Characterisation of a Leber’s hereditary optic neuropathy family with multiple affecteds and two primary LHON mutations m.11778G>A and m.14484T>C
C. Catarino1, U. Ahting1, K. Peters2, C. Wilhelm3, K. Hörttagel4, S. Biskup5, B. Livioni-Freifra von Eyb1, T. Meitingen1, T. Klopstock1 I MUNICH, TÜBingen, GERMANY

P 21179 Cerebellar and motor pathways changes in diffusion tensor imaging and tractography in cerebrotendinous xanthomatosis can be partially reversed by treatment with chenodeoxycholic acid
C. Catarino1, C. Vollmar1, C. Kupper1, C. Gallenmüller1, S. Lechner2, K. Hörttagel1, C. Wilhelmi1, S. Biskup5, T. Klopstock1 I MUNICH, TÜBingen, GERMANY

P 21180 GNE myopathy in Roma patients homozygous for the p.I618T founder mutation
T. Chamova1, M. Gospodinova1, V. Guergueltcheva1, S. Krause3, S. Cirak1, A. Kaprelyan2, L. Angelova2, V. Mihaylova2, S. Bichev1, D. Chandler6, E. Naydenov1, M. Grudkova1, P. Djukmedzhiev3, D. Bogdanova1, K. Kmetska1, T. Voit5, O. Pogoryelova1, H. Lochmuller1, H. Goebel6, M. Bahlo1, L. Kalaydjieva1, I. Tournev1 I SOFIA, VARNA, BULGARIA, 1MUNICH, CLOGNE, 2BERLIN, GERMANY, 3PERTH, 4PARKVILLE, VICTORIA, AUSTRALIA, 5PARIS, FRANCE, 6NEWCASTLE, UK

P 21181 A case of late-onset Pompe disease diagnosed by Whole Exome Sequencing despite inconclusive initial muscle biopsy and biochemical studies
D. Katzanen1, H. Latsoudis1, E. Vogiatzi1, A. Plaitakis2, I. Zaganas1 I HERAKLION, CRETE, GREECE

P 21182 Refractory status epilepticus caused by anti-NMDAR encephalitis: a case report
T. Al-Harbi, S. Abdulmanaana1 I DAMMAM, SAUDI ARABIA

P 21183 Circulating anti-CD64 antibodies and clinical outcome in multiple sclerosis patients
P. Annunziata, G. Masi, C. Cioni I SIENNA, ITALY

P 21184 Diagnostic and clinical significance of antigen-specific anti-Helicobacter pylori antibodies in patients with multiple sclerosis

P 21185 Autoimmune storm
S. Aslan, C.E. Bekircan-Kurt, A.T. Kurne, S. Erdem-Özdamar I ANKARA, TURKEY

P 21186 Association between neuromyelitis optica spectrum disorders and Behçet’s disease in 2 Moroccan patients
A. Bennis, Z. Attar, F. Dany, M.A. Rafai, B. El Moutawakil, H. El Otmani, I. Slassi I CASABLANCA, MOROCCO

P 21187 The role of serotonin in regulating interactions of the immune and nervous system in multiple sclerosis
A. Boyko, M. Melnikov, M. Pashenkov I MOSCOW, RUSSIAN FEDERATION

P 21188 Paraplegia following lumbar puncture: a rare complication of spinal dural arteriovenous fistula
A. Çakar, H. I. Akçay, T. Gunduz, M. Kürtüncü I ISTANBUL, TURKEY

P 21189 Adhesion molecule dynamics after Natalizumab withdrawal in T – lymphocytes subpopulations
A. Cobo1, A. Figueras2, L. Bau3, E. Matas4, M.A. Mañ6, L. Romero Pine1, S. Martínez Yelamos2 I LYONS, FRANCE, 1BARCELONA, 2TARRAGONA, SPAIN

P 21190 A rare case of longitudinally extensive transverse myelitis - never disregard tuberculosis
C. Colecu, A.C. Mergeani, O. Rusu, A. Ciobotaru, T. Parvu, O. Bojenaru, F. Antochi I BUCHAREST, ROMANIA
**P 21191** Spastic paraparesis as the initial manifestation of Sjögren’s syndrome
F. Correia1, C. Cunha1, L.M. Afonso2, R. Alves1 | PORTO, PORTO, MATOSINHOS, PORTUGAL

**P 21192** Maternal CASPR2 antibodies in neurodevelopmental disorders: findings in human cohorts and in a rodent maternal transfer model.
E.P. Coutinho1, L. Jacobson1, D. Menassa1, J. Domingos1, T. Moloney1, M. Benros2, M. Pederson3, B. Lang1, P.J. Harrison1, P.B. Mortensen3, D. Bannerman1, B. Nørgaard-Pedersen1 | OXFORD, UK, COPENHAGEN, AARHUS, DENMARK

**P 21193** Microvesicles as a possible biomarker for microglia activation in - vivo during phases of disease activity in Multiple Sclerosis.
T. Croese, G. Dalla Costa, M. Pisa, V. Martinelli, G. Comi, R. Furlan | MILAN, ITALY

**P 21194** Hepatocellular carcinoma and anti-N-methyl-D-aspartate receptor encephalitis
C. Cunha, M. Baptista, F. Correia, S. França | PORTO, PORTUGAL

**P 21195** Peripheral regulatory T / Th17 cells contributes to Moya Moya disease
Y. Xu, X. Cao, L. Weng, D. Guan | NANJING, CHINA

**P 21196** Causes of sporadic cerebellar ataxia with sensory neuronopathy
P. Zis, P. Sarigiannis, D.G. Rao, M. Hadjivassiliou | SHEFFIELD, UK

**P 21197** Functional rearrangement of language areas in an adult patient with a left frontal lobe Glioblastoma

**P 21198** Abstract cancelled

**P 21199** Abstract cancelled

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**P 21200** Ma2-associated paraneoplastic limbic encephalitis in a patient with adenocarcinoma of the lung
A. Grisold1, R. Höftberger1, B. Giometto2, E. Auff1, T. Sycha1 | VIENNA, AUSTRIA, PADUA, ITALY

**P 21201** Tanycytic ependymoma of the brain stem - presentation of a rare cystic disease variant and review of literature
F. Ippen, R. Pfannl, R. Rojas, A. Mahadevan, E. Kasper | BOSTON, USA

**P 21202** Peripheral facial paralysis generated by meningeal carcinomatosis – a rare presentation of Ewing Sarcoma
A. Lazaroae, C. Roman Filip | SIBIU, ROMANIA

**P 21203** Tongue myokymia as an unusual symptom of a meningioma of the craniospinal junction
D. Leupold, O.C. Kim, C. Brugnolano, T. Hundsberger | ST. GALLEN, SWITZERLAND

**P 21204** Primary central nervous system lymphoma: a chameleon case
M. Lopes1, C. Santos1, V. Mesquita1, L. Regadas2, J. Coutinho3 | SANTA MARIA DA FEIRA, PORTO, PORTUGAL

**P 21205** Influence of neutrophil-lymphocyte ratio in prognosis of glioblastoma multiforme
M. Lopes1, B. Carvalho1, P. Linhares2, R. Vaz1 | SANTA MARIA DA FEIRA, PORTO, PORTUGAL

**P 21206** Incomplete cavernous sinus syndrome as unusual presentation of metastatic prostate adenocarcinoma
M. Machio Castello, M. Oses, A. Jaimes, D.A. Escobar Montatixe, B. Pfang, A. Martinez Pueyo, R. Saez Pinel, J. Villacampa Aubá, M.A. Garcia-Torres, I. Zambride Capdepón | MADRID, SPAIN

**P 21207** Incidence of brain tumours in the Maltese Islands: a population based study
M. Mallia1, R. Galea2, M.-A. Mifsud1, M. Gruppetta1, M.-A. Zammit1 | BIRKIRKARA, MSIDA, MALTA

**P 21208** Trousseau’s quest - Ischemic stroke and solid cancer: a retrospective 10 year case-control study
C. Marques-Matos, A. Costa, G. Moreira, E. Azevedo, M. Carvalho | PORTO, PORTUGAL

**P 21209** Atypical neurologic presentation of diffuse large B-cell lymphoma
J.P. Marto, F. Ladeira, C. Borbinha, T. Lampreia, M. Viana-Baptista | LISBON, PORTUGAL
POSTER SESSION
NEURO-OPHTHALMOLOGY/NEURO-OTOLOGY 1
12:30-13:15 | SCREEN H1
CHAIRPERSON:
Katharina Feil, MUNICH, GERMANY

P 21210 Features of contrast sensitivity in Parkinson’s disease and its changes during motor fluctuations
O. Alenicova, S. Likhachev, I. Goursky | MINSK, BELARUS

P 21211 Optic neuropathy in pernicious anaemia
I. Alves, M.J. Silva, C. Fraga | PENAFIEL, PORTUGAL

P 21212 Abstract cancelled

P 21213 Interhemispheric asymmetry and its role in higher-order vestibular function
Q. Arshad, A. Bronstein | LONDON, UK

P 21214 Association of multiple sclerosis and sudden deafness
S. Atula, S. Sinkkonen, R. Saat, T. Sairanen, T. Atula | HELSINKI, FINLAND

P 21215 Acute bilateral mydriasis associated with anti-GQ1b antibodies
A. Barros, S. Dias, S. Vaz, R. Relvas | LISBON, PORTUGAL

P 21216 Brainstem decompression and unilateral cerebellar tonsil resection in patients with Chiari malformation: prospective examination of clinical outcome and cerebellar, vestibular, and oculomotor function
N. Böttcher, K. Feil, M.L. Strupp, A. Peraud | MUNICH, GERMANY

P 21217 Vestibular function in patients with Niemann-Pick type C disease
T. Bremova, S. Krafczyk, S. Bardins, E. Mengel, J. Reinke, M. Strupp | MUNICH, MAINZ, GERMANY

P 21218 Oculomotor findings and their correlation with clinical abnormalities in Gaucher disease type 3
T. Bremova, R. Schifffmann, M. Patterson, N. Belmatoug, S. Bardins, V. Malinova, E. Mengel, J. Reinke, M. Strupp | MUNICH, MAINZ, GERMANY, DALLAS, ROCHESTER, USA, CLICHY, FRANCE, PRAGUE, CZECH REPUBLIC

P 21219 Acetazolamide in vestibular migraine prophylaxis: a retrospective study
N. Celebisoy, F. Gokcay, C. Bilgen, T. Kirazli, H. Karapolat, T. Kose | IZMIR, TURKEY

P 21220 Eye movements at an early stage of essential tremor
N. Celebisoy, M. Celebisoy, A. Suen Kenici, E. Akyuz, A. Acarer | IZMIR, TURKEY

POSTER SESSION
NEUROREHABILITATION 2
12:30-13:15 | SCREEN G2
CHAIRPERSON:
Michaela Bisciglia, BRUSSELS, BELGIUM

P 21221 What’s behind cerebellar dizziness?
K. Feil, A. Schindler, S. Krafczyk, A. Zwergal, F. Schöberl, M. Strupp | MUNICH, GERMANY

P 21222 Functional evaluation of stroke patients undergoing early physiotherapy in the Neurointensive care unit

P 21223 Activities of daily living with FampyraLR
J. Jonas | LJUBLJANA, SLOVENIA

P 21224 Study on clinical therapeutic effect of acupuncture on post-stroke depression
Y. Kim, C.F. Teo | SKUDAI, JOHOR, MALAYSIA

P 21225 Comparing the efficacy of different types of repetitive navigated transcranial magnetic stimulation in treatment of pharmacoresistant spasticity in patients with multiple sclerosis: 20Hz rTMS, iTBS or placebo
I. Korzhova, A. Poydasheva, A. Chervyakov, M. Zakharova | MOSCOW, RUSSIAN FEDERATION

P 21226 Abstract cancelled

P 21227 New possible marker of severity of vascular remodeling of the patients in early recovery period after cerebral ischemic hemispheric stroke
S. Medvedkova, O.A. Kozyolkin | ZAPORIZHYA, UKRAINE

P 21228 Action observation training modifies brain grey matter structure in healthy adult individuals
S. Fumagalli, M.A. Rocca, G. Crici, G. Comi, A. Falini, M. Filippi | MILAN, ITALY

P 21229 NeuroMuscular Electrical Stimulation (NMES) in stroke to improve activity: a systematic review
M.G.H. Kristensen, H. Busk, T. Wienecke | MILAN, ITALY
**SUNDAY, 29 MAY**

**12:30 – 13:15**

**POSTER SESSIONS**

**NEUROTOXICOLOGY/OCCUPATIONAL NEUROLOGY**

**12:30 – 13:15 | SCREEN G1**

**CHAIRPERSON:**

Maurizio Leone, SAN GIOVANNI ROTONDO, ITALY

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**P 21230**

Early web-based tele-rehabilitation in stroke patients: a randomized controlled pilot study

M.B. Poulsen1, J. Badawey1, M. Ahnøj1, E. Rostrup2, K. Elleman1, B.W. Larsson3, H. Larsson2, T. Weineke3, H.K. Iversen3, J.B. Nielsen3, C. Kruse1

1ROSKILDE, 2GLOSTROUP, DENMARK

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**P 21231**

FMRI-navigated rTMS original protocol for disorders of consciousness treatment


1MOSCOW, RUSSIAN FEDERATION

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**P 21232**

Cursive eye-writing with eye on line device (EOL) is feasible in subjects with ALS: a pilot study

T. Lenglet1, M. Veyrat-Masson, M. Mirault, A. Guignebert, M.D.M. Amador, G. Bruneteau, N. Leforestier, P.-F. Pradat, F. Salachas, L. Lacomblez, J. Lorenceau, 1PARIS, FRANCE

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**P 21233**

Life quality scores of the patients in early recovery period after cerebral ischemic hemispheric stroke

S. Medvedkova, O.A. Kozyalik1

1ZAPORIZHYA, UKRAINE

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**P 21234**

The Yin and Yang of pharmacological therapy in brain protection and recovery

D. Muresanu1, A. Guekht2

1CLUJ, ROMANIA, 2MOSCOW, RUSSIAN FEDERATION

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**P 21235**

Silver intoxication induced polyneuropathy: a case report

M. Yuce1, Z. Ozkan, H. Akgun, B. Kurt, U.H. Ulas, S. Demirkaya

1ANKARA, TURKEY

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**P 21236**

The struggle in establishing the diagnosis of delayed postanoxic encephalopathy

R.S. Badea, I.C. Cernat, A. Craciunoiu1

1BUCHAREST, ROMANIA

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**P 21237**

Reversible encephalopathy induced by high dose Trimethoprim-Sulfamethoxazole

H. Ben Abdeljelil1

1PORRENTRUY, SWITZERLAND

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**P 21238**

A case of cerebral manganism

A. Topkan1, B. Bilen, E. Ergür, Y.S. Karadag, N. Öztekin, F. Ak

1ANKARA, TURKEY

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**P 21239**

Atrophy of the corpus callosum and bilateral reversible putamen lesions: an atypical case of Marchiafava-Bignami disease

J. Castelo, C. Santos

1SANTA MARIA DA FEIRA, PORTUGAL

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**P 21240**

Metronidazole encephalopathy

N. Segura, V. Delgado, E. Sánchez

1LA LÍNEA DE LA CONCEPCIÓN, SPAIN

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**P 21241**

Hyperammonemic encephalopathy induced by sodium valproate

L. Ortega, N. Segura, V. Delgado

1LA LÍNEA DE LA CONCEPCIÓN, SPAIN

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**P 21242**

Low back pain disorders as an occupational disease – development methodology


11PARDUBICE, 2OLOMOUC, 3PRAGUE, CZECH REPUBLIC

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**P 21243**

Marchiafava-Bignami disease mimicking left middle cerebral artery stroke

D. Fitas, A. Stocker, R. Lobato

1VIANA DO CASTELO, PORTUGAL

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**P 21244**

A case of severe toxic encephalopathy secondary to methanol poisoning

P. Hernandez Navarro, M. Molina Sanchez, M.H. Torregrosa Martinez, M.Á. García Soldevilla

1MADRID, SPAIN

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**P 21245**

Delayed leukoencephalopathy after acute carbon monoxide intoxication

P.L. Martínez Ulloa, A. Escobar Villalba, P. Pérez Torre, E. Monreal Laguillo, C. Estévez Fraga, C. Anciones, J. Buisán Catevilla, Í. Corral Corral

1MADRID, SPAIN

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**P 21246**

Copper deficiency, a not so uncommon cause of posterior cord syndrome

A. Poujois1, C. Dussaule2, S. Janny3, J. Poupon1, P. Chaine1, F. Woimant1, N. Djebrani-Oussedik1

1PARIS, 2LE KREMLIN-BICÊTRE, 3CLICHY, FRANCE

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**P 21247**

Chorea as a result of chronic carbon monoxide intoxication: a case report

C. Thomsen, A.S. Bisgård, M. Lindelof

1HERLEV, DENMARK
POSTER SESSION
PERIPHERAL NERVE DISORDERS 3
12:30-13:15 | SCREEN D2
CHAIRPERSON:
Frouke Nijhuis, NIJMEGEN, THE NETHERLANDS

P 21248  Pyridoxine (Vitamin B6) toxicity related neuropathy: a case series
J.-P. Nicole, A. Malhotra, A.R. Carne, D.S. Ayyappan
GEELONG, AUSTRALIA

P 21249  Treatments options in HINT1 neuropathy
J. Nikodinović Glumac, V. Milić Rasic, V. Brankovic,
J. Mladenovic, S. Todorovic
BELGRADE, SERBIA

P 21250  A patient homozygous for MFN2 mutation c.2119C>T developed both severe CMT2A and lipomatosis
K. Ørstavik1, M. Rasmussen2, B. Karime1, H. Vindenes1,
T. Fagerheim2, M. van Ghelue1, C. Jonsrud1, O. Røsby1
OSLO UNIVERSITY HOSPITAL, TROMSØ, NORWAY

P 21251  Hereditary sensory neuropathy and cough – description of two Portuguese families
J. Parra, A. Brás, P. Carvalho, J. Ribeiro, L. Almendra,
A.P. Geraldo, L.J.M.P. Negrão, A.P. Geraldo
COIMBRA, PORTUGAL

P 21252  Familial amyloid polyneuropathy with Ser97Tyr transthyretin mutation: two new cases
M.I. Pedraza1, A.L. Guerrero1, N. Fernández1, J.J. Tellería1,
M. Ruiz Piñero1, L. Golán2
1VALLADOLID, 2MADRID, SPAIN

P 21253  Guillain–Barré syndrome in elderly
S. Z. Peric1, B. Berisavac1, O. Stojičkovic1, S. Rajčić1, M. Babić3,
L. Beslaj–Bumbasirević1, L. Lavrnic1
BELGRADE, NOVISAD, SERBIA

P 21254  The livedoid vasculopathy, a rare cause at multiplex polyneuropathy in men
V. R. Petrović1, I. Duračković1, A. M. Enachi1, V. Lungu1,
M. Amarandei1 BUCHAREST, ROMANIA

P 21255  Can neurological examination predict pathophysiology of peripheral neuropathy?
G. Omejec, T. Zgur, Š. Podnar
LJUBLJANA, SLOVENIA

P 21256  Pathophysiology of peripheral nerve damage in familial amyloidotic polyneuropathy (FAP)
S. Podnar1, S. Sarafov2, I. Tournev3, G. Omejec1, J. Zidar3
1LJUBLJANA, SLOVENIA, 2SOFIA, BULGARIA

P 21257  Prevalence and risk factors for carpal tunnel syndrome in meat processing industry
M. Ricco1, S. Cattani1, C. Signorelli2
1TRENT, 2PARMA, ITALY

P 21258  Observational study on neurological complications of acute virus E infection (NeuroCAVE)
P. Ripellino1, C. Staedter1, G. Mellì1, G. Martinetti2, E. Pasi2,
M. Tiberti1, A. Kaelin1, C. Gobbi1
LUGANO, BELLINZONA, SWITZERLAND

P 21259  Acute and chronic Nav1.8 blocker treatment to improve motor function in mice deficient of myelin protein PO: proof-of-concept study
M. Romer Rosberg, S. Alvarez, C. Krarup, M. Moldovan
COPENHAGEN, DENMARK

P 21260  Wernicke encephalopathy revealed by peripheral polyneuropathy
N. Yenqui, I. Ben Abdelaziz, E. Farhat, A. Rachdi, M. Zouari,
F. Hentati
TUNIS, TUNISIA

POSTER SESSION
SLEEP DISORDERS 2
12:30-13:15 | SCREEN E1
CHAIRPERSON:
Ulf Kallweit, BERN, SWITZERLAND

P 21261  Quantified motor activity in REM sleep compared in REM sleep behaviour disorder, parkinson’s disease, multiple system atrophy and narcolepsy with and without hypocretin deficiency
R. Frandsen1, P.J. Jennum2
GLOSTRUP, GLOSTRUP - COPENHAGEN, DENMARK

P 21262  Vitamin D deficiency in narcolepsy with cataplexy
H. Hidalgo1, X. Messmer1, C. Bassetti2, U. Kallweit2
KATZENELNBÖGEN, GERMANY, BERN, SWITZERLAND

P 21263  Effects of theta burst stimulation over dorsolateral prefrontal cortex on vigilance and executive functions after sleep deprivation
T. Ilic, Z. Sundric, N. Komatina
BELGRADE, SERBIA

P 21264  Pitolisant as alternative therapeutic option for narcolepsy: results from the German compassionate use program 2015/16
H. Hidalgo Pareja1, G. Mayer2, P. Young3, P. Geisler4,
U. Kallweit5
1BONN, 2SCHWALMSTADT, 3MÜNSTER, 4REGENSBURG,
5BERNE, SWITZERLAND

P 21265  Restless legs syndrome risk gene BTBD9 knockdown alters expression of ferritin and dopamine receptor genes in zebrafish
M.-K. Kim
GWANGJU, KOREA, REPUBLIC OF
POSTER SESSIONS
SUNDAY, 29 MAY
12:30 - 13:15

P 21266 Periodic limb movements during sleep are more severe in narcolepsy with cataplexy than in narcolepsy without cataplexy
J. Krpesova, K. Sonka, M.V. Ibarburu, M.P. Kovalska, M.D. Kemlink, M.I. Prihodova | PRAGUE, CZECH REPUBLIC

P 21267 Restless leg syndrome in patients with epilepsy under levetiracetam monotherapy
G. Kutlu, F. Genç, Y. Unal, D. Aslan Öztürk, A. Erdal, Y. Gömceli | MUGLA, ANTALYA, TURKEY

P 21268 The use of melatonin for the treatment of REM sleep behavior disorder in Parkinson's disease
E. Lyashenko, O. Levin, M. Poluektov | MOSCOW, RUSSIAN FEDERATION

P 21269 Abstract cancelled

P 21270 Abstract cancelled

P 21271 Obstructive sleep apnoea and sensomotor polyneuropathy
M. Mihalj, Z. Đogaš, L. Lušić, M. Titlić | SPLIT, CROATIA

P 21272 Restless legs syndrome/Willis-Ekbom disease in patients with Parkinson's disease
M. Minar, R. Tosecka, P. Valkovic | BRATISLAVA, SLOVAKIA

P 21273 Abstract cancelled

P 21274 The effect of sleep and wakefulness disorders on cognitive function in patients with Parkinson's disease (PwPD)
M.A. Nikitin, I.A. Zhukova, V.M. Alifirova, N.G. Zhukova, N.G. Brazovskaya, O.P. Izhboldina, J.S. Mironova, M.A. Titova, A.V. Latypova, S.E. Sukhanov | TOMSK, RUSSIAN FEDERATION

POSTER SESSION
AGEING AND DEMENTIA 4
13:30-14:15 | SCREEN A2
CHAIRPERSON:
Jonathan Schott, LONDON, UK

P 22001 Predeterminative role of early choroid plexus ageing on presenil neuronal atrophy in an animal model: a preliminary histopathological study
N. Aydin, D. Kotan, M.D. Aydin, G. Ozdemir, P. Keles, A. Kanat, C. Yolac, C. Gundogdu | ISTANBUL, SAKARYA, ERZURUM, RIZE, TURKEY

P 22002 Lille apathy rating scale and MDS-UPDRS for screening apathy in Parkinson's disease
N. Kovacs, R. Weintraut, A. Makkos, M. Kovács, J. Janszky, K. Karádi | PéCS, HUNGARY

P 22003 Associations between hypoperfusion in cerebral cortical segments and cognitive impairment in dementia with Lewy Bodies
Y. Kujura, K. Ohta, T. Toguchi, Y. Shinohara | TOKYO, JAPAN

P 22004 Abstract cancelled

P 22005 Abstract cancelled

P 22006 Frequency and risk factors for aberrant motor behaviour in Alzheimer’s disease and vascular dementia
R. Manso Calderón, P. Cacabelos Pérez, M.D. Sevilla García, M.E. Herrera Prieto, R. González-Sarmiento | SALAMANCA, SANTIAGO DE COMPOSTELA, LEÓN, SPAIN

P 22007 Involvement of kv3.1 in 7-ketocholesterol-, 24(S)-hydroxycholesterol- and tetracosanoic acid-induced lipotoxicity on murine oligodendrocytes 158N: impact on cytosolic potassium level
B. Maryem, Z. Amira, M. Sonia, N. Thomas, B. Rym, E.A. Mohamed, L. Gerard | TUNIS, MONASTIR, TUNISIA, DIJON, FRANCE

P 22008 Quantitative EEG in Alzheimer's disease, MCI before and after standardized tests on fatigue
A. Medvedeva | MOSCOW, RUSSIAN FEDERATION

P 22009 Influence of APOE status on subjective spatial navigation complaints and real space performance
I. Mokrisova, J. Laczó, M. Pařízková, M. Vyhnálek, K. Sheardova, V. Kaplan, V. Matoska, R. Andel, J. Hort | PRAGUE, CZECH REPUBLIC, TAMPA, FLORIDA, USA

P 22010 Severe spatial navigation impairment in Lewy body dementia and its structural underpinnings
Z. Nedelska, J. Laczó, M. Uller, M. Vyhnálek, K. Vlcek, J. Hort | PRAGUE, CZECH REPUBLIC
POSTER SESSIONS

CEREBROVASCULAR DISEASES 8
13:30-14:15 | SCREEN G4

Chairperson:
Volker Dietz, ZURICH, SWITZERLAND

P 22011 Psychotropic polypharmacy in patients with dementia
A. Nørgaard¹, C. Jensen-Dahm¹, C. Gasse², G. Waldemar¹
¹COPENHAGEN, ²AARHUS, DENMARK

P 22012 Driving performance in the frontotemporal dementia spectrum
I. Beratis¹, C. Koros², D. Kontxopoulo³, S. Fragkiadaki¹,
N. Andronas¹, D. Pavlou¹, M. Stamelou¹, A. Bonakis¹,
L. Stefanis¹, G. Yannis¹, S.G. Papageorgiou² ¹ATHENS,
²PIRAEUS, GREECE

P 22013 Abstract cancelled

POSTER SESSION
CEREBROVASCULAR DISEASES 9
13:30-14:15 | SCREEN G3

Chairperson:
Uta Meyding-Lamadé, FRANKFURT AM MAIN, GERMANY

P 22021 Prognostic role of absolute lymphocyte count in acute spontaneous cerebellar hemorrhage
A. Son, K. Kondratiu ¹ODESSA, UKRAINE

P 22022 Admission absolute neutrophil count in acute spontaneous cerebellar hemorrhage: prognostic implications
A. Son, K. Kondratiu ¹ODESSA, UKRAINE

P 22023 Prognostic value of total white blood cell count in acute spontaneous cerebellar hemorrhage: early-term outcome
A. Son, K. Kondratiu ¹ODESSA, UKRAINE

P 22024 Diagnostic challenge of a dural arteriovenous fistula – case presentation
Á. Kornfeld, G. Györfi, M. Bokor ¹BUDAPEST, HUNGARY

P 22025 Efficiency of the «Stroke risk assessment» to identify individuals at high risk of stroke
S. Kotov, E. Sandu, E. Isakova, A. Kotov ¹MOSCOW, RUSSIAN FEDERATION

P 22026 Subacute blood pressure index is independently associated with wake-up stroke
K. Kowalczyk, D. Gasecki, M. Kwarciany, B. Karaszewski ¹GDANSK, POLAND

P 22027 Abstract cancelled
POSTER SESSIONS

SUNDAY, 29 MAY
13:30 - 14:15
SCREEN B2

P 22031 Common carotid artery dissection in a young patient with hyperhomocysteinemia and hyperuricemia
A.C. Mergeani, A. Dimitriade, B. Dorobat, O. Rusu, A. Ciobotaru, C. Cocoliu, T. Parvu, O.A. Bajenaru, F. Antochi
BUCHAREST, ROMANIA

P 22032 The Brunei Epidemiological Study in Stroke and Multiple Sclerosis (BEST) - a Door-to-door survey
U. Meyding-Lamade1, E.M. Craemer, B. Bassa1, M. Luissin2, J. Hengelbrock2, A. Lupat3, H. Becher2
1HAMBURG, GERMANY, 2NEGARA, BRUNEI DARUSSALAM

P 22033 To teach to treat - to treat to teach - setting up the Brunei Neuroscience Stroke and Rehabilitation Centre 12,000km away by the help of telemedicine
U. Meyding-Lamade1, E.M. Craemer1, B. Bassa1, C. Jacobi, C. Chan2, A. Masrin, N. Yassin2, A. Aziz1, I. Jafaar2, Z. Hanafi2, B. Kress1
1FRANKFURT AM MAIN, GERMANY, 2JERUDONG, BRUNEI DARUSSALAM

P 22034 Correlation of risk factors and hemodynamic changes using Transcranial-Doppler and Echocardiography in patients with high grade symptomatic internal carotid stenosis
M. Militaru, A.G. Militaru, D. Lighezan, S. Iurciuc, M. Simu
TIMISOARA, ROMANIA

P 22035 Combinations of cardiovascular risk factors in elderly patients with silent brain infarctions in Ukraine
T.S. Mishchenko, I.M. Nikishkova, V.M. Mishchenko, O. Kutikov
KHARKIV, UKRAINE

P 22036 Abstract cancelled

P 22037 Repetitive intracerebral lobar hematomas in a patient with hidden adrenal pheochromocytoma
E. Monreal, P. Pérez Torre, A. Escobar-Villalba, P. Martínez-Ulloa, R. Vera, J. Masjuan, A. Cruz
MADRID, SPAIN

P 22038 Symptomatic cerebral capillary telangiectasias: report of three cases and literature review
A. Monteiro1, C. Lopes1, D. Fitas2, H. Costa1, M. Pinto1
1PORTO, PORTUGAL

P 22039 Myelin repair - correlates with CARASIL-associated neurological deficits
B. Muinjonov, E. Giyazitdinova
TASHKENT, UZBEKISTAN

P 22040 First application of intravenous thrombolytic therapy in Republic of Kosovo
B. Myftiu
PRISHTINA, KOSOVO

P 22041 Orolingual angioedema during thrombolysis for cerebral ischemia
F. Myslimi1, D. Leys2
1TIRANA, ALBANIA, 2LILLE, FRANCE

P 22042 Protein S deficiency and ischemic stroke in young patients
I. Zekja1, I. Alimehmeti2, D. Dobi1, A. Kuqo1, S. Xhashi1, M. Rakacoli2, J. Kruja1
TIRANA, ALBANIA, MAASSTRICHT, THE NETHERLANDS

POSTER SESSION
EPILEPSY 5
13:30-14:15 | SCREEN B2

CHAIRPERSON:
Geir Braathen, SKIEN, NORWAY

P 22043 Status epilepticus in intensive care unit: frequency, management and outcome impact: a retrospective study
C. Munteanu, S. Grappa
CHISINAU, MOLDOVA

P 22044 EEGraphic status epilepticus might not be associated with poor neurological prognosis in cooled cardiac arrest survivors
J. Nørregaard1, M. Engsig2, M. Lindelof1
1HERLEV, 2COPENHAGEN, DENMARK

P 22045 Resting fMRI connectivity between hippocampal sub-region and extra-temporal area in patients of mesial temporal lobe epilepsy
H.-M. Park, J. Yang, Y.-D. Son, S.-I. Hwang
INCHEON, KOREA, REPUBLIC OF

P 22046 Epilepsy in multiple sclerosis
V. R. Petre, I. Buraga, C. Baetu, A. M. Enachi, V. Lungu, M. Amarandei
BUCHAREST, ROMANIA

P 22047 Effect of UGT1A4 and UGT2B7 polymorphism on lamotrigine metabolism during pregnancy
V. Petrenaite1, I. Öhman2, L. Ekström2, L. Bertilsson2, D. Saebye1, T. Tomson2, A. Sabers1
1COPENHAGEN, DENMARK, 2STOCKHOLM, SWEDEN

P 22048 CT perfusion (CTP) findings in stroke-mimics of epileptic origin
S. Quintas, R. López Ruiz, M. de Toledo, M.T. Carreras, A. Gago- Veiga, J. Vivancos
MADRID, SPAIN

P 22049 Seven years of Status Epilepticus in a central hospital
I. Rosario Marques, F. Antunes, C. Fernandes, M.D. Grunho
ALMADA, PORTUGAL
POSTER SESSIONS

POSTER SESSIONS

HEADACHE AND PAIN 4
13:30-14:15 | SCREEN C1
CHAIRPERSONS:
Kathrin Doppler, WÜRZBURG, GERMANY

P 22050  Mesial temporal sclerosis in children
I. Rosário Marques, M.D. Grunho, J.P. Monteiro, M.J. Fonseca | ALMADA, PORTUGAL

P 22051  Disparity in onset of Lafora disease within the same family and detection at early stages of the disease

P 22052  Compared to total sleep deprivation with epileptic patients, the partial sleep deprivation is more efficient diagnostic method
D. Sahovic, A. Alajbegovic, J. Djelilovic-Vranic, A. Kucora | SARAJEVO, BOSNIA AND HERZEGOVINA

P 22053  Tonic-clonic seizures triggering recurrent Tako-tsubo stress cardiomiopathy: a case report and literature review
L. Saraceno, M. Toffetti, G. Bosco, G. Meola | MILAN, ITALY

P 22054  Quantitative MRI assessment of the differences in lateralization of language-related brain activation in patients with temporal lobe epilepsy
A. Umarov, A.V. Prokhorova, G. Rahimbaeva, N. Tuychibaeva | TASHKENT, UZBEKISTAN

P 22055  Seizure semiology in patients with bilateral temporal lobe epilepsy in Uzbekistan
A. Umarov, A.V. Prokhorova, N. Tuychibaeva | TASHKENT, UZBEKISTAN

P 22056  Reduction of aquaporin-4 in the cerebrospinal fluid of patients with idiopathic intracranial hypertension
K. Doppler1, M. Schütt2, C. Sommer2 | WÜRZBURG, LÜBECK, GERMANY

P 22057  Efficacy of biofeedback treatment for migraine and tension type headaches
L. Friedrich1, I. Zobic1, M. Milosevic1, J. Koscak1, M. Parado Pardo1, T. Sogo Lopez1, A. Garcia Pellitero2, L. Bouzas Lago2, J.A. Bravo-Rico2, P. Alonso Alonso2 | ZAGREB, LUGO, SPAIN

P 22058  OnabotulinumtoxinA is an effective therapy for nummular headache: experience in a series of 17 cases

P 22059  Searching for symptomatic hypnic headache: ambulatory blood pressure monitoring in a series of 25 patients

P 22060  Tension-type headache over-diagnosis in the emergency department setting

P 22061  Episodic migraine and calcitonin gene-related peptide. Effect of treatment with topiramate or zonisamide on peptide plasma levels
D.A. García-Estévez1, S. Silvarrey-Rodriguez1, M. Pardo Pardo1, T. Sogo Lopez1, A. Garcia Pellitero2, L. Bouzas Lago2, J.A. Bravo-Rico2, P. Alonso Alonso2 | OURENSE, LUGO, SPAIN

P 22062  New daily persistent headache (NDPH) with thunderclap headache (TH) onset (NDPH-TH): possible causal role of reversible cerebral vasocostrictive syndrome (RCVS)
I. Garza, S. Berini, A. Bubolz, C. Robertson | ROCHESTER, USA

P 22063  Multidisciplinary integrated headache treatment program: results and identification of factors that influence treatment response
V. Golovacheva, V. Parfenov, G. Tabeeva, V. Osipova, D. Pushkarev, A. Andruschenko | MOSCOW, RUSSIAN FEDERATION

P 22064  Biofeedback training method for patients with lower back pain
I. Goursky, S. Likhachev, V. Vashchylin | MINSK, BELARUS

P 22065  An investigation of the relationship between the eNOS gene polymorphism and diagnosed migraine
S. Güler, H. Gurkan, H. Tazkir, F.N. Turan, Y. Çelik | ADRIANOPLE, TURKEY

P 22066  Pituitary adenylate cyclase-activating polypeptide-38 induced migraine attacks in patients with and without familial aggregation of migraine

P 22067  Biochemical changes after pituitary adenylate cyclase-activating polypeptide-38 infusion in migraine patients
P 22068 Premonitory and non-headache symptoms induced by CGRP- and PACAP38 in migraine patients
S. Guo, A.L.H. Vollesen, J. Olesen, M. Ashina | COPENHAGEN, DENMARK

P 22069 Quantitative sensory testing in classical trigeminal neuralgia – a blinded study in patients with and without concomitant persistent pain
S. Younis | GLOSTRUP, DENMARK

POSTER SESSION
MOTOR NEURONE DISEASES 2
13:30-14:15 | SCREEN C2
CHAIRPERSONS:
David Oliver, ROCHESTER, UK

P 22070 Unusual case of progressive hemiparesis
A. Félix, A. André, H. Nzwalo | FARO, PORTUGAL

P 22071 Man in the barrel with drop neck: an unexpected presentation of motor neuron disease
A. Félix, A. André, H. Nzwalo | FARO, PORTUGAL

P 22072 Theory of mind in early clinical stages of amyotrophic lateral sclerosis

P 22073 Proposal for a routine-designed standardised EMG setting in early diagnosis of Amyotrophic Lateral Sclerosis (ALS)
M. Ferrara, M.M. Zarrilli, M.F.P. Apollo, M. Leone | SAN GIOVANNI ROTONDO (FG), ITALY

P 22074 Structural brain MRI abnormalities in Kennedy’s disease
P.M. Ferraro, F. Agosta, G. Querin, N. Riva, C. Bertolin, E. Da Re, M. Copetti, G. Comi, A. Falini, G. Soraru | MILAN, ITALY

P 22075 An ASAH1 variant causing an adult spinal muscular atrophy phenotype without myoclonic epilepsy: a clinical, genetic and biochemical study

P 22076 Onset manifestations of spinal and bulbar muscular atrophy (Kennedy disease)
J. Finsterer, G. Soraru | VIENNA, AUSTRIA, PADUA, ITALY

P 22077 An anterior epidural cyst mimicking Hirayama disease
D. Fitas, M.D.C. Branco, F. Silveira, P. Soares Pinto, R. Lobato | VIANA DO CASTELO, VILA REAL, PORTO, PORTUGAL

P 22078 The patient journey to a national ALS clinic: delayed diagnosis and economic cost
M. Galvin, P. Ryan, M. Heverin, C. Madden, S. Maguire, A. Vajda, O. Hardiman | DUBLIN, IRELAND

P 22079 Brain sodium MRI depicts upper motor neuron involvement in amyotrophic lateral sclerosis (ALS)

P 22080 Evoked potentials in patients with amyotrophic lateral sclerosis
V. Hleb, Y. Rushkevechch, G. Zabrodzets, S.A. Likhachev | MINSK, BELARUS

P 22081 An autopsy case of familial ALS-dementia with R487H VCP gene mutation
K. Inoue, H. Fujimura, K. Tayaoka, K. Hirano, S. Maekura, Y. Nakamura, S. Sakoda | TOYOKA, SAKAI, JAPAN

P 22082 CSF level of chromogranin A in amyotrophic lateral sclerosis

POSTER SESSION
MOVEMENT DISORDERS 5
13:30-14:15 | SCREEN E4
CHAIRPERSON:
Lisa Klingelhöfer, DRESDEN, GERMANY

P 22083 Restless Legs Syndrome (RLS) and insomnia frequency in patients with psoriasis
S. Güler, A. Tekatas, A. Ozer, Ö. Sari Kaplan, Y. Doğru | ADRIANOPLE, TURKEY

P 22084 Myoclonus dystonia: a novel epsilon-sarcoglycan gene mutation with variable clinical presentation in a large Turkish pedigree
M. Gültekin, C. Ganos, N.E. Mencacci, M. Mirza | KAYSERI, LONDON, UK

P 22085 Motor disorder in Huntington’s disease may begin like tic disorder: atypical clinical presentation in a large Turkish pedigree
M. Gültekin, F.F. Erdoğan, F. Yetkin, R. Baydemir, M. Mirza | KAYSERI, TURKEY
POSTER SESSIONS
MS AND RELATED DISORDERS 9
13:30-14:15 | SCREEN F1
CHAIRPERSONS:
Nicola De Stefano, SIENNA, ITALY

P 22096  Myeloid microvesicles and risk of multiple sclerosis in patients with clinically isolated syndromes.

P 22099  Treatment-naïve patients with active relapsing-remitting multiple sclerosis at baseline demonstrate continued disability improvement over 5 years with alemtuzumab: CARE-MSI extension study
R. Arroyo Gonzalez1, D. Dive2, E. Havrdova3, S. Hunter4, D. H. Margolin5, K. Thangavelu5, Ó. Fernández6 | 1MADRID, SPAIN, 2LIEGE, BELGIUM, 3PRAGUE, CZECH REPUBLIC, 4FRANKLIN, USA, 5CAMBRIDGE, USA, 6MALAGA, SPAIN

P 22102  Visuospatial skills are more severely impaired in secondary than primary progressive multiple sclerosis

P 22090  Abstract cancelled

P 22091  Abstract cancelled

P 22092  Validation of the Portuguese version of the 39-item Parkinson’s disease questionnaire
J. Jesus Ribeiro, E. Vieira, P. Ferreira, C. Januário, A. Freire-Gonçalves | COIMBRA, PORTUGAL

P 22093  Autonomic dysfunctions and sleep disturbances identify Parkinson’s disease patients at risk for developing dementia
A. Jurcau, A. Simion | ORADEA, ROMANIA

P 22095  First comparison of continuous movement data (Hauser-diary versus Parkinson’s KinetiGraph) in patients with Parkinson’s disease
L. Klingelhöfer1, A. Rizos2, M. Horne1, A. Sauerbier2, S. McGregor3, R. de Micco2, D. Trivedi2, L. Perkins2, H. Reichmann1, K. R. Chaudhuri2 | 1DRESDEN, GERMANY, 2LONDON, UK, 3MELBOURNE, AUSTRALIA

P 22086  Conversion of advanced Parkinson’s disease patients to IPX066, modified-release levodopa-carbidopa (NUMIENT™), from other levodopa-carbidopa formulations
S. Gupta, R. Rubens, N. Rustay, S. Khanna, S. Kell | HAYWARD, USA

P 22087  Efficacy of IPX066, modified-release levodopa-carbidopa (NUMIENT™) in patients with advanced Parkinson’s disease: responder analyses
S. Gupta, S. Khanna, R. Rubens, S. Kell | HAYWARD, USA

P 22088  Cognitive performance fluctuations in Parkinson’s disease: a case report
O. Györfi, E. Rigó, M. Bokor | BUDAPEST, HUNGARY

P 22089  The study of the therapeutic effect of transcranial magnetic stimulation in patients with hand’s dystonia
V. Hleb, S. A. Likhachev, G. Zabrodzets, T. Charnukha | MINSK, BELARUS

P 22097  A multi-centre audit to describe the burden of bladder dysfunction in multiple sclerosis
A. Davis, B. Turner, M. Ramadhan, C. Albor, K. Schmierer, G. Giovannoni | LONDON, UK

P 22098  Effect of cladribine tablets on brain atrophy rates in patients with relapsing-remitting multiple sclerosis (RRMS): exploratory analysis of the CLARITY study
N. de Stefano1, A. Giorgio1, M. Battaglini1, G. Giovannoni1, C. Hicking2, F. Dangond2, M. P. Sarmani3 | SIENNA, GENOA, ITALY, LONDON, UK, DARMASTADT, GERMANY, BILLERICA, USA

P 22100  Pregnancy-related estrogen receptor-alpha expression in lymphocyte subsets of women with multiple sclerosis
G. Di Liberto, G. Salemi, P. Ragonese, M. Lo Pizzo, S. Realmuto, D. Di Liberto, F. Dieli | PALERMO, ITALY

P 22094  Clusterin CSF levels in differential diagnosis of neurodegenerative disorders
P. Kanovsky1, H. Prikrylova Vranova1, M. Kaiserova1, D. Stejskal1, K. Mensikova1, J. Mares1, E. Henykova1, M. Straňáková1 | OLOMOUČ, PROSTEJOV, CZECH REPUBLIC

P 22088  Abstract cancelled

P 22090  Validation of the 39-item Parkinson’s disease questionnaire
J. Jesus Ribeiro, E. Vieira, P. Ferreira, C. Januário, A. Freire-Gonçalves | COIMBRA, PORTUGAL

P 22091  Abstract cancelled

P 22092  Autonomic dysfunctions and sleep disturbances identify Parkinson’s disease patients at risk for developing dementia
A. Jurcau, A. Simion | ORADEA, ROMANIA

P 22093  The study of the therapeutic effect of transcranial magnetic stimulation in patients with hand’s dystonia
V. Hleb, S. A. Likhachev, G. Zabrodzets, T. Charnukha | MINSK, BELARUS

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P. Kanovsky1, H. Prikrylova Vranova1, M. Kaiserova1, D. Stejskal1, K. Mensikova1, J. Mares1, E. Henykova1, M. Straňáková1 | OLOMOUČ, PROSTEJOV, CZECH REPUBLIC

P 22086  Conversion of advanced Parkinson’s disease patients to IPX066, modified-release levodopa-carbidopa (NUMIENT™), from other levodopa-carbidopa formulations
S. Gupta, R. Rubens, N. Rustay, S. Khanna, S. Kell | HAYWARD, USA

P 22087  Efficacy of IPX066, modified-release levodopa-carbidopa (NUMIENT™) in patients with advanced Parkinson’s disease: responder analyses
S. Gupta, S. Khanna, R. Rubens, S. Kell | HAYWARD, USA

P 22088  Cognitive performance fluctuations in Parkinson’s disease: a case report
O. Györfi, E. Rigó, M. Bokor | BUDAPEST, HUNGARY

P 22089  The study of the therapeutic effect of transcranial magnetic stimulation in patients with hand’s dystonia
V. Hleb, S. A. Likhachev, G. Zabrodzets, T. Charnukha | MINSK, BELARUS
POSTER SESSIONS

SUNDAY, 29 MAY

13:30 - 14:15 | SCREEN F2

CHAIRPERSONS:
Celia Oreja-Guevara, MADRID, SPAIN

POSTER SESSION MS AND RELATED DISORDERS 10
13:30 - 14:15 | SCREEN F2

P 22103  Descriptive study and prognosis analysis of longitudinally extensive transverse myelitis
E.D. Diaz Pertuz I PAMPLONA, SPAIN

P 22104  Epilepsy and multiple sclerosis
J. Djelilovic-Vranic, M. Tirc-Campara, A. Alajbegovic, E. Djozic I SARAJEVO, BOSNIA AND HERZEGOVINA

P 22105  Familial multiple sclerosis: clinical features and course
O. Ekmekci, A.N. Yuceyar I IZMIR - BORNOVA, TURKEY

P 22106  Familial mediterranean fever and multiple sclerosis
O. Ekmekci, A.N. Yuceyar I IZMIR - BORNOVA, TURKEY

P 22107  Clinical efficacy of fingolimod and identification of predictors of relapses in an Italian cohort of multiple sclerosis patients

P 22108  Investigation of the role of sphingosine pathway genes on response to fingolimod in a cohort of relapsing remitting multiple sclerosis patients

P 22111  Familial multiple sclerosis: characterisitics in algerian cohort
L. Nessah, S. Daoudi ITIZI-OUZOU, ALGERIA

P 22112  Low-dose Rituximab therapy for neuromyelitis optica spectrum disorders
A. Nova, I. Correa, I. Marques, S. Batista, L. Sousa COIMBRA, PORTUGAL

P 22113  Decreased soluble IFNß receptor (sIFNAR2) in multiple sclerosis patients: a potential serum diagnostic biomarker
B. Oliver-Martos1, M.J. Pinto-Medel1, J. Pavia1, I. Hurtado1, J.L. Rodriguez-Bada1, P. Urbanje1, M. Suardiaz1, L.M. Villar1, M. Comabella2, X. Montalban3, J.C. Alvarez-Cermeño2, L. Leyva1, O. Fernandez1 I MÁLAGA, MÁLAGA, BARCELONA, SPAIN

P 22114  Multiple sclerosis relapse-related costs of oral disease-modifying therapies in denmark: an economic analysis comparing delayed-release dimethyl fumarate, fingolimod, and teriflunomide
P. O’malley1, A. Lee1, K. O’day2, M. Friedman2 I ZUG, SWITZERLAND, PALM HARBOR, USA

P 22115  Efficacy, tolerability and safety of teriflunomide in multiple sclerosis in a real-world clinical setting

P 22116  Switching from first and second line therapy to novel oral MS treatments

P 22117  Atypical presentation of chronic lymphocytic inflammation with pontine perivascular enhancement responsive to steroids (CLIPPERS): a case report with spinal cord involvement
M. Padroni, C. Calanca, V. Rispoli, V. Tugnoli, E. Baldi, E. Fainardi, E. Granieri, M. Pugliatti, L. Caniatti I FERRARA, ITALY

P 22118  Prevalence of depression and fatigue in the 11-year follow-up from the BENEFIT study
I.-K. Penner1, F. Foley4, G. Edan7, M. Freedman8, X. Montalban9, H.-P. Hartung1, E.J. Fox8, B. Hemmer2, F. Barkhof10, S. Schippling1, R. Koebelbach1, D. Pleimes1, G. Suarez1, E.-M. Wicklein1, L. Kappos12 I DÜSSELDORF, MUNICH, BERLÍN, GERMANY, NEW YORK, WHIPPANY, ROUND ROCK, USA, RENNES, FRANCE, OTTAWA, CANADA, BARCELONA, SPAIN, AMSTERDAM, THE NETHERLANDS, ZURICH, BASEL, SWITZERLAND
POSTER SESSIONS

COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

SUNDAY, 29 MAY
13:30 - 14:15

P 22119  Incorporating the TEMSO SIENA analysis improves correlation of brain atrophy and disability progression
M. Pia Sormani1, E.-W. Radue2, T. Sprenger2, L. Gaetano2, N. Mueller-Lenne2, J. Wuerfel2, K. Thangavelu2, S. Cavalier1, L. Kappos2  I 1GENOA, ITALY, 2BASEL, SWITZERLAND, 3WIESBADEN, GERMANY, 4CAMBRIDGE, USA

P 22120  Functional and structural MRI predictors of disability worsening in multiple sclerosis: a 4-year follow-up study
F. Pirro1, M.A. Rocca1, P. Valsasina1, E. Pagani1, A. Meani1, M. Copetti1, F.G. Martinelli Boneschi1, M. Rodegher1, G. Comi1, A. Falini1, M. Filippi1  I 1MILAN, ITALY

P 22121  Multimodal evoked potentials predict NEDA evolution in patients starting first-line treatment for multiple sclerosis
M. Pisa, M. Bianco, S. Guerrieri, G. Di Maggio, M. Romeo, L. Moiola, V. Martinelli, G. Comi, L. Leocani  I MILAN, ITALY

POSTER SESSION
MUSCLE AND NEUROMUSCULAR JUNCTION DISEASE 4
13:30-14:15 | SCREEN B4

CHAIRPERSON:
Markus Weber, LONDON, UK

P 22122  Myasthenia gravis induced by ipilimumab in a patient with advanced melanoma
V. Montes, S. Sousa, R. Guerreiro, C. Carmona, F. Pita  I CASCAIS, PORTUGAL

P 22123  Pseudometabolic phenotype in patients with ANOS mutations
O. Musumeci1, M. Savarese2, G. Di Fruscio2, C. Rodolico2, E. Barca1, V. Nigro2, A. Toscano1  I MESSINA, 2NAPLES, ITALY

P 22124  Late-onset Pompe disease in Iran: a clinical and genetic report
F. Nazari, S. Nafissi, Y. Nilipour, F. Sinaie  I TEHRAN, IRAN, ISLAMIC REPUBLIC OF

P 22125  Myofascial trigger points creation in mice
N. Ortiz1, R. Margalef1, M. Sisquella1, M. Bosque1, C. Romeu1, O. Mayoral2, S. Monterde1, M. Priego1, J. Tomas1, M.M. Santafe1  I REUS, TOLEDO, SPAIN

P 22126  Neutral lipid storage with myopathy: role of micro RNA and muscle imaging
V. Pegoraro, C. Angelini, E. Pinzan, E. Tasca  I VENICE, ITALY

P 22127  Abstract cancelled

P 22128  Clusters of cognitive impairment among different forms of myotonic dystrophies

P 22129  Progressive Merosin deficiency associated with Lama2 new mutation in a patient deviating from the classical clinical and morphological phenotypes

P 22130  Evolution of inflammatory and degenerative pathological profiles in inclusion body myositis
M. Pinto1, R. Taipa2, M. Pires2  I 1LISBON, 2PORTO, PORTUGAL

P 22131  Necrotizing myopathies: a single-centre experience
V. Ponzalino, S. Bortolani, L. Vercelli, S. Boschi, E. Vittonatto, L. Chiado Piat, N. Ragusa, L. Pinessi, T. Mongini  I TURIN, ITALY

P 22132  Anti-3-hydroxy-3-methylglutaryl-coenzyme A reductase-associated autoimmune myopathy: case series and magnetic resonance imaging findings

P 22133  Anti-musk antibody negative myasthenic crisis patients managed with Rituximab: report of two cases
P. Ranganathan  I CHENNAI, INDIA

P 22134  Myasthenia gravis associated with scleroderma: the first case in Greece and systematic review of the literature
P. Zis, P. Kokotis, P. Sfikakis  I ATHENS, GREECE

POSTER SESSION
NEUROEPIDEMIOLOGY 2
13:30-14:15 | SCREEN C3

CHAIRPERSON:
Alexander Tsiskaridze, TBILISI, GEORGIA

P 22135  Association between ambient temperature and stroke hospitalisations in Minsk, Belarus
O. Mukalova, A. Mukalau, A. Pyko  I MINSK, BELARUS

P 22136  First epidemiologic study of Wilson’s disease in France
P 22137  Prevalence of ischemic stroke phenotypes according to ASCOD classification in a Romanian cohort of patients  
E. Terecoasa, R. Radu, N. Grecu, S. Gheorghevici, C. Tiu | BUCHAREST, ROMANIA

P 22138  Pregnancies before or after multiple sclerosis onset modify disease course, relapse rate and severity in women affected by multiple sclerosis: a cohort study  
P. Ragonese, S. Realmuto, G. Vazzoler, P. Aridon, E. Portera, A. Bianchi, G. Savettieri, G. Salemi | PALERMO, ITALY

P 22139  Gender effect on non-motor symptoms in Parkinson’s disease: are men more at risk for most of them?  
A. Nicoletti1, R. Vasto2, G. Mostile1, G. Nicoletti2, G. Arabia2, G. Iliceto3, P. Lamberti1, R. Marconi1, L. Morgante1, P. Barone2, A. Quattrone3 | BARI, GROSSETO, MESSINA, SALERNO, ITALY

P 22140  Enhanced CJD surveillance in the older population  
B. Waddell, G. Logan, S. Pal, G. Holloway, S. Shenkin, M. Head, C. Smith, A. Molesworth | EDINBURGH, UK

P 22143  Analysis of SPAST patients in the UK cohort reveals high rate of psychiatric comorbidities  
V. Chelban, A. Tucci, H. Houlden | LONDON, UK

P 22144  Functional outcomes in hereditary spastic paraplegia: a prospective cohort study  
N. Chrestian1, N. Duprê1, J.-D. Brisson1, Z. Gan-or2, K. Boycott3, O. Suchowersky2, G. Rouleau2, G. Yoon3 | QUEBEC CITY, MONTREAL, OTTAWA, EDMONTON, TORONTO, CANADA

P 22145  Heterozygous mutation of HTRA1 gene in an Italian family with cerebral ischemic small vessel disease  
L. Di Donato, S. Bianchi, G.N. Gallus, A. Cerase, A. Federico, M.T. Dotti | SIENNA, ITALY

P 22146  Late-onset Krabbe disease in an adult metabolic disorders consultation  
J. Durães1, J. Tomás1, M. Tábuas-Pereira1, C. Caseiro2, L. Lacerda2, M.C. Macário1 | COIMBRA, PORTO, PORTUGAL

P 22147  Clinical presentation and molecular genetic testing in spinocerebellar ataxia type 17  
J. Durães, J. Tomás, I. Santana, J.M.G. Lemos, M.C. Macário | COIMBRA, PORTUGAL

P 22148  Screening for SLC25A46 mutations in familial and sporadic ataxic patients  
S. Efthymiou, C. Bettencourt, H. Houlden | LONDON, UK

P 22149  New mutation in the ABCD1 gene associated with X-linked adrenoleukodystrophy  

P 22150  Double troubles in families with ALS/FTD related to C9orf72 repeat expansion: casual or causal?  
M.P. Giannoccaro1, A. Bartoletti-Stella1, S. Piras1, P. de Massis2, A. Pession1, F. Oppi1, M. Stanzani-Maserati2, E. Pasini1, S. Baiardi1, P. Avoni1, P. Parchi1, R. Liguori1, S. Capellari1 | BOLOGNA, IMOLA, ITALY

P 22151  A next-generation sequencing study in Italian multiple sclerosis multiplex families: looking for rare susceptibility variants  
C. Guaschino1, A. Zauli, F. Esposito1, M. Sorasina1, E. Mascia1, S. Santoro1, A.M. Osiceanu1, E. Mascia1, S. Santoro1 | NOVARA, MILAN, ITALY

P 22152  A novel TTBK2 de novo mutation in a Danish family with early childhood onset spinocerebellar ataxia type II (SCA11)  
S.G. Lindquist1, L.B. Møller1, E.-J. Kamsteeg2, C.I. Dali1, J.E. Nielsen1, L.E. Hjermand1 | COPENHAGEN, DENMARK, NÆRUM, THE NETHERLANDS
POSTER SESSIONS

SUNDAY, 29 MAY 13:30 - 14:15

**P 22153** Fragile X-associated tremor/ataxia syndrome in two female patients
L. Hvizdosova, M. Kaiserova, M. Vercerova, K. Mensikova, P. Kanovsky I OLOMOUC, CZECH REPUBLIC

**P 22154** Next generation sequencing in the diagnosis of neurodegenerative diseases: Russian experience
N. Abramycheva, E. Fedotova, S. Klyushnikov, S. Illarioshkin I MOSCOW, RUSSIAN FEDERATION

**P 22155** Variability in the clinical course of congenital myasthenic syndrome type la
K. Kastreva1, T. Chamova1, V. Guergelcheva1, V.M. Mihaylova2, S. Cherninkova1, I. Tournev1 I SOFIA, BULGARIA, 2ZURICH, SWITZERLAND

**P 22156** Cerebrospinal fluid markers in premanifest and manifest Huntington’s disease: evidence of sequential development of neurodegeneration and inflammation

**POSTER SESSION NEUROIMAGING 2**
13:30-14:15 | SCREEN A3
CHAIRPERSON:
Luigi Ferini Strambi, MILAN, ITALY

**P 22157** PET study in dementia with Lewy bodies patients with and without REM sleep behavior disorder
L. Ferini Strambi, L. Iaccarino, S. Marelli, A. Iannaccone, G. Magnani, D. Perani I MILAN, ITALY

**P 22158** Neural network of predictive motor timing in the context of gender differences
P. Filip, M. Baraš I BRNO, CZECH REPUBLIC

**P 22159** FMRI findings in the final stage of Creutzfeldt-Jakob disease
C. Florea1, S.M. Golaszewski1, A.F. Unterrainer1, M. Kronbichler1, M. Seidl1, S. Weis2, F. Gerstenbrand3, E. Trinka1 I SALZBURG, LINZ, VIENNA, AUSTRIA

**P 22160** Prevalence of venous sinus stenosis in Pseudotumor cerebri (PTC) using digital subtraction angiography (DSA)
M. Hamsy I CAIRO, EGYPT

**P 22161** Asymmetric cortical and basal ganglia MRI alterations on FLAIR and DWI in a patient with Creutzfeldt-Jakob disease (CJD) carrying a V210I mutation
D. Ippolito, L. Lavorgna, R. Docimo, M.P.M. Cirillo, G. Tedeschi, S. Bonavita I NAPLES, ITALY

**P 22162** Squeeze and Trace: evaluation of a novel functional magnetic resonance imaging motor-paradigm developed for stroke patients with impaired hand motor function
L.V. Knudsen1, P. Jensen1, C. Thomesen1, A.O. Baandrup2, P.M. Fisher1, L.H. Pinborg1 I COPENHAGEN, 1ROSKILDE, DENMARK

**P 22163** Time course of multiple sclerosis lesions visualized with MRI: insight into focal pathology
P. Maggi1, F. Zellini2, A. Barilaro2, L. Massacesi2 I 1BRUSSELS, BELGIUM, 2FLORENCE, ITALY

**P 22164** Resting state functional connectivity in olfactory network in de novo Parkinson’s disease
S. Marino, L. Bonanno, F. Caminti, S. Salvo, F. Corallo, V. Lo Buono, P. Bramanti, G. Di Lorenzo I MESSINA, ITALY

**P 22165** CSF biomarkers to detect cognitive decline in IMI PharmaCog WPS / European ADNI: a multicenter study
M. Marizzoni1, C. Ferrari1, S. Galluzzi1, E. Rolandi1, P.J. Visser1, L. Parnetti1, F. Nobili1, M. Didic1, D. Bartrés-Fas12, U. Fiedler23, P. Schonknecht24, P. Payoux15, A. Beltramello1, A. Soricelli15, M. Tsolaki15, P.M. Rossini16 I 1BRESCIA, 2PERUGIA, 3GENOA, 4VERONA, 5NAPLES, 6ROME, MILAN, ITALY, 7MILAN, ITALY, 8AMSTERDAM, THE NETHERLANDS, 9MARSEILLES, 10TOULOUSE, 11LILLE, FRANCE, 12BARCELONA, SPAIN, 13LEIPZIG, GERMANY, 14DUBLIN, IRELAND

**P 22166** Brain magnetic resonance imaging in cerebrotendinous xanthomatosis: a single-centre experience
A. Mignani, L. Monti, P. Galluzzi, N. de Stefano, A. Federico, M.T. Dotti I SIENNA, ITALY

**P 22167** Clinical application of diffusion tensor imaging in pathology of the spinal cord
M. Moldovanu, O. Gavriliuc I CHISINAU, MOLDOVA

**P 22168** Quantitative sparing of cortical metabolism in combination with striatal hypermetabolism on cerebral FDG PET scanning in voltage gated potassium channel mediated limbic encephalitis
P. Moloney, R. Boylan, M. Elamin, S. O’riordan, K. Ronan, C. McGuigan I DUBLIN, IRELAND

**P 22169** The investigation between DAT SPECT and MIBG myocardial scintigraphy in diagnosis of PD and DLB
**POSTER SESSIONS**

**SUNDAY, 29 MAY**

**POSTER SESSION  NEUROIMMUNOLOGY 2**

13:30-14:15 | SCREEN H2

CHAIRPERSON: Maarten Titulaer, ROTTERDAM, THE NETHERLANDS

P 22170  Preliminary analysis of chemical exchange saturation transfer (CEST) images and z-spectrum of different metabolism models
Y. Yang1, R. Wu2  I XIAMEN, SHANTOU, CHINA

P 22171  Study of chemical exchange saturation transfer MRI on brain metastases at 1.5 Tesla
Y. Yang1, R. Wu2  I XIAMEN, SHANTOU, CHINA

P 22172  Study of chemical exchange saturation transfer MRI on cerebral infarction at 1.5 Tesla
Y. Yang1, R. Wu2  I XIAMEN, SHANTOU, CHINA

P 22173  Clinical characteristics, immunological accompaniments and treatment outcomes of autoimmune aerebellar ataxia
V. Damato, G. Silvestri, A. Evoli, R. Iorio  I ROME, ITALY

P 22174  Long-term neuropsychological outcome of anti-NMDA receptor encephalitis in children
M. de Brujin1, F. Aarsen1, A. Sonderen van2, C. Catsman-Verrevoets1, R. Neuteboom1, M. Schreurs1, P.A. Sillevis Smitt1, M. Titulaer1  I ROTTERDAM, THE HAGUE, THE NETHERLANDS

P 22175  Tolerability of the intravenous immunoglobulin octagam® 10% in neurologic indications: a subgroup analysis of a non-interventional study in Germany
A. Debes, S. Tascou  I LANGENFELD, GERMANY

P 22176  Therapeutic plasma exchange in patients with neurological diseases: experience of the neurology department, Mohammed VI University Hospital of Marrakech
H. Elmouden, N. Adali, N. Kissani  I MARRAKECH, MOROCCO

P 22177  Overlapping demyelinating syndrome in an anti-NMDA encephalitis case
L. Fontao1, I. Alves2, C. Santos3  I SANTA MARIA DA FEIRA, PENAFIEL, PORTUGAL

P 22178  Comparison of antibody assays in anti-NMDAR encephalitis
M. Gastaldi1, A. Thouin2, E.P. Coutinho2, L. Jacobson3, S. Irani4, A.C. Vincent3  I PAVIA, ITALY, NEWCASTLE, OXFORD, UK

P 22179  Rare comorbidity of multiple sclerosis and HIV infection in a patient. New drugs and new possibilities
C. Skarlis, M. Gontika, S. Katsavos, M. Anagnostouli  I ATHENS, GREECE

P 22180  NMDA autoimmune encephalitis triggered by a herpes simplex virus encephalitis: a case report

P 22181  Autoimmune encephalitis at the neurological intensive care unit: etiologies, reasons for admission and survival

P 22182  The possible role of sirtuin 1 in migraine pathogenesis
C. Irkeç, D. Yazıcıoğlu Cezayir, T. Altiparmak, R. Tural, N. Altan  I ANKARA, TURKEY

P 22183  CXCL10 and CXCL13 chemokines in relapsing-remitting and primary progressive multiple sclerosis

P 22184  Abstract cancelled

P 22185  MOG positive seronegative NMO presenting with absence F-wave in an electrophysiological study
S. Nahri, N. Kajtazi, J. Saeedi  I RIYADH, SAUDI ARABIA

P 22186  Peripheral regulatory T-/ Th17-cells contributes to Moya-Moya disease
Y. Xu, X. Cao, L. Weng  I NANJING, CHINA

**POSTER SESSION  NEUROLOGICAL MANIFESTATIONS OF SYSTEMIC DISEASES 2**

13:30-14:15 | SCREEN B3

CHAIRPERSON: Peter D. Berlit, ESSEN, GERMANY

P 22187  Association of parenchymal and vascular damage (mixed pattern) in neurobehcet’s disease: a case series study
H. El Otmani, K. Obondzo, T. Benhsain, M.A. Rafai, B. El Moutawakil, I. Slassi  I CASABLANCA, MOROCCO
P 22188  Prognostic factors and long-term follow-up of 20 cases of Neuro-Behçet disease: a retrospective study  
B. Houria  I ALGIERS, ALGERIA

P 22189  A case of posterior reversible encephalopathy syndrome (PRES) in a patient with paraganglioma  
L. Huachan  I OUTRAM, SINGAPORE

P 22190  Moya-Moya syndrome in a patient with Takayasu’s arteritis  
K. Jo, W. Jang, M.K. Lee  I GANGNEUNG, KOREA, REPUBLIC OF

P 22191  Impact of white matter lesions on processing speed deficits in systemic lupus erythematosus patients  
M. Pawlak1, A. Kalinowska-Lyszczarz2, M. Forycka1, M. Wilkosc1, Z. Serafin3, K. Pawlak-Bus4, P. Leszczynski5, E. Wiesik-Szewczyk6, R. Kazmierski6, W. Kozubski6  I POZnan, POLAND

P 22192  Abstract cancelled

P 22193  Tacrolimus-induced posterior reversible encephalopathy  
G. Koc1, S. Bek2  I ANKARA, ‘ADANA, TURKEY

P 22194  Hypoparathyroidism with severe brain calcinosis presenting as non-convulsive status epilepticus  
M. Pimplidou, M. Grammatiki, K. Kotsa, E. Koutsouraki, A. Orologas I THESSALONIKI, GREECE

P 22195  Autoimmune meningoencephalitis with two possible etiologic factors: HCV infection and anti-NMDA receptor antibodies  
R. Loureiro, M.V. Dias, J. Becho, M. Santos, F. Carrilho, P. Costa, C. Fidalgo, F. Roxo, A. Palos I SANTAREM, PORTUGAL

P 22196  Acquired hepatocerebral degeneration and hepatic encephalopathy: an overlapping case  

P 22197  Palinopsia: a strange visual phenomenon  
S. Fernandez, N. Fabregat, A. Donaire  I BARCELONA, SPAIN

P 22198  The association between multiple sclerosis and uveitis  
J. Frederiksen1, J. Gedegaard Olsen2  I THISTED, GLOSTRUP, DENMARK

P 22199  Blurred vision in MS: is it always optic neuritis?  
J. Gouci, Chircop, N. Vella  I M'SIDA, MALTA

P 22200  Upbeat nystagmus due to B1 deficiency: a case report  
M.J. Ibanez, E. Pappa, B. Gaymard, D. Psimaras  I PARIS, FRANCE

P 22201  Isolated vertigo in emergency room  
B. Kim  I SEOUL, KOREA, REPUBLIC OF

P 22202  Isolated vertigo with posterior circulation infarction  
B. Kim  I SEOUL, KOREA, REPUBLIC OF

P 22203  Benign paroxysmal positional vertigo: 20-year experience in treating 1185 patients with canalith repositioning procedure  
N. Chatzakis, D. Kotzaman1, A. Karatzanis1, S. Velagakis2, E. Prokopakis2  I HERAKLION CRETE, GREECE, ERLangen, GERMANY

P 22204  Neuro-phthalmological and clinical findings in Wolfram syndrome: indications of mitochondrial dysfunction  
C. La Morgia1, M. Carbonelli1, L. Caporalii, F. Sadun2, C. Tononi1, R. Lodi1, M.L. Valentino1, P. Barboni1, R. Ligouri1, V. Carelli1  I BOLOGNA, ITALY

P 22205  Saccade kinematics in myotonic syndromes  
E. Livitzis, G. Papadimas, I. Potiri, I. Evdokimidis, E. Kararizou, E. Anagnostou  I ATHENS, GREECE

P 22206  Relationship between retinal nerve fiber layer and vitamin D levels in patients with multiple sclerosis  
POSTER SESSIONS

SUNDAY, 29 MAY
13:30 - 14:15

P 22207  Status of the extracranial segments of the vertebral arteries in the vestibular dysfunction caused by the neurovascular conflict
H. Lushchyk, I. Maryenko, S.A. Liakhachev, A. Antonenko, D. Naumenko  I MINSK, BELARUS

P 22208  Gradeno's syndrome caused by odontogenic infection: an unusual aetiology

POSTER SESSION  
PERIPHERAL NERVE DISORDERS 4
13:30-14:15 | SCREEN D2
CHAIRPERSON:
Davide Pareyson, MILAN, ITALY

P 22209  Utility of sensory nerve conduction and summed Z-scores in polyneuropathy
T. Sand1, K.B. Nilsen2, M. Engstrom1, R. Michler1, T. Wader1, K. Todnem1  I TRONDHEIM, OSLO, NORWAY

P 22210  Sjögren’s syndrome presenting as subacute sensory ataxic neuropathy and sensorineural hearing loss

P 22211  Sensory ganglionopathy associated with gluten sensitivity: a case report
J. Sequeira, S. Dias, J. Morgado, C.M.C. Capela, A. Calado, R.M.G. Pedrosa  I LISBON, PORTUGAL

P 22212  Rituximab in the treatment of anti-myelin-associated glycoprotein (anti-MAG) neuropathy resistant to conventional immune therapies: a 15-year experience
S. Simonetti  I GENOA, ITALY

P 22213  Interest of anti-ganglioside antibodies for the diagnosis of neuropathies of unknown aetiology: a series of 47 patients

P 22214  An unusual cause of transient diplopia
K. Szöke, Z. Aranyi, G. Bozsik, D. Bereczki  I BUDAPEST, HUNGARY

P 22215  Acute polyneuropathy secondary to thiamine deficiency: one year of follow-up
H. Tibar, W. Regragui, E. Ait Ben Haddou, A. Benomar, M. Yahyaoui  I RABAT, MOROCCO

P 22216  Abstract cancelled

P 22217  Lewis-Sumner syndrome (L-SS), a rare variant of chronic inflammatory demyelinating polyradiculoneuropathy (CIDP)
M.H. Torregrosa Martinez, M. Molina Sanchez, P. Hernandez Navarro, L.A. Lazano Garcia-Caro  I MADRID, SPAIN

P 22218  Motor unit number estimation in acute inflammatory demyelinating polyneuropathy
M. Vaeggemose, A. Fuglsang-Fredriksen, H. Andersen, B. Isak, T. Harbo, H. Tankisi  I AARHUS, DENMARK

P 22219  Can a mobile phone be used to test vibration sensation?
H. van Den Tooren1, E. McKee2, D. McKee1  I MANCHESTER, EDINBURGH, UK

P 22220  Chronic demyelinating polyneuropathy – clinical-immunological correlation

P 22221  Self-reported questionnaires for patients with suspected neuropathies in outpatient settings
N. Yavorska, V. Smilevska  I LVIV, UKRAINE
21st International Congress of Parkinson’s Disease and Movement Disorders

SAVE THE DATE
June 4–8, 2017
VANCOUVER
British Columbia, Canada

www.mdscongress2017.org
CASE-BASED FACILITATED WORKSHOP 4: MANAGEMENT OF MULTIPLE SCLEROSIS
08:30 - 10:00 | HALL B4. M2

CHAIRPERSON:
Aksel Siva, ISTANBUL, TURKEY

Management of MS attacks
Aksel Siva, ISTANBUL, TURKEY

Symptomatic management
Oscar Fernandez, MALAGA, SPAIN

Long-term management
Michel Clanet, TOULOUSE, FRANCE

Management of pediatric MS
Alexey Boyko, MOSCOW, RUSSIA

In this case-based facilitated workshop different aspects of multiple sclerosis management will be discussed through pre-prepared real-life four clinical case scenarios.

• The first case will address management of MS attacks and will include issues such as the differential of pseudo-attacks, how to work up a patient prior to attack treatment and attack treatment protocols, including steroid non-responders.
• The second case will cover symptomatic management in an MS patient who had developed some neurologic deficits as a part of her MS.
• The third case is on long-term management, when to start a DMD, which one to start and some of the safety issues as well as when to consider that a patient is a responder or non-responder, and when to switch?
• In the fourth case scenario a paediatric patient with MS will be presented and available options in the management of paediatric MS will be reviewed.

In the first part of the workshop each of the cases will be discussed by one of the four groups together with one of the faculty members who will act as a facilitator and then in the second part each case will be discussed by all participants.

HANDS-ON COURSE 4: NEUROPHYSIOLOGY III – NON-INVASIVE BRAIN STIMULATION
08:30 - 10:00 | HALL B5. M1

CHAIRPERSON:
Letizia Leocani, ROME, ITALY

Single transcranial magnetic stimulation (TMS)
Josep Classen, LEIPZIG, GERMANY

Repetitive TMS and transcranial direct current stimulation (rTMS and tDCS)
Letizia Leocani, ROME, ITALY

The practical course on magnetic and direct current stimulation will provide an opportunity for learning of the basic principles, standards of use, and potential applications of TMS and tDCS in clinical neurophysiology and neurology. Participants will have learned how to determine motor threshold, how to record motor evoked potentials, how to determine central motor latency, conduct silent period, and paired-pulse TMS studies, and how to safely apply repetitive TMS and tDCS. Participants will also learn how to interpret findings of TMS studies.

This course is supported by NATUS MEDICAL Inc. and Neuroelectrics SL

INTERACTIVE SESSION 3: MDS-ES/EAN: PAROXYSMAL AND ACUTE MOVEMENT DISORDERS
08:30 - 10:00 | HALL B

CHAIRPERSON:
Timothy Lynch, DUBLIN, IRELAND

Movement disorders in the intensive care unit
Timothy Lynch, DUBLIN, IRELAND

Paroxysmal dyskinesia or epilepsy?
Laurent Vercueil, GRENOBLE, FRANCE

Psychogenic movement disorders
Kailash Bhatia, LONDON, UK

Participants are encouraged to actively engage with immediate feedback to support learning via the congress App EAN 2016.
FOCUSED WORKSHOP 13: SLEEP AND COGNITION
08:30 - 10:00 | HALL C

CHAIRPERSON:
Pierre Maquet, LIEGE, BELGIUM

Sleep and cognition
Pierre Maquet, LIEGE, BELGIUM

Sleep and emotion
Virginie Sterpenich, GENEVA, SWITZERLAND

Sleep and dementia
Sebastiaan Overeem, NIJMEGEN, THE NETHERLANDS

Target Audience: Basic scientists, clinical academicians, practitioners, students/residents/trainees

Scientific Content: The workshop covers three different topics illustrating the importance of sleep in clinical neurology. Pierre MAQUET presents the mechanisms by sleep and wakefulness mutually interact, and which constrain patients performance and recovery. Professor Schwartz explores the structural and anatomical links between emotional processing and neurological diseases such as narcolepsy. Professor Overeem reviews the mechanisms sleep, and lack of sleep, are involved in brain amyloid clearance and accumulation, respectively.

FOCUSED WORKSHOP 14: GUT MICROBIOTA, IMMUNOLOGY AND NEUROLOGICAL DISEASES
08:30 - 10:00 | HALL M1

CHAIRPERSON:
Gurumoorthy Krishnamoorthy, MARTINSRIED, GERMANY

Microbiota and the gut-brain axis
Patricia Lepage, JOUY-EN-JOSAS, FRANCE

Microbiota and CNS autoimmunity (multiple sclerosis)
Gurumoorthy Krishnamoorthy, MARTINSRIED, GERMANY

Gut microbiome: a key regulator of neurodevelopment and behaviour
John F. Cryan, CORK, IRELAND

Target Audience: Basic scientists, clinical academicians, practitioners, students/residents/trainees

Scientific Content: The human intestinal microbiota, composed of approximately 100,000 billion microorganisms, can be considered as an organ within another, which co-evolved with its host to achieve a symbiotic relationship leading to physiological homeostasis. Dysbiosis of the intestinal microbiota (changes in bacterial composition) has been associated with local dysfunctions of the gastrointestinal tract, such as inflammatory bowel disease (IBD) or irritable bowel syndrome (IBS), but also, at distance, in obesity and metabolic diseases. The possible involvement of the ‘microbiota-gut-brain’ axis in the development of such disorders, will be further discussed, as well as the role of gut microbiome in central nervous system immune mediated, neurodevelopmental and behavioural disorders.

FOCUSED WORKSHOP 15: EXOME SEQUENCING GOES BEDSIDE: NEW GENES IN NEUROLOGICAL DISORDERS
08:30 - 10:00 | HALL M3

CHAIRPERSON:
Matthis Synofzik, TUBINGEN, GERMANY

Cerebellar ataxias: exome sequencing unravels novel genes, false friends and clinical hints for bedside
Matthis Synofzik, TUBINGEN, GERMANY

Atypical parkinsonian syndromes: rapidly expanding genetic disease spectrum, yet distinct clinical and imaging signatures
Henry Houlden, LONDON, UK

Motor neuron disease and spastic paraplegias: large-scale exome sequencing reveals common pathogenetic hubs
Rebecca Schüle, TUBINGEN, GERMANY

Target Audience: Basic scientists, clinical academicians, practitioners, students/residents/trainees

Scientific Content: Next generation genomics like whole exome sequencing (WES) has led to a quantum leap in clinical neurology and neurogenetics, providing unprecedented options to diagnose previously unsolved patients, to define the genetic basis of many rare and complex neurological disorders, and to gain first insights into underlying molecular pathways. Given this success, WES is now moving from academic research settings to clinical routine, and from few well-selected families to many individual patients with less unique phenotypes. This development is evidenced by the fact that the „Clinical Exome“ has now become readily available, allowing to use standardized WES with high coverage, quick turn-around times, clear reports requiring no genetic expert knowledge, at relatively low cost (<1500€). This focussed workshop will
1. give an overview on the methodology of WES, its strengths and its pitfalls
2. provide an overview on novel genes and associated molecular pathways in three exemplary neurodegenerative disease groups where WES has allowed to identify several new genes within only few years: degenerative ataxias, parkinsonian syndromes, and motor neuron diseases
3. outline and discuss the power and the limitations of using WES „at the bedside”, i.e. in the daily practice of busy clinical routine with only one patient or family at a time and sometimes without additional expert knowledge for interpreting the particular WES variants at hand.

Target Audience: Basic Scientists, clinical academicians, practitioners, students/residents/trainees, non-physician health professionals

Scientific Content: ALS and FTD are since 2016 a single disease: the neuropathology first provided proof and genetics largely confirmed and contributed in defining the convergence. The clinical implications are so relevant both in the subgrouping of the patients and in the design of clinical trials that further clarifications are highly needed for a more accurate definition of the cognitive and motor involvement of both diseases.

FOCUSED WORKSHOP 16:
SYNDROMES OF CENTRAL VISUAL AND VESTIBULAR DISORDERS
08:30 - 10:00 | HALL M4

CHAIRPERSON:
Christopher Kennard, OXFORD, UK

Cortical visual disorders and neglect
Christopher Kennard, OXFORD, UK

Peripheral vestibular disorders with essential bedside testing
Barry Seemungal, LONDON, UK

Central vestibular disorders (from brainstem to cortex)
Thomas Brandt, MUNICH, GERMANY

Target Audience: Clinical academicians, practitioners, students/residents/trainees

Scientific Content: Actual knowledge of syndromes and diagnostic procedures of peripheral vestibular and the different central visual and vestibular disorders depending on the lesion site

FOCUSED WORKSHOP 17:
ALS AND FTD: TWO CONVERGING DISEASES?
08:30 - 10:00 | HALL M5

CHAIRPERSON:
Vincenzo Silani, MILAN, ITALY

Neuropathology of FTD and ALS – comparing the patterns of propagation
Johannes Brettschneider, PHILADELPHIA, USA

Assessment of neuropsychology in ALS and FTD
Thomas Bak, EDINBURGH, UK

ALS and FTD: genetics and phenotypes
Vincenzo Silani, MILAN, ITALY

SPECIAL SESSION 5:
PAUNS/EAN NEUROMEDITERRANEAN SESSION: INFECTIOUS DISEASES
08:30 - 10:00 | HALL M2

CHAIRPERSON:
Franz Fazekas, GRAZ, AUSTRIA
Nabil Mohsen, BEIRUT, LEBANON

Life-threatening infections of the central nervous system: time matters for optimal antimicrobial and adjunctive therapies.
Erich Schmutzhard, INNSBRUCK, AUSTRIA

Infectious neuropathies
Nazha Birouk, RABAT, MOROCCO

Early neuropathological changes during septic shock
Fabrice Chrétien, PARIS, FRANCE

Post infectious encephalitis
Nabil Mohsen, TRIPOLIS, LEBANON

Scientific Content: Infectious diseases are still a leading cause of burden in Mediterranean countries. In this context, neurological complications are quite frequent and CNS and PNS may be concerned. In this session will be discussed a few of these neurological disorders and some mechanisms inducing infectious lesions of the nervous system. The management of these diseases benefits of recent techniques and drugs which will be also presented.
**SPECIAL SESSION 6: ILAE-CEA/EAN: HOT TOPICS IN EPILEPSY**

**08:30 - 10:00 | HALL M0**

**CHAIRPERSON:**
Hermann Stefan, ERLANGEN, GERMANY
Reetta Kälviäinen, KUOPIO, FINLAND

**Recent advances in structural brain imaging in epilepsies**
Reetta Kälviäinen, KUOPIO, FINLAND

**EEG and MEG monitoring in epilepsy**
Sándor Beniczky, DIANALUND, DENMARK

**Epilepsy and gender**
Gerhard Luef, INNSBRUCK, AUSTRIA

**Seizures and epilepsy in the aging population**
Hermann Stefan, ERLANGEN, GERMANY

**PLENARY SYMPOSIUM 2: NEUROIMAGING OF DEMENTIA**

**10:30 - 12:30 | HALL A**

**CHAIRPERSON:**
Reinhold Schmidt, GRAZ, AUSTRIA
Massimo Filippi, MILAN, ITALY

**Imaging of cerebral small vessel disease**
Reinhold Schmidt, GRAZ, AUSTRIA

**Imaging of Alzheimer’s disease**
Philip Scheltens, AMSTERDAM, THE NETHERLANDS

**Imaging of frontotemporal dementia**
Massimo Filippi, MILAN, ITALY

**Monitoring treatment response in dementia trials**
Nick Fox, LONDON, UK

**HOW TO IMPROVE YOUR CHANCES...**

**ABSTRACT, POSTER AND PRESENTATION TIPS FOR SUCCESS AT INTERNATIONAL MEETINGS**

**13:00 - 14:30 | HALL B4. M2**

**CHAIRPERSON:**
Hannah Cock, LONDON UK

**How to Prepare & Submit your abstract**
Hannah Cock, LONDON, UK

**Preparing your poster or slides**
Aksel Siva, ISTANBUL, TURKEY

**Delivering your poster or oral presentation**
Claudia Sommer, WÜRZBURG, GERMANY (TBC)

**Target Audience:** Neurologists at any level who are relatively inexperienced in submitting work for presentation at international congresses, or experienced in their native country, but may be less competitive/successful on an international stage.

**Educational objective:** Practical advice on every step from abstract preparation to delivering your poster or oral platform presentation will be provided by experts from the Education and Program committees of the EAN, with ample opportunity to ask questions and seek advice.

**CASE-BASED FACILITATED WORKSHOP 5: CARE OF THE PERSON WITH ALS**

**14:45 - 16:15 | HALL B4. M2**

**CHAIRPERSON:**
David Oliver, CANTERBURY, UK

**Telling the diagnosis and initial care**
Marianne de Visser, AMSTERDAM, THE NETHERLANDS

**Interventions – gastrostomy and ventilation – and the palliative care needs of ALS patients and their families**
Johanna Anneser, MUNICH, GERMANY

**Care at the end of life**
David Oliver, CANTERBURY, UK

**Assisted suicide and euthanasia in ALS – experience across Europe**
Markus Weber, ST. GALLEN, SWITZERLAND
The care of the person with ALS and their family is complex and involves the careful assessment and management of all aspects of care – physical, psycho-social and spiritual. This workshop considers the pathway of care from the telling of the diagnosis and initial management of symptoms and other issues, the complex decisions for patients and families with interventions, in particular gastrostomy and non-invasive ventilation, and the care as the condition deteriorates and the patient approaches end of life, including when a patient considers assisted dying. Learning objectives: The workshop will aim to allow participants to look at the issues of caring for a person with ALS, particularly as the end of life approaches.

At the end of the workshop participants will be able to
- Describe the importance of good care in the initial stages following diagnosis and the importance of the telling of the diagnosis
- Discuss the use of gastrostomy and ventilator support in the care of a person with ALS
- Discuss the changes in the use of gastrostomy and ventilator support as the end of life approaches
- Show awareness of the recognition of the end of life phase in ALS and the support that may be provide for patients and families
- Show awareness of the issues of hastened death – by assisted suicide or euthanasia for people with ALS

**SPECIAL SESSION 11: HISTORY OF NEUROLOGY**
**14:45 - 16:15 | HALL M0**

**CHAIRPERSON:**
Mads Ravnborg, COPENHAGEN, DENMARK

A short introduction to the history of Scandinavian neurology: from the sagas to the Nobel prizes
Ragnar Stien, OSLO, NORWAY

Nicolaus Steno, Discourse on the Anatomy of the Brain, Paris 1665, with a new programme for brain research
Troels Kardel, COPENHAGEN, DENMARK

Functional mapping of the human brain using regional cerebral blood flow techniques – the early development
Lars Friberg, FREDRIKSBERG, DENMARK

The regional CBF changes during migraine attacks
Jes Olesen, COPENHAGEN, DENMARK

**SYMPOSIUM 5: NEW PERSPECTIVES IN THE TREATMENT OF NEUROMUSCULAR DISEASES: THERAPIES ON THE HORIZON**
**14:45 - 16:45 | HALL B**

**CHAIRPERSONS:**
Eduardo Nobile-Orazio, MILAN, ITALY
John Vissing, COPENHAGEN, DENMARK

Amyotrophic lateral sclerosis: still far from an effective therapy?
Vincenzo Silani, MILAN, ITALY

Myasthenia gravis: new therapies for new antibodies?
Nils-Erik Gilhus, BERGEN, NORWAY

Immune mediated neuropathies: monoclonal antibodies and what else?
Eduardo Nobile-Orazio, MILAN, ITALY

Genetic treatment in muscular dystrophies: hope or reality?
Francesco Muntoni, LONDON, UK

Scientific content: A number of novel therapies have been proposed in the recent years in different neuromuscular disease raising some expectations especially for diseases where current therapies are unsatisfactory. We will approach in this Symposium the new therapeutic approach and the new possible perspective in some neuromuscular disease. We decided to address two diseases in whom effective therapies are available although they are not always satisfactory leading to the continuous search or more effective and safer therapies, such as myasthenia gravis and CIDP, and two diseases where the consistent advances in the comprehension of their pathogenesis has not yet led to effective therapies such as muscular dystrophies and motor neuron diseases.
SYMPSIUM 6: ESO/EAN: ACUTE STROKE: NEW OPPORTUNITIES AND CHALLENGES FOR NEUROLOGISTS

14:45 - 16:45 | HALL A

CHAIRPERSONS:
Danilo Toni, ROME, ITALY
Christina Kruuse, COPENHAGEN, DENMARK

Intracranial large vessel occlusions: how to recognise them as fast as possible
Patrik Michel, LAUSANNE, SWITZERLAND

Anterior and posterior circulation: mind the differences
Daniel Strbian, ESPOO, FINLAND

Pathway of acute stroke: how to reduce the 'pit-stops' of acute stroke
Danilo Toni, ROME, ITALY

Who should treat acute large vessel occlusions: neurologists, radiologists or neuro-interventionists?
Christine Kremer, MALMÖ, SWEDEN

Scientific content: Acute stroke is an emergency that general neurologists face regularly. Regarding its treatment, recanalisation strategies, including the administration of intravenous (IV) recombinant tissue-type plasminogen activator (rt-PA) and intra-arterial approaches, aim to establish revascularisation by rescuing cells in the penumbra prior to any irreversible injury. Endovascular techniques have shown greater benefit up to 8 h after stroke onset in the proximal anterior circulation in addition to best medical therapy (IVT up to 4.5 h in most patients), compared to intravenous rt-PA alone. However, several issues remain concerning their use in posterior circulation, the applicability of RCT trials on anterior circulation for basilar occlusion. Moreover, it needs to be discussed who should perform these techniques: certified neurologists, interventional radiologists or radiologists.

EHF/EAN TOPICAL SYMPOSIUM: CGRP ANTIBODIES: A NEW CLASS OF MIGRAINE-SPECIFIC PREVENTIVE MEDICATION

14:45 - 16:45 | HALL M5

CHAIRPERSONS:
Messoud Ashina, FREDRIKSBERG, DENMARK
Dimos Mitsikostas, ATHENS, GREECE

Current treatment for migraine: efficacy and safety outcomes
Julio Pascual, SANTANDER, SPAIN

The role of CGRP in migraine: from molecule to man
Messoud Ashina, FREDRIKSBERG, DENMARK

CGRP antibodies in treatment of migraine: efficacy and mechanism of action
Peter Goadsby, LONDON, UK

Can acute and preventive migraine medication pass the blood brain barrier?
Gitte Moos Knudsen, COPENHAGEN, DENMARK

Target Audience: Basic scientists, clinical academicians, practitioners, students/residents/trainees

Scientific content: Calcitonin gene related peptide (CGRP), a peptide present in sensory trigeminal fibres, induces dilatation of extracerebral arteries. CGRP plays a key role in migraine pathophysiology. In migraine patients, intravenous infusion of CGRP causes a migraine attack. Randomized controlled trials (RCT) have demonstrated that CGRP monoclonal antibodies may prevent migraine attacks. This session will review the role of CGRP in migraine, the results of RCT in migraine sufferers and discuss possible site of action of CGRP antibodies in migraine.

Supported by an unrestricted educational grant from Novartis
TEACHING COURSE 13: DIAGNOSTIC AND THERAPEUTICAL APPROACH TO MUSCLE SYNDROMES – LEVEL 1
14:45 - 18:15 | HALL C

CHAIRPERSON:
Corrado Angelini, VENICE, ITALY

Dysphagia: differential diagnosis and treatment
Bruno Eymard, PARIS, FRANCE

How to diagnose proximal muscle weakness
Corrado Angelini, VENICE, ITALY

How to diagnose distal muscle weakness
Bjarne Udd, TAMPERE, FINLAND

How to diagnose muscle weakness in children
Francesco Muntoni, LONDON, UK

This teaching course is directed to diagnose muscle and end-plate disorders by clinical patterns such as proximal or distal weakness, muscle MRI imaging, EMG studies and a series of laboratory investigations such as serum CK and antibody screening, muscle biopsy study such as biochemistry, muscle histopathology, immunohistochemistry, electron microscopy and new molecular techniques on DNA and RNA, i.e. next generation sequencing analysis. At the end of the presentations, physicians and neurologists attending to the teaching course will receive a full-immersion and up-to-date access to current diagnosis and possible treatments in neuromuscular disorders, including both muscular dystrophies and myositis, acquired muscle disorders and metabolic disorders or myasthenic disorders.

TEACHING COURSE 14: PAIN IN CENTRAL NEUROLOGICAL CONDITIONS – LEVEL 2
14:45 - 18:15 | HALL M1

CHAIRPERSON:
Nadine Attal, BOULOGNE-BILLANCOURT, FRANCE

Pain in stroke
Troels S. Jensen, ARHUS, DENMARK

Pain in spinal cord injury patients
Maija Haanpää, HELSINKI, FINLAND

Pain in multiple sclerosis
Giorgio Cruccu, ROME, ITALY

Pain in syringomyelia
Nadine Attal, BOULOGNE-BILLANCOURT, FRANCE

Pain is common in central neurological conditions including stroke, multiple sclerosis or spinal cord injury. Although neuropathic pain is usually the most troublesome, many of these patients also suffer from nociceptive or visceral pain, that can also impair quality of life and complexifies the therapeutic management.

Educational objectives:
• learn about epidemiology and risk factors for neuropathic pain associated with stroke, multiple sclerosis and spinal cord injury.
• understand the mechanisms of pain related to these neurological conditions.
• know the therapeutic management of pain particularly neuropathic pain including drug and non pharmacological treatment, and the current therapeutic recommendations.

TEACHING COURSE 15: CLINICAL PRESENTATIONS OF METABOLIC DISORDERS – LEVEL 2
14:45 - 18:15 | HALL M2

CHAIRPERSON:
Davide Pareyson, MILAN, ITALY

Metabolic disorders presenting with dementia or psychosis
Oliver Bonnot, NANTES, FRANCE

Metabolic disorders presenting with movement disorders
Antonio Federico, SIENA, ITALY

Metabolic disorders presenting with ataxia or spastic paraplegia
Jean-Marc Burgunder, BERN, SWITZERLAND

Metabolic disorders presenting with peripheral neuropathies
Davide Pareyson, MILAN, ITALY

Genetic metabolic disorders of the central and peripheral nervous system are important for several reasons. Although rare if considered individually, they are overall frequent. Early diagnosis is fundamental to provide correct therapy (as some of them are treatable), proper genetic counselling and to avoid misdiagnosis with the more common disorders they often mimic. Four specialists in the field will discuss metabolic diseases presenting with different clinical pictures. Olivier Bonnot, Antonio Federico, Jean-Marc Burgunder and Davide Pareyson will discuss heritable metabolic disorders characterized by psychosis/dementia, movement disorders, ataxia/spasticity, and peripheral neuropathy, respectively. They will review the diagnostic algorithms, the most relevant diagnostic challenges as well as the clinical and instrumental key elements for a correct diagnosis.
TEACHING COURSE 16: INTERVENTIONS IN NEUROCRI TICAL CARE – LEVEL 2
14:45 - 18:15 | HALL M3

CHAIRPERSON
Christina Panea, BUCHAREST, ROMANIA

Fluid and electrolyte management
Christina Panea, BUCHAREST, ROMANIA

Analgesia, sedation and relaxation
Ronny Beer, INNSBRUCK, AUSTRIA

Nutrition in the Neuro ICU
Murat Arsava, ANKARA, TURKEY

Emerging new roles for neurologists in the treatment of patients with subarachnoid haemorrhage and traumatic brain injury
Erich Schmutzhard, INNSBRUCK, AUSTRIA

In neurocritical care it becomes more and more accepted that a wide variety of seemingly non-neurological interventions may interact with a stressed or even failing brain, thereby preventing progression of failure and reversing functional impairment. Therefore, a broad critical care medicine basis is the prerequisite for the best possible management of neurocritical care patients. Christina Panea details the aspects of fluid and electrolyte management, any mismanagement in this respect may add to neurological deterioration, even permanent damage of brain tissue, e.g. brain edema, pontine myelinolysis aso. The same applies to best balanced nutrition, avoiding malnutrition, refeeding syndrome and over-nutrition in NICU patients, discussed by Murat Arsava. Similarly, the delicate measures in NICU patients, so essential for keeping the intracranial equilibrium and homeostasis, namely analgesia, sedation and relaxation are discussed in this course, Ronny Beer will point to all potential pitfalls and how to avoid possible life-threatening mistakes in this ICU-management aspect. Finally, Erich Schmutzhard will address the emerging new roles for neurologists in the treatment of patients with subarachnoid haemorrhage and traumatic brain injury. It is the thorough knowledge of brain metabolism, brain function and malfunction which qualifies the neurologist to be the key person in the emergency-, intensive care- and post intensive care management of these patients.

TEACHING COURSE 17: UPDATE ON EPILEPSY IN CHILDREN – NEW TRENDS IN DIAGNOSIS AND TREATMENT – LEVEL 1
14:45 - 18:15 | HALL M4

CHAIRPERSON
Rima Nabbout, PARIS, FRANCE

Clinical pearls and pitfalls in the diagnosis of pediatric epilepsy
Daniela Pohl, OTTAWA, CANADA

New genes – when, why and what to test in children with epilepsy
Rima Nabbout, PARIS, FRANCE

New antiepileptic drugs – pros and cons in kids
Thomas Bast, KEHL-KORK, GERMANY

Nonpharmacological treatment approaches: Ketogenic diet and neurostimulation
Helen Cross, LONDON, UK

This session is dedicated to childhood epilepsies and will focus on 4 major aspects.
Dr. Pohl will present clinical cases of difficult to diagnose and common pitfalls in the diagnosis of pediatric epilepsies. Her talk will include the new proposals for classification and terminology in epilepsy syndromes. She will emphasize the key role of EEG-video.

Dr. Nabbout will speak about conjoint efforts of clinicians and the spectacular advances of molecular biology tools have allowed the identification of causal genes in childhood epilepsy syndromes as Dravet syndrome or Epilepsy of infancy with migrating focal seizures and the description of new genetic syndromes as for patients with PCDH19 or CDKL5 mutations. This presentation will focus on some monogenic genetic epilepsy syndromes of interest for paediatric neurologists. It aims to discuss the impact of gene discovery on diagnosis, genetic counselling and our future vision of development of new targeted therapies that should aim beyond the treatment of seizures to cure a genetic disease.

Dr. Bast will address the current knowledge of AEDs in childhood epilepsies and will emphasize the level of evidence for the efficacy of these drugs the new AEDs. He will discuss also possible misuse of these drugs.

And Dr. Cross will discuss the use of non pharmacological treatments in childhood epilepsies and will emphasize the level of evidence for the efficacy of these drugs the new AEDs. He will discuss also possible misuse of these drugs.
TOURNAMENT ORAL SESSIONS

14:45 - 16:15 | HALL B5, M1

CHAIRPERSONS:
Claudio Bassetti, BERN, SWITZERLAND
Marianne Dieterich, MUNICH, GERMANY
Jesper Erdal, COPENHAGEN, DENMARK

Low maternal folic acid in women with epilepsy during pregnancy is linked to autistic traits in the child at 3 years of age
M.H. Bjørk, G. Veiby, O. Spigset, B. Riedel, E. Kolstad, A.K. Daltveit, N.E. Gilhus I BERGEN, NORWAY

Anti-LGI1 mediated autoimmune encephalitis in Denmark: a multicenter retrospective study
M. Celic, C. Drevon, C. Møller, F. Blaabjerg, F. Winther Bach, D. Koudzan, H. Andersen, Z. Illes, L. Pinborg I COPENHAGEN, AARHUS, ODENSE, AALBORG, DENMARK

Clinical, biochemical, molecular and histological features of 65 Portuguese patients with genetically confirmed mitochondrial disorders
S. Cruz, R. Tapias, C. Nogueira, C. Pereira, L. Almeida, R. Neiva, T. Geraldes, M. Melo Pires, L. Vilarinho I AMADORA, PORTO, ALMADA, PORTUGAL

Imaging nigrostriatal circuitry with 11C-PE2I PET and Neuromelanin-sensitive MR in Parkinson’s disease

Identification of MS patients at highest risk of cognitive impairment using integrated brain MRI assessment approach

Gender differences in thrombolysed stroke patients

Complete resection of contrast enhancing tumor volume is associated with improved survival in recurrent glioblastoma – results from the DIRECTOR trial

Hemorrhagic strokes in Caribbean
M. Agbetou, R. Dellis, F. Alecu, S. Mecharles, C. Dan, A. Lannuzel, C. Alecu I POINTE À PITRE, POINTE À PITRE, FRANCE

Brain metabolic alterations in patients with hypertension: a 2D-1H proton magnetic resonance spectroscopy imaging study
Z. Cao, R.H. Wu, B.D. Ye, Z.W. Shen, Y.Y. Xiao I SHANTOU, CHINA

No evidence for increased brain iron deposition in patients with ischemic white matter disease

The prehospital Aarhus stroke severity scale for prediction of emergent large vessel occlusion: design, validation and comparison with other scales
S. Hastrup, D. Damgaard, S.J. Paaske, G. Andersen I AARHUS, DENMARK

Vertebrobasilar occlusion stroke: does stent retrievers’ thrombectomy modify the outcome?
F. Perren, V. Mendes Pereira I GENEVA, SWITZERLAND, TORONTO, CANADA

Gender differences in thrombolysed stroke patients

Carotid endarterectomy and endovascular treatment in the recanalisation therapy of acute internal carotid artery occlusion
ORAL SESSION: COGNITIVE NEUROLOGY/NEUROPSYCHOLOGY 2
16:45-18:15 | HALL B5. M1
CHAIRPERSONS:
Steen Hasselbalch, COPENHAGEN, DENMARK
Wolfgang Heide, CELLE, GERMANY

16:45
O 3108
Influence of lateralised hemispheric asymmetries upon numerical cognition and its influence upon pro-social decision making in Parkinson’s disease
Q. Arshad, A. Bonsu, P.A. Malhotra, N. Pavese, A. Bronstein | MUNICH, GERMANY

17:00
O 3109
Prevalence of post-stroke cognitive disorders: a meta-analysis
M. Barbay, O. Godefroy, M. Roussel, M. Diouf, S.G. Grecogvasc | AMIENS, FRANCE

17:15
O 3110
Different patterns of gray and white matter damage are associated to PASAT and SDMT performances in relapsing remitting multiple sclerosis patients

17:30
O 3111
Anodal tDCS over left parietal cortex improves apraxic imitation deficits

17:45
O 3112
Personality traits could influence permeability of transcranial direct current stimulation in depressed patients
S.E. Parhizgar, S.M. Rayegani, S. Seyyedahmadian, S. Ghafoorfarad | TEHRAN, IRAN

18:00
O 3113
Montreal cognitive Assessment in mild cognitive impairment: correlation with cerebral spinal fluid biomarkers and prediction of conversion to dementia

ORAL SESSION: HEADACHE AND PAIN 2
16:45-18:15 | HALL M5
CHAIRPERSONS:
Jes Olsen, COPENHAGEN, DENMARK
Peter Goadsby, LONDON, UK

16:45
O 3114
Effectiveness of Sphenopalatine Ganglion (SPG) stimulation for cluster headache: 24-month long-term follow-up results from the pathway CH-1 study
R. Jensen, M. Barloese, J.M. Lainez, C. Gaul, J. Schoenen, A. Goodman, A. Caparso, A. May, T. Jürgens | GLOSTRUP, COPENHAGEN, DENMARK, VALENCIA, SPAIN, KOENIGSTEIN, GERMANY, LIEGE, BELGIUM, REDWOOD CITY, USA, HAMBURG, GERMANY, ROTSTOCK, GERMANY

17:00
O 3115
Persistent idiopathic facial pain: a prospective systematic study of clinical characteristics and neuroanatomical findings at 3.0 Tesla MRI
S. Maarbjerg, F. Wolfram, T.B. Heinskou, P. Rochat, A. Gozalov, J. Brennum, J. Olesen, L. Bendtsen | COPENHAGEN, DENMARK

17:15
O 3116
Self-medication with over-the-counter analgesics: a survey of patient characteristics and attitudes about pain medication

17:30
O 3117
Overlooked chronic pain in diabetic patients with cognitive impairment
M. Rakusa, S. Gak, M. Rakusa, M. Cokolic | MARIBOR, SLOVENIA

17:45
O 3118
Tolerability of antiepileptic drugs in migraine and epilepsy: who is at increased risk of adverse events?
M. Romoli, S. Siliquini, I. Corbelli, S. Caproni, C. Bedetti, P. Eusebi, C. Costa, P. Sarchielli, P. Calabresi | PERUGIA, ITALY

18:00
O 3119
PACAP38 dose-response study in migraine patients
A.L.H. Vollesen, S. Guo, M. Ashina | COPENHAGEN, DENMARK
ORAL SESSION: MOVEMENT DISORDERS 3
16:45-18:15 | HALL M0
CHAIRPERSONS:
Pille Taba, TARTU, ESTONIA
Timothy Lynch, DUBLIN, IRELAND

O 3120  16:45
Functional connectivity underpinnings of fatigue in “drug-naïve” patients with Parkinson’s disease
A. Giordano1, M.P.A. Tessitore1, R. de Micco1, P.G. Caiazzo1, A. Russo1, M.P.M. Cirillo1, P.F. Esposito2, M.P.G. Tedeschi1, 1NAPLES, 2SALERNO, ITALY

O 3121  17:00
The cerebral structural and functional signatures of impulse control disorder in Parkinson’s disease
F. Imperiale1, F. Agosta1, E. Canu1, V. Spica2, M. Ječmenica Lukić2, M. Copetti3, V.S. Kostic2, M. Filippi1, 1MILAN, ITALY, 2BELGRADE, SERBIA, 3SAN GIOVANNI ROTONDO, ITALY

O 3122  17:15
Increased serotonin-to-dopamine transporter ratios in Parkinson’s disease dyskinetas: a longitudinal study
A.-A. Roussakis 1, N. Lao-Kaim1, A. Martin Bastida1, N. Valle-Guzman2, Z. Kefalopoulou1, G. Paul1, H. Widner3, M. Politis1, T. Foltynie2, R.A. Barker2, P. Piccini1, 1LONDON, UK, 2CAMBRIDGE, UK, 3LONDON, UK

O 3123  17:30
Unilateral MR-guided high intensity focused ultrasound ablation of the cerebellothalamic tract in essential tremor
S. Schreggmann1, S. Haegel-Link1, R. Bauer2, N.A. Wegener3, A. Lebeda4, B. Werner5, E. Martin2, G. Kägi1, 1LONDON, UK, 2ST. GALLEN, SWITZERLAND, 3BERN, SWITZERLAND

O 3124  17:45
Relationship between the MDS-UPDRS and quality of life in Parkinson’s disease: a large international multicenter study (the QUALPD study)
M. Škorvánek 1, P. Martinez-Martín2, N. Kovacs3, I. Zezula3, M. Rodríguez-Violante4, J.-C. Corvol5, N. Valle-Guzman2, Z. Kefalopoulou1, G. Paul1, H. Widner3, M. Politis1, T. Foltynie2, R.A. Barker2, P. Piccini1, 1KOSICE, SLOVAKIA, 2MADRID, SPAIN, 3PECS, HUNGARY, 4MEXICO DF, MEXICO, 5PARIS, FRANCE, 6TARTU, ESTONIA, 7INNSBRUCK, AUSTRIA, 8MOSCOW, RUSSIAN FEDERATION, 9LONDON, UK, 10CHICAGO, USA

O 3125  18:00
Is awake intraoperative mapping still necessary for bilateral subthalamic stimulation for Parkinson’s disease in a modern surgical environment?
Y. Zouitina, M. Lefranc, M.P.O. Godefroy, M. Roussel, M. Tiri, P. Merie, P. Krystkowiak1, 1AMIENS, FRANCE, USA
P 31001 Abstract cancelled

P 31002 Differences in prevalence and treatment of atrial fibrillation in dementia disorders. Data from the Swedish Dementia Registry
D. Religa, L. Bognandi, P. Čermáková, B. Winblad, M. Seyed-Fereshtehnejad, S. Garcia-Ptacek, M.E. Erkssdotter | STOCKHOLM, SWEDEN

P 31003 Accuracy of clinical diagnosis of dementia with Lewy bodies: a systematic review and meta-analysis
G. Rizzo1, S. Arcuti1, M. Copetti2, M. Alessandria2, R. Savica5, A. Fontana3, G. Logroscino4 | 1BOLOGNA, 2TRICASE, 3SAN GIOVANNI ROTONDO, 4BARI, ITALY, 5ROCHESTER, USA

P 31004 High incidence of sporadic Creutzfeldt-Jakob disease in Slovenia in 2015
T. Rus, N. Čakš Jager, M. Popović, M. Blaško Markič, M. Kramberger Gregoric | LJUBLJANA, SLOVENIA

P 31005 Clinical variability in Gerstmann-Sträussler-Scheinker syndrome: a retrospective case study

P 31006 Timed Up and Go Dual Task and 11C-PiB-PET as prognostic indicators of progression in mild cognitive impairment and mild AD
M. Schjonning Nielsen1, A. Hviid Simonsen2, I. Law2, V. Siersma2, S.G. Hasselbalch2, P. Høgh1 | 1ROSKILDE, 2COPENHAGEN, DENMARK

P 31007 Quantitative electroencephalography (qEEG) as a prognostic marker of progression in mild cognitive impairment (MCI) and mild Alzheimer’s disease (AD)
M. Schjonning Nielsen1, A. Hviid Simonsen2, S.G. Hasselbalch2, P. Høgh1 | 1ROSKILDE, 2COPENHAGEN, DENMARK

P 31008 Czech Brain Aging Study (CBAS) – National longitudinal cohort study with AD biomarkers. Design and first data about progression rates in 3 year follow-up
K. Sheardova1, M. Vyhňálek2, Z. Nedelska2, J. Lacz2, R. Andel1, R. Marciniak1, D. Hudecek1, B. Dvorakova1, O. Lerch2, J. Hort1 | 1BRNO, 2PRAHGE, CZECH REPUBLIC, 3TAMPA, FLORIDA, USA

P 31009 Combination therapy of cholinesterase inhibitor plus memantine for behavioral and psychological symptoms in Alzheimer’s disease patients
C. Shin | GWANG-JU, KOREA, REPUBLIC OF

P 31010 miRNA expression profiles in cerebrospinal fluid and blood of patients with Alzheimer’s disease and other types of dementia: an exploratory study
S.S. Sørensen, A.-B. Nygaard, T. Christensen | HILLERØD, DENMARK

P 31011 Structural brain changes on MRI in the Finnish Geriatric Intervention Study to Prevent Cognitive Impairment and Disability (FINGER)
R. Stephen1, Y. Liu1, T. Ngandu2, E. Levaldi3, J. Rinne2, N. Kemppainen2, R. Parkkola2, R. Antikainen3, T. Strandberg3, M. Kivistö4, H. Soininen1, A. Solomon1 | 1KYOPO, 2HELSINKI, 3TURKU, 4OULU, FINLAND, 5STOCKHOLM, SWEDEN

P 31012 Abstract cancelled
Non-dominant posterior variant alien hand syndrome after acute right thalamo-occipital infarction: a case report
F.D. Örken, E. Kivrak, Z. Cengiz, N. Gonderten | ISTANBUL, TURKEY

Isolated unilateral and bilateral internuclear ophthalmoplegia due to ischemic stroke
P. Oroz, I. Szócs, G. Varallyay, G. Rudas, D. Bereczki, I. Vastagh | BUDAPEST, HUNGARY

Cognitive and behavioral deficiency after bilateral thalamic infarct due to occlusion of the artery of Percheron
B. Özkara, H. Kaya, S. Mulayim, H. Efendi | KOCAELI, TURKEY

Gamma aminobutyric acid receptor antagonist promotes functional neurological recovery after permanent distal middle cerebral artery occlusion in rats
M. Pace, L. Facchin, A. Adamantidis, P. Machado, D.M. Hermann, C. Bassetti | 1BERNE, SWITZERLAND, 2FRANCE, 3ESSEN, GERMANY

Emotional and cognitive changes in stroke patients
I. Severyn | KHARKOV, UKRAINE

Association of lipoprotein subfractions with arterial stiffness in acute ischemic stroke
P. Šiarnik, Z. Čarnická, K. Klobucnikova, B. Kollár, I. Žitňanová, P. Turcani | BRATISLAVA, SLOVAKIA

Improved post-ischaemic stroke recovery over 1 year with Escitalopram for 3 months
A. Jurcau, A. Simion | ORADEA, ROMANIA

Admission glucose levels affect stroke outcome after mechanical thrombectomy

Recanalisation after revascularisation therapy in acute cardioembolic ischemic stroke
S. Sousa, A. Sousa, G. Nunes, G. Galego, M. Mariano, A. Fior, C. Sousa, A. Paiva Nunes | 1CASCAIS, 2LISBON, PORTUGAL

Predictors of functional outcome at 3 months after cardioembolic ischemic stroke
S. Sousa, A. Sousa, G. Nunes, G. Galego, M. Mariano, A. Fior, C. Sousa, A. Paiva Nunes | 1CASCAIS, 2LISBON, PORTUGAL

Influence of intravenous thrombolysis on long-term excellent functional outcome in ischemic stroke patients
**POSTER SESSIONS**

**MONDAY, 30 MAY**

**POSTER SESSION COGNITIVE NEUROLOGY/NEUROPSYCHOLOGY 3**

12:30-13:15 | SCREEN A3

**CHAIRPERSON**

Laszlo Csiba, Debrecen, Hungary

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**P 31036** Stroke, atrial fibrillation and anticoagulation - fights with the mortar

M. H. Strothjohann, F. Weber | Bad Camberg, Germany

**P 31037** Treatment of atrial fibrillation in dementia patients

A. Subić1, S. Garcia-Ptacek2, P. Čermákavá3, M. Gregoric Kramberger4, B. Winblad5, M. E. Eriksdotter5 | Ljubljana, Slovenia, Stockholm, Sweden

**P 31038** Factor affecting functional outcome after endovascular recanalisation in wake-up stroke

S. M. Sung1, T. H. Lee1, S. W. Lee2 | Busan, Yangsan, Republic of Korea

**P 31039** Neurosonology for the diagnosis of stroke in isolated acute vestibular syndromes


**P 31040** Emotional and behavioural impairment: think about stroke

L. Tesolin | Trieste, Italy

**P 31041** Thickening of liquids reduces aspiration risk in acute stroke patients

J. Zaborski, A. Czernuszenko | Warsaw, Poland

**P 31042** Abstract cancelled

**P 31043** Location of the ischemic lesions and severity of the physical disability have influence on cognitive impairment after stroke

K. Ovcar, J. Potocnik, M. Menih, T. Seruga, M. Rakusa | Maribor, Slovenia

**P 31044** Could CGRP expression be useful as a serum biomarker indicating the inverse incidence of Alzheimer’s disease versus a specific subtype of breast cancer?


**P 31045** Neuropsychological tests for multiple sclerosis: validation of a battery for the Portuguese population

M. J. Sa1, M. Neves2, C. Sousa3, A. M. Passos2, A. Ferreira1 | Porto, Lisbon, Portugal

**P 31046** Normalisation of timed neuropsychological tests with the use of dysarthria and upper limbs performance tests

T. Castabile, F. Abate, A. Liguori, F. Paciello, G. de Michele, A. Filla, F. Sacca | Naples, Italy

**P 31047** Montreal Cognitive Assessment (MoCA) in the detection of cognitive dysfunction in multiple sclerosis


**P 31048** Assessment of the visuospatial gnosis: using computer method of 3D rotating object recognition

I. Shvetsova, S. Brakk, E. Mozheiko, S. Prokopenko | Krasnoyarsk, Russian Federation

**P 31049** Dementia rating scale in differentiating multiple system atrophy, progressive supranuclear palsy and dementia with Lewy bodies

S. Skelina, M. Petrova, R. Pavlova, S. Mehrabian, L. D. Traykov | Sofia, Bulgaria

**P 31050** Pathogenetic aspects of cognitive disorders in type 2 diabetes mellitus

O. Tovazhnyanska, I. Bezuglova, N. Nekrasova, O. Markovska | Kharkiv, Ukraine

**P 31051** The investigation of cognitive impairment in young adults with substance use disorders

T. Unal, D. Aykol Unal | Izmir, Turkey

**P 31052** Gray and white matter damage differently correlated with cognition in adult multiple sclerosis patients with different age of disease onset

L. Vacchi1, M. A. Rocca2, B. Colombo1, M. Rodegher1, L. Moiola1, A. Ghezzi1, G. Comi1, A. Falini1, M. Filippi2 | Gallarate, Italy

**P 31053** Abstract cancelled

**P 31054** Ceramide and neuropsychiatric symptoms in Parkinson’s disease with cognitive impairment

Y. Xing | Beijing, China
P 31055  The relation between Ala16Val polymorphism (MnSOD gene) and oxidative stress in epilepsy
A. Kegler1, R. Scalco2, A. Cardoso3, F. Haupenthal1, E.T. Pascoini1, J. Arend1, P. Gabbi1, I. Cruz1, M.M. Duarte1, L.F. Rayes1, M.R. Fighera1 1SANTA MARIA, BRAZIL, 2LONDON, UK

P 31056  Neurosarcoidosis, a chameleon for low grade glialoma: a case report and literature review
P. Shanmugarajah, M. Vinjam, D. Warren, E. Wright, P. Chumas, M. Maguire 1LEEDS, UK

P 31057  Palinopsia as an atypical manifestation of LGI1 antibody-associated limbic encephalitis: a case report
E. Stach, J. Biberon, B. de Toffol 1TOURS, FRANCE

P 31058  Visual field defects in epilepsy patients treated with temporal lobe resection
A.T. Steensberg1, A.S. Olsen1, M.H. Litman1, E. Holm1, T. Kjaer2, B. Jespersen1, M. Kalko1, L.H. Pinborg1 COPEHAGEN, 2ROSKILDE, DENMARK

P 31059  Seizures and epilepsy in the aging population
H. Stefan 1ERLANGEN, GERMANY

P 31060  Abstract cancelled

P 31061  Analysis of predictive values of historical data in evaluation of patients with first transient loss of consciousness
A. Stojanov, M. Spasic, Z. Peric, S. Luke 1NIŠ, SERBIA

P 31062  Acute systemic inflammatory response syndrome in status epilepticus
S. Szkliener, A. Korchut, M. Godke, K. Rejdak 1LUBLIN, POLAND

P 31063  Forced normalisation: an overlooked entity in epileptic patients
A. Topkan, S. Bilen, A.P. Titiz, E. Eruyar, F. Ak 1ANKARA, TURKEY

P 31064  Abstract cancelled

P 31065  Abstract cancelled

P 31066  Acute ischemic stroke in status epilepticus – underestimated? Results from an 8-year cohort study

P 31067  Efficacy of eslicarbazepine acetate versus controlled-release carbamazepine as monotherapy in patients with newly diagnosed partial-onset seizures
E. Trinka1, P. Kowacs2, E. Ben-Menachem3, C.E. Elger4, J. Moreira5, R. Pinto5, F. Ikedo5, A. Pereira5, J.F. Rocha5, P. Soares-Da-Silva5 1SALZBURG, AUSTRIA, 2CURITIBA, BRAZIL, 3GOTHENBURG, SWEDEN, 4BONN, GERMANY, 5CORONADO, PORTO, PORTUGAL

P 31068  Onabotulinumtoxin A in chronic migraine beyond first year. Real-life data in 115 patients
I. Aicua-Rapun1, E. Martínez Velasco2, A. Hernando1, M. Ruiz Piñero2, A. Carreres2, E. Porqueres3, S. Herrera, Á.L. Guerrero2, A. Iglesias1 1BURGOS, 2VALLADOLID, SPAIN

P 31069  Abstract cancelled

P 31070  Communication of results of the employment of onabotulinumtoxin A in chronic migraine
M. Altuna, M. Martin Bujanda, M.C. Navarro 1PAMPLONA, SPAIN

P 31071  Angiotensin II Type 2 receptor antagonist EMA401 for the treatment of pain in patients with chemotherapy-induced peripheral neuropathy: efficacy and nerve biomarkers in skin biopsies
P. Anand, R. Privitera, Y. Yiangou, P. Misra 1LONDON, UK

P 31072  Primary nasal pain
A. Arbex Bassols, M. Villa López, A. Perez Rodriguez, M. Rosón González, P. Pire García, L. Vela Dosojo, J. Pareja Grande 1MADRID, SPAIN

P 31073  Reduced medication use with sphenopalatine ganglion (SPG) stimulation for cluster headache: 24-month long-term follow-up results from the Pathway CH-1 study
M. Bartoševi, R. Jensen2, J.M. Lainez2, C. Gaul3, J. Schoenen2, A. Goodman4, A. Caparso5, A. May5, T. Jürgens5 1COPEHAGEN, 2GLOSTRUP, DENMARK, 3VALENCIA, SPAIN, 4KÖNIGSTEIN, 5HAMBURG, 6ROSTOCK, GERMANY, 7LIEGE, BELGIUM, 8REDWOOD CITY, USA
Women with chronic and episodic migraine exhibit similar widespread pressure pain sensitivity
M. Palacios-Ceña1, J. Baron Sanchez2, L. Florencio4, G. Ferracini4, Á.L. Guerrero Perali, C. Ordás-Bandera3, C. Fernández-de-Las-Peñas1 | MADRID, SPAIN, 1MOSTOLES, SPAIN, 2SÃO PAULO, BRAZIL
P 31075 Epicrania fugax combining forward and backward paroxysms in the same patient: the first three cases
J. Baron Sanchez1, A. Gutierrez2, M. Ruiz Piñero1, A. Perez2, Á.L. Guerrero Perali, M.L. Cuadra1 | VALLADOLID, MADRID, SPAIN
P 31076 Topographical pressure pain sensitivity maps over the head are different in migraine patients compared with health controls
J. Baron Sanchez1, M. Palacios-Ceña2, M. Ruiz Piñero1, M. de Lera1, Á.L. Guerrero Perali1, P. Madeleine1, C. Fernández-de-Las-Peñas1 | VALLADOLID, MADRID, SPAIN, 1AALBORG, DENMARK
P 31077 Onabotulinumtoxin A in chronic refractory migraine: a pilot study
A. Bartkova, P. Otruba, V. Sladkova, J. Zapletalova, P. Hlustik, P. Kanovsky | OLOMOUC, CZECH REPUBLIC
P 31078 The prevalence of chronic headache in people with constitutional phlebopathy
P 31079 The effectiveness of acupuncture in cluster headache: the first randomised patient/assessor blinded, controlled sham study
A. Bougea, N. Spantideas, M. Karavis, M. Fili, E. Anagnostou, L. Gkika, T. Thomaidis, E. Kararizou, I. Evdokimidis | ATHENS, GREECE
P 31080 Effectiveness and impact on life quality of capsaicin 8% patch in patients with lumbosacral pain: an open-label study
P. Zis1, N. Bernali2, F. Argira1, I. Siafaka1, A. Vadalouka1 | SHEFFIELD, UK, 2THIVA, 3ATHENS, GREECE
P 31092  Validation of the Lancet Consensus score for the diagnosis of tuberculous meningitis in a population of meningitis in Qatar
Y.Z.B. Imam, P. Chandra, H. Ahmadullah, M. Almaslamani, A. Alkhal, D. Deleu  I DOHA, QATAR

P 31093  Validation of Thwaite’s diagnostic score for the diagnosis of tuberculous meningitis in a population of meningitis in Qatar
Y.Z.B. Imam, H. Ahmadullah, P. Chandra, M. Almaslamani, A. Alkhal, D. Deleu  I DOHA, QATAR

P 31094  Abstract cancelled

P 31095  Breast cancer susceptibility in patients with spinal bulbar muscular atrophy: a case report
I. Martinelli1, E. Da Re1, G. Querin2, C. Bertolin1, E. Pegoraro1, M. Pennuto3, V. Guarnieri2, G. Sorarù1  I 1PADUA, 2MILAN, ITALY

P 31096  Stratokineti...
P 31110  Opicapone’s onset and stabilisation of treatment effects in Parkinson’s disease patients with motor fluctuations
A. Lees1, J. Ferreira2, H. Reichmann3, E. Tolosa4, A. Santos5, C. Oliveira1, I. Oliveira3, N. Lopes3, J.F. Rocha5, P. Soares-Da-Silva1; 1LONDON, UK, 2LISBON, PORTUGAL, 3DRESDEN, GERMANY, 4BARCELONA, SPAIN

P 31111  Neurological manifestations of Wilson disease in Belarus
I. Pliashko, S. Likhachev; MINSK, BELARUS

P 31112  Paroxysmal non-kinesigenic dyskinesia with dysphonia alleviated by carbamazepine
N. Løkken, L.E. Hjermind, J. Vissing; COPENHAGEN, DENMARK

P 31113  Efficacy of opicapone in Parkinson’s disease patients with motor fluctuations at different stages of symptom progression
N. Lopes1, J. Ferreira2, A. Lees3, W. Poewe4, H. Reichmann5, A. Santos1, C. Oliveira1, J.F. Rocha1, P. Soares-Da-Silva1; 1LONDON, UK, 2LISBON, PORTUGAL, 3DRESDEN, GERMANY, 4INNSBRUCK, AUSTRIA, 5DRESDEN, GERMANY

P 31114  Analysis of impulse control disorders in phase III studies of opicapone in Parkinson’s disease patients with motor fluctuations
N. Lopes1, J. Ferreira2, A. Lees3, T. Müller4, H. Reichmann5, H. Gama1, A. Santos1, C. Oliveira1, J.F. Rocha1, P. Soares-Da-Silva1; 1LONDON, UK, 2LISBON, PORTUGAL, 3DRESDEN, GERMANY

P 31115  Effect of vibration on motor performance: a new intervention to improve Bradykinesia in Parkinson’s disease?
A. Macerollo, C. Palmer, T. Foltynie, P. Korlipara, P. Limousin, M. Edwards, J. Kilner; COPENHAGEN, DENMARK

P 31116  Myoclonus-dystonia syndrome, obsessive-compulsive disorder and epilepsy: another plus in a dystonia-plus syndrome?

P 31117  Novel PLA2G6 c.1627C>T homozygous mutation and response to DBS–GPI
A.D. Magalhães1, L. Guedes1, M.V.S. Coelho1, T. Teodoro1, A.F. Valadas1, H. Carvalho1, B. Cattoni2, J. Ferreira1; 1LISBON, PORTUGAL

P 31118  Direct comparisons for botulinum neurotoxins in movement disorders
R. Maggio, S. Lalli, A. Albanese; MILAN, ITALY

P 31119  Dopamine receptor genes polymorphisms: a risk factor for developing dyskinesia in Parkinson’s disease
L. Magistrelli1, M. Ferrari2, F. de Marchi2, F. Marino2, G.D. Oggioni1, M. Carocchi1, G. Riboldazzi2, G. Bono2, M. Cosentino2, R. Cantello2, C. Comi2; NOVARA, VARESE, ITALY

P 31120  The effect of improved nutritional status on psychiatric features and quality of life in Parkinson’s disease patients
N. Ongun, C. Erdogan, E. Degirmenci, L.S. Bir; DENIZLI, TURKEY

P 31121  Treatment of OFF episodes in Parkinson’s disease: an evaluation of patient and caregiver insights
E. Pappert1, N. Degruyther2; 1SAN ANTONIO, USA, 2TORONTO, CANADA

P 31122  Treatment of OFF episodes in Parkinson’s disease: an evaluation of physician practices
E. Pappert1, A. Agro2, N. Degruyther2; 1SAN ANTONIO, USA, 2TORONTO, CANADA

P 31123  Oral sublingual apomorphine film (APL-130277) produces no buccal mucosal irritation: results of a toxicological study
E. Pappert1, B. Dzyngel2, T. Bilbault2, A. Agro2; 1SAN ANTONIO, USA, 2TORONTO, CANADA

P 31124  Late onset atypical Pantothenate-Kinase associated neurodegeneration with homozygous PANK2 mutation in three Sardinian siblings
R. Piredda, E. Sechi, A. L. Rassu, A. Addis, D. Urso, C. Fois, R. Ortu, G. Sechi; SASSARI, ITALY

P 31125  Abstract cancelled

P 31126  Additional gait impairment by the presence of peripheral nerve disease in pediatric patients with hereditary spastic paraplegia
I. Pulido-Valdeolivas1, D. Gómez Andrés1, J.A. Martín-Gonzalo1, I. Rodriguez-Andonaegui1, J. López-López2, S.I. Pascual Pascual2, E. Rausell2; 1SAN SEBASTIÁN DE LOS REYES, SPAIN

P 31127  Is there a relationship between non–motor symptoms and main indicators of Parkinson’s disease (stage, form, duration)?
E. Rabadianova, Z. Goncharova, M. Gelpey; ROSTOV-ON-DON, RUSSIAN FEDERATION
P 31128  Segawa disease: a clinical study of eight Tunisian patients
A. Riahi, M. Messelmani, I. Bedoui, H. Derbal, M. Mansour, J. Zouaui, R. Mrissa  I TUNIS, TUNISIA

P 31129  Wilson’s disease associated with immotile cilia syndrome: a case report
M. Romoli, N. Tambasco, P. Prontera, E. Nardi, C. Clerici, P. Calabresi  I PERUGIA, ITALY

P 31130  Abstract cancelled

P 31131  Providing PD treating doctors much better disease status data: our measurement of typing cadence provides great data and enables treating doctors to evaluate changes in disease management. We will show data on actual patients
J. Samzelius  I SAN FRANCISCO, USA

P 31132  Opicapone’s safety in Parkinson’s disease patients with motor fluctuations: results of the 1-year extension of study BIPARK I
A. Santos1, J. Ferreira2, A. Lees3, F. Stocchi4, O. Rascol5, N. Lopes1, H. Gama1, J.F. Rocha1, P. Soares-Da-Silva1  I 1CORONADO (S. ROMÃO E S. MAMEDE), 2LISBON, PORTUGAL, 3LONDON, UK, 4ROME, ITALY, 5TOULOUSE, FRANCE

P 31133  Daclizumab HYP efficacy on disease outcome measures using an expanded definition of highly active relapsing-remitting multiple sclerosis: results from SELECT and DECIDE
G. Giovannoni1, T. Ziemsassen2, W. Ma2, S. Fam3  I LONDON, UK, 1ORESSEN, GERMANY, 2CAMBRIDGE, USA

P 31134  Liver Transaminase Elevations in the DECIDE study of daclizumab HYP versus intramuscular interferon beta-1a
S. Fam1, P. McCroskery1, W. Ma1, L. Chiodo2, G. Sabatella1  I 1CAMBRIDGE, 2NORTH CHICAGO, USA

P 31135  Assessment of 2015 neuromyelitis optica criteria in Rouen university hospital
L. Fechtenbaum1, R. Marignier2, R. Lefaucheux1, F. Le Goff1, J. Gueudry1, D. Maltete1, B. Bourre1  I ROUEN, LYONS, FRANCE

P 31136  Observational, retrospective study to characterise patients with RRMS and long-term treatment with sc interferon (IFN) beta 1-a
J.R. Ara1, S. Martínez-Yélamos2, A. Saiz2, A. Escartín2, E. Munteis2, M.A. Hernández2, L. Midaglia2, M. Arias3, Y. Aladro4, C. de Andrés5, J.A. García Merino6, X. Olascoaga1, B. Casanova1, A. Roque2, L. Brieva2, A. Rodriguez-Antiguedad3, D. Muñoz4, Q. Fernandez4  I 1SARAGOSSA, 2BARCELONA, 3SANTA CRUZ DE TENERIFE, 4VIGO, 5SANTIAGO DE COMPOSTELA, 6MADRID, 7GIPUZKOA, 8VALENCIA, 9LÉRIDA, 10VIZCAYA, 11MALAGA, SPAIN

P 31137  Neural cell adhesion molecules in acute optic neuritis: relation to clinical and paraclinical findings
J.L. Frederiksen 1, K. Farooq1, S. Gnanapavan 2  I 1COPENHAGEN, DENMARK, 2LONDON, UK

P 31138  Long-term efficacy of teriflunomide in patients recently diagnosed with relapsing forms of MS
M. Freedman1, G. Comi3, A. Miller4, J. Wolinsky5, J. Oh6, K. Thangavelu1, P. Truffinet7, L. Kappos8  I 1OTTAWA, 2TORONTO, CANADA, 3MILAN, ITALY, 4NEW YORK, 5HOUSTON, 6CAMBRIDGE, USA, 7CHILLY-MAZARIN, FRANCE, 8BASEL, SWITZERLAND

P 31139  A retrospective analysis of efficacy in McDonald 2010 multiple sclerosis (MS) patients in the ORACLE-MS study
M. Freedman1, T. Leist2, G. Comi6, B.A.C. Cree 3, P.K. Coyle4, H.-P. Hartung7, P. Vermersch8, D. Damian5, F. Dangond5  I 1OTTAWA, CANADA, 2PHILADELPHIA, 3SAN FRANCISCO, 4STONY BROOK, 5BILLERICA, USA, 6MILAN, ITALY, 7DÜSSELDORF, GERMANY, 8LILLE, FRANCE

P 31140  Number needed to treat analysis comparing teriflunomide with injectable and oral disease-modifying therapies in relapsing multiple sclerosis
M.S. Freedman 1, A.E. Miller 2, K. Thangavelu 3, S. Hass3, T.P. Leist4  I 1OTTAWA, 2NEW YORK, USA, 3CAMBRIDGE, USA, 4PHILADELPHIA, USA

P 31141  INSPIRATION-MRI: standardized acquisition and centralised quantitative reading of MRI scans of RRMS patients in German daily clinical practice
A. Gass1, J. Gregor2, S. Hoffmann2, A. Fuchs3, C. Cornelissen3  I 1MANNHEIM, 2HEIDELBERG, 3NUREMBERG, GERMANY

P 31142  Quality of life in carers of patients with relapsing-remitting multiple sclerosis: a pilot study
D. Gigineishvili, M. Kareli, A. Tevzadze, S. Karakov, M. Kiziria, A. Tsiskaridze, R. Shakarishvili  I TBILISI, GEORGIA
P 31143  Brain health: time matters in multiple sclerosis – developmental process and objectives of international consensus policy recommendations
1LONDON, 2PLYMOUTH, 3LEEDS, UK, 4PARKVILLE, AUSTRALIA, 5NEW YORK, 6NEW BRUNSWICK, 7AURORA, USA, 8MULHOUSE, FRANCE, 9GENOA, ITALY, 10BRUSSELS, BELGIUM, 11VANCOUVER, CANADA

P 31144  Improvements in patient-reported treatment satisfaction with teriflunomide: preliminary results from the European, Latin American, and Canadian cohorts enrolled in the Teri-PRO Phase 4 study
R. Gold1, C. Laganke2, B. Khatri3, K. Edwards4, S. Cavalier5, S. Brette7, P. Rufi8, P. Coyle6  
1BOCHUM, GERMANY, 2CULLMAN, 3MILWAUKEE, 4LATHAM, 5CAMBRIDGE, USA, 7BOULOGNE-BILLANCOURT, 8CHILLY-MAZARIN, FRANCE

P 31145  CONFIDENCE: Phase IV study to evaluate medication satisfaction with glatiramer acetate 40mg/ml three-times weekly versus once-daily glatiramer acetate 20mg/ml in patients with RMS
A. Grinspan1, S.K. Gandhi1, G.R. Cutter2, M. Copetti3, D. Kormann1, A. Veneziano4  
1FRAZER, 2BIRMINGHAM, USA, 3SAN GIOVANNI ROTONDO, 4MILAN, ITALY

P 31146  Reversibility of Natalizumab effects on peripheral immune cell dynamics in patients with multiple sclerosis (MS)
T. Playing1, K.K. Muralidharan1, G. Kuesters1, D. Milošić1, K. Evans1, M. Subramaniam1, I. Nestorov1, Y. Chen1, P.-R. Ho1, D. Amarante1, J. de Seze6, R. Fox3, R. Gold4, D. Jeffery1, L. Kappos1, B. Weinstock-Gutman6, H.-P. Hartung6, B. Cree4  
1CAMBRIDGE, 2CLEVELAND, 3MOORESVILLE, 4SAN FRANCISCO, USA, 5STRASBOURG, FRANCE, 6BOCHUM, 7DÜSSELDORF, GERMANY, 8BASEL, SWITZERLAND, 9BARCELONA, SPAIN

P 31147  Working memory and its relationship with the mood level in patients with multiple sclerosis
E. Tyburski, A. Potemkowski, A. Soltys, M. Chęć, A. Samochowiec  
I SZCZECIN, POLAND

P 31148  Executive dysfunctions differ between secondary progressive and primary progressive MS
E. Tyburski, A. Potemkowski, A. Soltys, M. Chęć, A. Samochowiec  
I SZCZECIN, POLAND

P 31149  Comparison of MRI criteria for the diagnosis of multiple sclerosis: role of cortical lesions
P. Preziosa1, M.A. Rocca1, S. Mesaros1, M. Copetti1, A. Rovira1, J. Sastre-Garriga1, J. Drulovic1, A. Droby2, F. Zipp3, M. Calabrese3, M. Filippi1  
1MILAN, 2SAN GIOVANNI ROTONDO, 3VERONA, ITALY, 4BELGRADE, SERBIA, 5BARCELONA, SPAIN, 6MAINZ, GERMANY

P 31150  Anti-myelin antibodies in demyelinating disorders – a search for disease biomarkers
K. Prus, E. Belniak, K. Mitosek Szewczyk, K. Rejdak  
I LUBLIN, POLAND

P 31151  Gait performance gets closer to normalcy after a 15-day course of fampridine in patients with primary progressive multiple sclerosis
I. Pulido-Valdeolivas, I. GonzoÁnd-AndIÁnez, J.A. Martín-Gonzalo, I. Rodríguez-Andonaegui, C. Oreja-Guevara, E. Rausell  
I MADRID, SPAIN

P 31152  Transcranial sonography of subcortical structures in patients with multiple sclerosis
P. Pug, A. Lasek-Bal  
I KATOWICE, POLAND

P 31153  Characterisation of NMO spectrum disorders in an Italian cohort of patients
I MILAN, ITALY

P 31154  Clinical spectrum of multiple sclerosis and response to treatment in south Indian population
B. Rangappa Munirathnam, J. Marimuthu, U.M. Elumalai  
I CHENNAI, INDIA

P 31155  A case of very late onset neuromyelitis optica spectrum disease
M. Reis Costa, P. Alves, T. Teodoro, P. Antunes, L. Albuquerque  
I LISBON, PORTUGAL

P 31156  Whole brain and gray matter atrophy are correlated to long-term disability progression in multiple sclerosis patients
I MÁLAGA, SPAIN

P 31157  Interim analysis of the non-interventional study REBIFLECT: adherence to subcutaneous interferon β-1a in patients using RebiSmart®-logged data and their reflection in doctor–patient interviews
1BAMBERG, 2DRESDEN, 3DÜSSELDORF, 4HAMBURG, 5DARMSTADT, 6ROSTOCK, GERMANY

POSTER SESSION MS AND RELATED DISORDERS 12 12:30-13:15 | SCREEN F2
CHAIRPERSON: Paolo Preziosa, MILAN, ITALY

P 31143  Reversibility of Natalizumab effects on peripheral immune cell dynamics in patients with multiple sclerosis (MS)
T. Playing1, K.K. Muralidharan1, G. Kuesters1, D. Milošić1, K. Evans1, M. Subramaniam1, I. Nestorov1, Y. Chen1, P.-R. Ho1, D. Amarante1, J. de Seze6, R. Fox3, R. Gold4, D. Jeffery1, L. Kappos1, B. Weinstock-Gutman6, H.-P. Hartung6, B. Cree4  
1CAMBRIDGE, 2CLEVELAND, 3MOORESVILLE, 4SAN FRANCISCO, USA, 5STRASBOURG, FRANCE, 6BOCHUM, 7DÜSSELDORF, GERMANY, 8BASEL, SWITZERLAND, 9BARCELONA, SPAIN

P 31147  Working memory and its relationship with the mood level in patients with multiple sclerosis
E. Tyburski, A. Potemkowski, A. Soltys, M. Chęć, A. Samochowiec  
I SZCZECIN, POLAND

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I SZCZECIN, POLAND

P 31149  Comparison of MRI criteria for the diagnosis of multiple sclerosis: role of cortical lesions
P. Preziosa1, M.A. Rocca1, S. Mesaros1, M. Copetti1, A. Rovira1, J. Sastre-Garriga1, J. Drulovic1, A. Droby2, F. Zipp3, M. Calabrese3, M. Filippi1  
1MILAN, 2SAN GIOVANNI ROTONDO, 3VERONA, ITALY, 4BELGRADE, SERBIA, 5BARCELONA, SPAIN, 6MAINZ, GERMANY

P 31150  Anti-myelin antibodies in demyelinating disorders – a search for disease biomarkers
K. Prus, E. Belniak, K. Mitosek Szewczyk, K. Rejdak  
I LUBLIN, POLAND

P 31151  Gait performance gets closer to normalcy after a 15-day course of fampridine in patients with primary progressive multiple sclerosis
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I LISBON, PORTUGAL

P 31156  Whole brain and gray matter atrophy are correlated to long-term disability progression in multiple sclerosis patients
I MÁLAGA, SPAIN

P 31157  Interim analysis of the non-interventional study REBIFLECT: adherence to subcutaneous interferon β-1a in patients using RebiSmart®-logged data and their reflection in doctor–patient interviews
1BAMBERG, 2DRESDEN, 3DÜSSELDORF, 4HAMBURG, 5DARMSTADT, 6ROSTOCK, GERMANY
**P 31158** Evidence of favourable changing course of multiple sclerosis in the last 15 years: a real-world clinical study

**P 31159** Differentiating neuromyelitis optica from multiple sclerosis after optic neuritis: the axon-myelin index
M. Vabanesi, S. Medaglini, S. Guerrieri, G. Di Maggio, M. Pisa, L. Moiola, U. Del Carro, V. Martinelli, G. Comi, L. Leocani I Haarlem, Netherlands

**P 31160** Age at disease onset influences gray matter and white matter damage in adult multiple sclerosis patients
L. Vacchi, M.A. Rocca, B. Colombo, M. Rodegher, L. Moiola, A. Ghezzi, G. Comi, A. Falini, M. Filippi I Gallarate, Italy

**P 31161** Gene HLA DRB1 alleles characterisation of MS patients in Latvian population
L. Vainsteine, G. Gulbe, L. Kovalchka, G. Karelis, J. Egilte, V. Kenina I Riga, Latvia

**P 31162** Post-lumbar puncture headache: a frequent and unpredictable adverse event in multiple sclerosis work up
D. Vecchio, P. Naldi, C. Comi, V. Ferro, M. Leone I Novara, Italy

**P 31163** Treatment-Naïve patients with highly active relapsing–remitting multiple sclerosis at baseline demonstrate continued clinical improvement with alemtuzumab over 5 years: CARE-MS I extension study
P. Vermersch, J. Lycke, V. Limmroth, B. Singer, S. Krieger, D.H. Margolin, K. Thangavelu, R. Berkovitch I Lille, France, Gothenburg, Sweden, Cologne, Germany, St Louis, New York, Cambridge, Los Angeles, USA

**P 31164** Dutch online survey patient reported outcomes (PROs) in MS: improvement medication adherence after switch of daily glatiramer acetate 20mg/ml to 3x per week 40mg/ml
K. Zuurbier, M. Reijis-Scheijgrond, L.H. Visser I Haarlem, Netherlands

**P 31155** Dutch online survey patient reported outcomes (PROs) in MS: modified Morisky scale correlates with real life medication adherence of daily glatiramer acetate 20mg/ml
K. Zuurbier, M. Reijis-Scheijgrond, L.H. Visser I Haarlem, Netherlands

**P 31166** Visual evoked potentials in the study of the visual system in patients with multiple sclerosis

**P 31167** Comorbidity conditions and medication utilisation among paediatric and adult-onset multiple sclerosis patients in England
M. Wenten, N. Everage, N. Payas, T. Soman I Cambridge, USA

**P 31168** Assessment of treatment satisfaction in multiple sclerosis: a review of the literature
Y. Wu, S.K. Gandhi, J. Hobart, G. Cutter, A. Grinspan I Frazer, Birmingham, Weston, USA, Plymouth, UK

**P 31169** Adherence to glatiramer acetate 40mg versus oral disease-modifying therapies for multiple sclerosis
R. Halpern, R. Wolbeck, C. Blauer-Peterson, Y. Wu, S.K. Gandhi I Eden Prairie, Frazer, USA

**P 31170** In patients with RRMS, SC peginterferon beta-1a every 2 weeks demonstrated comparable clinical efficacy to SC interferon beta-1a TIW using a matching-adjusted method
P. Coyle, S. Shang, X. You, C. Castrillo-Viguera, D. Gasparotto, B. Wernberg, D. Fiore I Stony Brook, Cambridge, USA

**P 31171** Intrathecal chitotriosidase as a prognostic marker in multiple sclerosis

**P 31172** Evaluation of patient’s treatment methods using of walking tests during relapse of multiple sclerosis (MS)
G. Zemgulyte, R. Balnyte, K. Petrikonis I Kaunas, Lithuania
COPENHAGEN, DENMARK, 28 – 31 MAY, 2016

POSTER SESSION
MUSCLE AND NEUROMUSCULAR JUNCTION DISEASE 5
12:30-13:15 | SCREEN B4
CHAIRPERSON:
Benedikt Schoser, BERLIN, GERMANY

P 31173 Cardiac safety of multiple doses of bimagrumab (BYM338) in healthy older adults: a randomised, double-blind, phase I study
D. Rooks1, D. Yates1, S. Neelakantham2, J. Buchbjerg3, D. Laurent3, O. Petricoul3, E. Svensson1 1CAMBRIDGE, USA, 2HYDERABAD, INDIA, 3BASEL, SWITZERLAND

P 31174 Homozygosity of the sodium channel myotonia SCN4A gene and intra familial phenotypic variability
M. Schahrazede Linda, M. Samira  I ALGIERS, ALGERIA

P 31175 Abstract cancelled

P 31176 Enzyme replacement therapy with alglucosidase alfa and pregnancy in late-onset Pompe disease
M. Santos, I. Conceicao  I LISBON, PORTUGAL

P 31177 Limb-girdle muscular dystrophy type 2A carrying novel mutations in the human CAPN3 gene (c.559delA)

P 31178 Dantrolene as a possible prophylactic treatment for RYR1-related rhabdomyolysis
R. Scalco1, N. Voermans2, H. Jungbluth1, R. Quinlivan1  I 1LONDON, UK, 2NIJMEGEN (GLD), NETHERLANDS

P 31179 Muscle b-enolase deficiency presenting with different kinetic profiles in muscle tissue
R. Wigley1, P. Scalco1, A. Gardiner1, S. Booth1, S. Chatfield1, R. Godfrey1, R. Kirk1, D. Hilton-Jones2, H. Houlden1, R. Quinlivan1  I 1LONDON, 2OXFORD, UK

P 31180 Chronic inflammatory demyelinating polineuropathy. The RareBOX.org project: where the patient meets himself
E. Schirinzì1, C. Lucchesi1, E. Giorli1, D. Cocito1, E. Nobile-Orizio1, G. Sinigliano1, M. Marra  I PISA, TURIN, MILAN, LECCE, ITALY


P 31182 Treating anti-MuSK myasthenia gravis
V. Serban  I PHILADELPHIA, USA

P 31183 Potential role of BAFF and TNFxα in the course of myasthenia gravis
E. Sobieszczyk, J. Kubiszewska, M. Lipowska, P. Szczudlik, B. Szyluk, M. Dutkiewicz, A. Koster-Kruszczynski  I WARSAW, POLAND

P 31184 The number of CTG repeat is correlated with the accumulation of visceral fat in myotonic dystrophy type 1
H. Takada, S. Kon, Y. Oyama, T. Kimura, F. Nagahata  I AOMORI, JAPAN

POSTER SESSION
NEUROGENETICS 3
12:30-13:15 | SCREEN F4
CHAIRPERSON:
David Lynch, LONDON, UK

P 31185 A novel mutation in the CISD2 gene causing Wolfram Syndrome with neurological impairment
C. Delorme1, C. Rouzier2, C. Azuar1, A. Chaussenot 2, Y. Samson1, G. Challe1, K. Fragaki2, D. Dormont1, V. Serre1, M. Catala1  I 1PARIS, 2NICE, FRANCE

P 31186 Cerebrovascular disease with and without deformations of the cerebrovascular vessels and gene - (rs 2010963) vascularendothelial growth factor - S634G VEGFA
S. Khudayarova, K. Khalimova, G. Rakhmatullaev1  I 1PHENOM, TASHKENT, UZBEKISTAN

P 31187 Clinical and pathogenetic structure of gene-gene interactions of MMP3, MMP9 and C634G VEGFA genes in cephalic patients with and without deformations of cerebrovascular vessels
S. Khudayarova, G. Rakhmatullaeva, K. Khalimova  I TASHKENT, UZBEKISTAN
POSTER SESSIONS

MONDAY, 30 MAY
12:30 - 13:15

P 31188 Gene delivery to oligodendrocytes re-establishes gap junctions and rescues a hypomyelinating leukodystrophy model
E. Georgiou\textsuperscript{1}, A. Kagiava\textsuperscript{1}, K. Sidiropolou\textsuperscript{1}, J. Richter\textsuperscript{1}, I. Sargianniou\textsuperscript{1}, C. Papanoptyou\textsuperscript{1}, G. von Jonquieres\textsuperscript{1}, C. Christodoulou\textsuperscript{1}, M. Klugmann\textsuperscript{2}, K. Kleopa\textsuperscript{1} | NICOSIA, CYPRUS, \textsuperscript{2}HERAKLION, GREECE, \textsuperscript{2}SYDNEY, AUSTRALIA

P 31189 Abstract cancelled

P 31190 Report of a family with a benign phenotype of SPG11
F. Ladeira, P. Esperança, T. Lampreia | LISBON, PORTUGAL

P 31191 Late-onset cerebellar ataxia: don’t forget SCA 17
A. Randall, A. J. Larner | LIVERPOOL, UK

P 31192 Exome sequencing reveals double pathology: MFN2 and COL7A1 gene mutations in the same patient
L. Leonardis, A. Maver, B. Peterlin | LJUBLJANA, SLOVENIA

P 31193 Whole exome sequencing reveals novel NOV and DCAF13 mutations in a Chinese pedigree with familial cortical myoclonic tremor with epilepsy
H. Lin | BEIJING, CHINA

P 31194 Novel biallelic missense mutations in CTC1 gene identified in a Chinese family with cerebroretinal microangiopathy with calcification and cysts (CRMCC)
H. Lin | BEIJING, CHINA

P 31195 A novel EPM2a mutation affecting only the cytoplasmic isoform of laforin leads to late onset and slow progression of Lafora disease with prominent parkinsonism
D. Lynch\textsuperscript{1}, D. Hughes, A. Pittman, H. Houlden | LONDON, UK

P 31196 Further evidence that mutations in AARS2 cause an adult onset leukodystrophy
D. Lynch\textsuperscript{1}, W.J. Zhang\textsuperscript{1}, R. Lakshmanan\textsuperscript{1}, R. Phadke\textsuperscript{1}, I. Davagnanam\textsuperscript{1}, H.A. Hanağişi\textsuperscript{2}, A. Bhattacharjee\textsuperscript{1}, H. Wilson\textsuperscript{1}, N.C. Fox\textsuperscript{1}, H. Houlden\textsuperscript{1} | LONDON, UK, \textsuperscript{2}ISTANBUL, TURKEY

P 31197 C9ORF72 hexanucleotide repeat expansion in ALS patients from Russia
E. Lysogorskaia, N. Abramycheva, M. Stepanova, M. Zakharova, S. Illarioshkin | MOSCOW, RUSSIAN FEDERATION

POSTER SESSIONS
NEUROIMMUNOLOGY 3
12:30-13:15 | SCREEN H2

CHAIRPERSON
Frank Leyboldt, HAMBURG, GERMANY

P 31198 Results of a multicentre, non-interventional study (NIS) on the long-term tolerability of octagam® 5% in neurologic indications in Germany
A. Debes, C. Lietz, S. Tascou | LANGENFELD, GERMANY

P 31199 First case of anti SOX-1 (AGNA) paraneoplastic antibodies positive, seronegative, neuromyelitis optica in an elderly woman
M. Turk\textsuperscript{1}, M. Klarendic\textsuperscript{2}, T. Rus\textsuperscript{2}, B. Meglic\textsuperscript{2}, U. Rot\textsuperscript{2} | NOVO MESTO, SLOVENIA, \textsuperscript{2}LJUBLJANA, SLOVENIA

P 31200 Faciobrachial dystonic seizures. The importance of thinking about autoimmunity
T. Liaño Sanchez, M.E. García García, B. Parejo Carbonell, B. Abarrategui, I. Garcia Morales | MADRID, SPAIN

P 31201 Borreliosis and associated autoimmunity
J. Lisš, J. Ďurovská, J. Pancák, G. Timarova, L. Lisý | BRATISLAVA, SLOVAKIA

P 31202 Myasthenia gravis: diagnostic and therapeutic aspects in Ukraine
R. Lamak, V. Pashkovskiy | DNEPROPETROVSK, UKRAINE

P 31203 Coexistence of onconeural antibodies anti-Hu and anti-Yo in a patient with small-cell lung carcinoma

P 31204 Response to therapeutic plasma exchange in central nervous system inflammatory diseases: multiple sclerosis and autoimmune encephalitis

P 31205 Aseptic meningitis as a rare manifestation of neuro-Behçet’s disease: long-term follow-up of six patients
A.N. Ozdag Acarli, T. Gunduz, S. Ala, G. Akman Demir, M. Kürtüncü | ISTANBUL, TURKEY

P 31206 Humoral response against myelin associated glycoprotein in Parkinson’s disease reflects oligodendroglial degeneration
E. Papuc, K. Rejdak | LUBLIN, POLAND
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<th>Posters</th>
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<th>Authors</th>
<th>Affiliations</th>
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<tr>
<td>P 31207</td>
<td>Sjogren Syndrome presenting as autoimmune non-vasculitic meningoencephalitis (NAIM) and sensory ganglionopathy</td>
<td>J.P.G.N.T. Peres, A.H. Valverde</td>
<td>ALCABIDECHE, AMADORA, PORTUGAL</td>
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<tr>
<td>P 31208</td>
<td>Oxysterols, memory lymphocytes and multiple sclerosis: a peculiar team</td>
<td>A. Clotti, A. Mathias, J. Seebach, D.P. Renaud, C. Pat</td>
<td>LAUSANNE, GENEVA, SWITZERLAND</td>
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<td>P 31209</td>
<td>Epidemiological features of paraneoplastic polyneuropathies in cancer patients</td>
<td>Y. Raduta, V. Raduta, V.V. Ponomarev, V. Sushko</td>
<td>BREST, BELARUS</td>
</tr>
<tr>
<td>P 31211</td>
<td>Coexistence of autoimmune diseases and autoantibodies in patients with myasthenia gravis</td>
<td>S. Tamer, H.N. Gunes, E. Gökçal, T. Yeldas</td>
<td>VAN, ANKARA, TURKEY</td>
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<tr>
<td>P 31212</td>
<td>Skull chloroma in a patient with myeloid leukemia and pancytopenia</td>
<td>A.C. Mergeani, O. Rusu, C. Coclitu, A. Ciobotaru, T. Parvu, O.A. Bajenaru, F. Antochi</td>
<td>BUCHAREST, ROMANIA</td>
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<tr>
<td>P 31213</td>
<td>Bilateral facial nerve palsy secondary to administration of nab-paclitaxel</td>
<td>D. Naoumis, I. Spanou, M. Antonopoulou, A. Isaakidou, N. Kentepozidis, E. Kouremenos</td>
<td>Bucharest, Romania</td>
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<tr>
<td>P 31214</td>
<td>Primary dural involvement of multiple myeloma (MM): description of 2 cases</td>
<td>A. Olaskoaga, L. Martinez-Merino, L. Pulido, A. Gorosquieta, M.C. Viguria, E. Erro</td>
<td>Pamplona, Spain</td>
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<tr>
<td>P 31216</td>
<td>Posterior reversible encephalopathy syndrome in pediatric oncology: a four clinical cases</td>
<td>J. Passos, M. Valente, S. Nunes, D. Salgado</td>
<td>LISBON, PORTUGAL</td>
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<td>P 31217</td>
<td>Intramedullary pleomorphic xanthoastrocytoma with anaplastic features: a triple rare entity</td>
<td>C. Rosado Coelho, J. Pimentelli, P. Pereira, L. Roque, J.P. Farias</td>
<td>Setúbal, LISBON, PORTUGAL</td>
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<tr>
<td>P 31218</td>
<td>Dramatic response and prolonged survival after intensive chemotherapy with autologous stem cell transplantation in a case of lymphomatosis cerebri</td>
<td>L. Royer-Perron, C. Houiller, K. Mokthari, D. Leclercq, S. Choquet, A. A1entorn, A. Duran-Pena, K. Hoang-Xuan, A. Gonzalez-Aguilar</td>
<td>Paris, France</td>
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<td>P 31219</td>
<td>Abstract cancelled</td>
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<td>P 31221</td>
<td>Headache in renal cell carcinoma: a possible paraneoplastic symptom?</td>
<td>S. Thissen</td>
<td>Heerlen, Netherlands</td>
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<td>P 31222</td>
<td>Germinoma mimicking lesion of inflammatory etiology on MRI</td>
<td>T. Urbanic Purkart, M. Asslaber, E. Holi, T. Seifert-Held, F. Payer</td>
<td>Graz, Austria</td>
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<tr>
<td>P 31223</td>
<td>Basal ganglia germinoma in adult: a case report</td>
<td>C. Vialatte de Pémille, K. Mokhtari, F. Bielle, C. Alapetite, A. Idbaïb</td>
<td>Paris, France</td>
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<tr>
<td>P 31224</td>
<td>Frontal parafalcine meningioma presenting as parkinsonism</td>
<td>S. Vijayarangam Shanmugam, P. Hart, S. Stapleton, S. Omer</td>
<td>London, UK</td>
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<td>P 31225</td>
<td>Abstract cancelled</td>
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POSTER SESSION
NEURO-OPHTHALMOLOGY/NEURO-OTOLOGY 3
12:30-13:15 | SCREEN H1
CHAIRPERSON:
Eleftherios Papathanasiou, NICOSIA, CYPRUS

P 31226 Assessing rotation and acting forces in vestibular patients during walking and balance tasks with combined motion capture and accelerometers
J. Decker1, C. Pradhan1, T. Brandt#, K. Jahn1, R. Schniepp1
1MUNICH, 2BAD AIBLING, GERMANY

P 31227 Ophthalmologic presentation of CADASIL
J. Martins, J. Serino, V. Carvalho, C. Cunha, J. Martins
1MATOSINHOS, PORTUGAL

P 31228 Regional patterns of brain gray and white matter abnormalities in patients with hereditary optic neuropathies: dominant optic atrophy vs. leber hereditary optic neuropathy
1MILAN, ITALY

P 31229 Disconjugate horizontal eye movements in spinocerebellar ataxia type 3 (SCA3)
A. Novo, C. Duque, J. Ribeiro, J. Castelhano, J.M.G. Lemos
1COIMBRA, PORTUGAL

P 31230 Improvement of visual field with medicinal herbs in normal tension glaucoma: a small open pilot study
T. Okabe
1TOKYO, JAPAN

P 31231 Why and when to refer patients for vestibular evoked myogenic potentials: a critical review
E. Papathanasiou, D. Straumann
1NICOSIA, CYPRUS, 2ZURICH, SWITZERLAND

P 31232 Isolated opsoclonus: a case series
1PARIS, FRANCE

P 31233 Isolated unilateral ptosis due to neurovascular conflict
G. Piccirillo, F. Trojsi, R. Conforti, G. Tedeschi
1NAPLES, ITALY

P 31234 Sensitive assessment of acute optic neuritis by a new digital flicker test
G. Pihl-Jensen, S. Trauzettel-Klosinski, J.L. Frederiksen
1GLOSTRUP, 2TÚBINGEN, GERMANY

POSTER SESSION
NEUROREHABILITATION 3
12:30-13:15 | SCREEN G2
CHAIRPERSON:
Stefan Goliszewski, SALZBURG, AUSTRIA

P 31235 No gender difference on optic coherence tomography in acute optic neuritis
G. Pihl-Jensen, J.L. Frederiksen
1GLOSTRUP, DENMARK

P 31236 Susac’s syndrome - a multidisciplinary approach
M. Reis Costa, T. Teodoro, L.P. Faria de Abreu, P. Alves, L. Albuquerque, P. Antunes
1LISBON, PORTUGAL

P 31237 Computer use aspects in patients with motor disabilities
S. Bostantjopoulou, M. Plotnick, G. Zeilig, A. Gottlieb, R. Kizony, S. Chlomissiou, A. Nichogiannopoulos, Z. Katsarou
1THESSALONIKI, 2ATHENS, GREECE, 3TEL AVIV, ISRAEL

P 31238 Towards a new way for upper limb rehabilitation: a promising combined approach
R.S. Calabrò, A. Naro, M. Russo, A. Cacciola, A. Leo, D. Milardi, P. Bramanti
1MESSINA, ITALY

P 31239 Functional validation of an iPad delivered prism adaptation procedure in healthy young adults
A.S. Champod, G. Haidar, G. Eskes
1WOLFVILLE, 2HALIFAX, CANADA

P 31240 Abstract cancelled

P 31241 Outcome prediction of consciousness disorders in the acute stage based on a complementary motor behavioural tool
K. Diserens
1LAUSANNE, SWITZERLAND

P 31242 Understanding of typed text by patients after stroke and healthy volunteers: does typography matter?
R. Gizatullin, L. Akhmadeeva, L. Nurtdinova, B. Veytsman
1UF, RUSSIAN FEDERATION, 2FAIRFAX, USA

P 31243 Long-term coma-state and the bedrest-syndrome
1SALZBURG, 2VIENNA, AUSTRIA

P 31244 The locked-in-plus-syndrome
1SALZBURG, 2VIENNA, AUSTRIA
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<th>Poster Number</th>
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<th>Authors</th>
<th>Countries/Institutions</th>
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<tr>
<td>P 31245</td>
<td>The impact of proper handling of ARAT zero scores on the heterogeneity of data in rehabilitation studies</td>
<td>A. Guekht1, E. Doppler2, J.C. Vester3, D. Muresanu4</td>
<td>Moscow, Russian Federation, Unterach, Austria, Munich, Germany, Cluj, Romania</td>
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<td>P 31246</td>
<td>Effects of early intervention of swallowing therapy on recovery from dysphagia following stroke</td>
<td>M.H. Harirchian1, J. Bakhtiyari2, P. Sarraf1, N. Nakhostin-Ansari, A. Tafakori2, J. Logemann3</td>
<td>Tehran, Iran, Islamic Republic of, Unterach, Austria, Munich, Germany, Cluj, Romania</td>
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<td>P 31247</td>
<td>SPAsticity in PractiCE (SPACE) – an international, observational study of botulinum toxin type A in spasticity</td>
<td>J. Harriss1, J. Wissel2, O. Simon3, K. Sternberg3, N. Roche4, C. Cantú-Brito4, S. Karpov5</td>
<td>London, Uk, Berlin, Frankfurt am Main, Germany, Garches, France, Mexico City, Mexico, Moscow, Russian Federation, Gothenburg, Sweden</td>
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<td>P 31249</td>
<td>Characteristics of the neuropsychiatric status of patients in the acute phase of combined trauma (CT)</td>
<td>S. Karpov, E. Nazarova, I. Azoidis, A. Apaguni</td>
<td>Stavropol, Russian Federation</td>
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<td>P 31250</td>
<td>Duration and clinical course of post-concussion syndrome in Albania (PCS)</td>
<td>E. Basha, T. Qalliu, B. Zilami, J. Kruja</td>
<td>Tirana, Albania</td>
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<td>P 31251</td>
<td>Abstract cancelled</td>
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<td>P 31252</td>
<td>What are the clinical manifestations of a disabling atlantoaxial subluxation? A descriptive study</td>
<td>H. Huhmar, L. Soinne</td>
<td>Helsinki, Finland</td>
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<tr>
<td>P 31253</td>
<td>The clinical presentation of atlantoaxial subluxation in light of three cases undergoing stabilising surgery</td>
<td>H. Huhmar1, V. Leinonen3, L. Soinne2</td>
<td>Helsinki, Kuopio, Finland</td>
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<td>P 31254</td>
<td>Can occipitoatlantal subluxation cause a spasmodic dysphonia? A case study</td>
<td>H. Huhmar, L. Soinne</td>
<td>Helsinki, Finland</td>
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<tr>
<td>P 31256</td>
<td>FAQ of traumatic brain injury patients: do I really have a chance for a full recovery after TBI?</td>
<td>A. Korchut, S. Sulkiner, M. Majewski, K. Rejda, T. Trojanowski</td>
<td>Lublin, Poland</td>
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<td>P 31257</td>
<td>Indicators of melatonin and brain-specific proteins in patients with mild consequences of traumatic brain injury</td>
<td>V. Korshnyak, O. Korshnyak</td>
<td>Kharkiv, Ukraine</td>
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<td>P 31258</td>
<td>The characteristics of an acute craniocerebral injury, which was caused by explosive wave, in participants of military operations in Eastern Ukraine</td>
<td>V. Korshnyak, V.I. Sukhorukov, Y. Bovt</td>
<td>Kharkiv, Ukraine</td>
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<td>P 31259</td>
<td>Secondary brain ischemia in the postoperative period in patients with traumatic acute subdural hematomas</td>
<td>J. Kuzibaev</td>
<td>Tashkent, Uzbekistan</td>
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<td>P 31260</td>
<td>KPT-350, a selective inhibitor of nuclear export (SINE) compound, reduces primary and secondary injury in core-impact and peri-impact TBI lesions</td>
<td>S. Tamir1, N. Tajiri2, S. Acosta3, Y. Landesman1, M. Lee3, S. Shacham1, C. Borlongan2, C. Drolen</td>
<td>Newton, Tampa, USA</td>
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<td>P 31261</td>
<td>Diagnosis and monitoring with Brainstem Auditory Evoked Potentials (BAEP) in patients with brain concussion</td>
<td>D. Tsakova, K. Genov, A. Shmarov, L.D. Traykov</td>
<td>Sofia, Bulgaria</td>
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POSTER SESSION
PERIPHERAL NERVE DISORDERS 5
12:30-13:15 | SCREEN D2
CHAIRPERSON:
Henry Houlden, LONDON, UK

P 31262  Nerve ultrasound findings in a patient with Charcot-Marie-Tooth (CMT) disease type 4C
A. Felbecker, R. Stark, D. Leupold, T. Hundsberger | ST. GALLEN, SWITZERLAND

P 31263  Parsonage-Turner syndrome or herpes zoster neuritis?
D. Gabriel, P. Salgado, M.N. Cardoso, C. Ramos, A.P. Correia, G. Lopes | PORTO, PORTUGAL

P 31264  IgM MGUS anti-MAG neuropathy can rarely express as distal motor neuropathy
G. Galassi, M. Tondelli, A. Ariatti, P. Nichelli, F. Valzania | MODENA, ITALY

P 31265  The clinical, electrophysiological and morphological peculiarities of atypical chronic inflammatory demyelinating polyneuropathies
E. Gavriliuc | CHISINAU, MOLDOVA

P 31266  CIDP – intravenous immunoglobulin or corticosteroids?
M.G. Giurea Neacsu1, B. Ioan2, M. Burago3, C. Baetu4, I.-H. Cioniceanu5, A.M. Ghitoiu6, A.M. Enachi7 | 1RM. VALCEA, 2TURIN, 3MESSINA, 4GENOA, 5ROME, 6LECCO, ITALY

P 31267  Recurrent facial edema: two new cases of Melkersson-Rosenthal Syndrome
B. Palazon, S. Atienza, J.J. Hernandez | MURCIA, SPAIN

P 31268  Neuropathic pain as a cause of peripheral nerve lesion – clinical and neurosonographic findings
T. Hundsberger | ST. GALLEN, SWITZERLAND

P 31269  Abstract cancelled

P 31270  High dose intravenous immunoglobulin is effective in painfull diabetic polyneuropathy resistant to conventional treatments. Results of a double blind, randomised, placebo-controlled, multicenter trial
S. Jann1, R. Fazio1, D. Cocito2, A. Toscano3, A. Schenone4, G.A. Marfia5, G. Antonini5, L. de Toni Franceschini6, D. Velardo1, M. Grandis1, A. Majeed1, A. Radhakrishnan3 | 1MILAN, 2TURIN, 3MESSINA, 4GENOA, 5ROME, 6LECCO, ITALY

POSTER SESSION
SLEEP DISORDERS 3
12:30-13:15 | SCREEN E1
CHAIRPERSON:
Maria Stamelou, ATHENS, GREECE

P 31272  Subjective symptoms of Carpal Tunnel Syndrome correlate more with psychological factors than electrophysiological severity
F. Khan1, R. Paul2, K.S. Sandhya1, A. Majeed1, A. Radhakrishnan3 | 1THRISSUR, 2COCHIN, 3THIRUVANANTHAPURAM, INDIA

P 31273  The anodal action potential for the assessment of sensory nerve excitability
J. Leote1, P. Pereira2, J. Valls-Sole3 | 1BARCELONA, SPAIN, 2LISBON, PORTUGAL

P 31274  Abstract cancelled

P 31275  A high-density polysomnographic picture of a case of NREM parasomnia
N. Amato1, M. Manconi1, D. D'angio2, S. Miano1, F. Zellini1, M. Abbafati1, L. Ratti1 | 1LUGANO, SWITZERLAND, 2GRENOBLE, FRANCE

P 31276  Sleep-wake functions in advanced Parkinson’s disease: frequency, associations and evolution after deep brain stimulation
P. Bargiotas, M. Oberholzer, J. Mathis, C. Pollo, M. Schupbach, C. Bassetti | BERN, SWITZERLAND

P 31277  Health-related quality of life in patients with narcolepsy type 1 and type 2

P 31278  Altered distribution of nocturnal eye movements in narcolepsy type 1
J.A.E. Christensen, L. Kempfner, H. Leonthin, M.H. Hansen, M. Nikolic, P.J. Jennum | GLOSTRUP, DENMARK

P 31279  Seizure frequency during recent year but not month correlates with quality of sleep, depression, anxiety and quality of life in epilepsy
A. Darabany, L. Gahramanly, T. Stepanyan, N. Yeghiazaryan, S. Khachatryan | YEREVAN, ARMENIA

P 31280  Poor quality of sleep is associated with lower quality of life scores in patients with epilepsy compared to healthy controls
A. Darabany1, H. Amroyan1, L. Gahramanly1, A. Karamyan1, S. Khachatryan1 | 1YEREVAN, ARMENIA, 2SALZBURG, AUSTRIA

P 31281  Prolonged bed rest and hypoxic exposure affect breathing stability and sleep macrostructure
L. Dolenc Groselj, S. Morrison, D. Mirnik, S. Korsic, O. Eiken, I. Mekjavic
1 LJUBLJANA, SLOVENIA, 2 STOCKHOLM, SWEDEN

Clinico-biological characteristics in restless legs syndrome in a population of hemodialysis patients - Role of vitamin C deficiency
J. El Helou, E. Sarkis, E. Khneisser, H. Azar, D. Chelala
BEIRUT, LEBANON

Sleep disturbance in patients with Huntington’s Disease - polysomnography characteristics
E. Feketeova, M. Škorvánek, Z. Gdovinova
KOŠICE, SLOVAKIA

Automatic and visual scorings of REM sleep without atonia for the diagnosis of idiopathic REM sleep behavior disorder
R. Ferri, M. Zucconi, A. Galbiati, F. Rinaldi, L. Ferini Strambi
TROINA, MILAN, BRESCIA, ITALY

Evaluation of worry and rumination in insomnia patients
S. Marelli, M. Linares, A. Galbiati, G.E. Lombardi, V. Castronova, L. Ferini Strambi
MILAN, ITALY

Laterality of the breath holding index assessment
A. Tomek, B. Urbanová, H. Magerová, H. Marková, J. Paulasová Schwabová, P. Jansky, I. Mokrisova, J. Laczó, M. Vyhnalé, J. Hort
PRAGUE, CZECH REPUBLIC

Heterogeneity of dementia associated with Parkinson’s disease
N. Trofimova, I. Preobragenskaya
PERESLAVL, MOSCOW, RUSSIAN FEDERATION

The relationship with silent lacunar infarctions in basal ganglia and clinical features in Alzheimer’s disease
Y. Uchiyama, M. Iwata, H. Hashida, K. Kitagawa
TOKYO, JAPAN

The effect of physical exercise on cerebral blood flow in Alzheimer’s disease
L.A. van der Kleij, E.T. Petersen, H.R. Siebner, J. Hendrikse, K. Frederiksen, N. Sobol, G.S. Hasselbalch, E. Garde
UTRECHT, NETHERLANDS, COPENHAGEN, DENMARK

Comparing longitudinal behaviour changes in the primary progressive aphasias
T. van Langenhove, C. Leyton, O. Piquet, J.R. Hodges
SYDNEY, AUSTRALIA

Insulin-like growth factors in spinal fluids from patients with and without Alzheimer’s dementia
A.S. Vinther, H. Gottrup, J. Frystyk, H. Andersen
AARHUS, DENMARK

Objective monitoring of dysarthria in FTD-MND: a case series
M. Poole, A. Brodtmann, D. Darby, A. Vogel
MELBOURNE, AUSTRALIA

Development of a specialised tool for the assessment of testamentary capacity (TC) in patients with dementia
P. Voskou, I. Beratis, A. Economou, A. Douzenis, S.G. Papageorgiou
ATHENS, GREECE

A sporadic case of early-onset Alzheimer’s disease with spastic paraparesis, cognitive impairment and cerebral white matter lesions due to a PSEN1 mutation
B. Willekens, M.T. van Den Bossche, S. Engelborghs, C. van Broeckhoven, P. Cras
ANTEWERP, BELGIUM
### POSTER SESSIONS

#### CEREBROVASCULAR DISEASES 12
**13:30-14:15 | SCREEN G4**

**Chairperson:** Valeria Caso, PERUGIA, ITALY

<table>
<thead>
<tr>
<th>Poster ID</th>
<th>Title</th>
<th>Authors</th>
<th>Institution(s)</th>
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<tbody>
<tr>
<td>P 32010</td>
<td>Plasma ceramides and neuropsychiatric symptoms of Alzheimer’s disease</td>
<td>Y. Xing</td>
<td>BEIJING, CHINA</td>
</tr>
<tr>
<td>P 32012</td>
<td>Sex differences in the care, and outcomes of transient ischemic attack in Tashkent</td>
<td>S. Rahimberdiyev, Y. Musaeva, G. Rahimbaeva</td>
<td>TASHKENT, UZBEKISTAN</td>
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<tr>
<td>P 32013</td>
<td>RISCLON – Risk of recurrent stroke in CLOpidogrel non-responders</td>
<td>C.L. Rath, T. Wienecke</td>
<td>ROSKILDE, DENMARK</td>
</tr>
<tr>
<td>P 32014</td>
<td>Ultrasonographic evaluation of a series of patients with Takayasu’s arteritis in a tertiary center</td>
<td>M. Reis Costa, P. Viana, V. Oliveira</td>
<td>LISBON, PORTUGAL</td>
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<tr>
<td>P 32015</td>
<td>Cognitive impairment in cerebral small vessel disease</td>
<td>A. Riahi, I. Bedoui, H. Derbalı, M. Messi, M. Mansour, J. Zaouati, R. Mrissa</td>
<td>TUNIS, TUNISIA</td>
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<tr>
<td>P 32016</td>
<td>Implication of Caudate nucleus lacunar infarcts in post-stroke depression</td>
<td>A. Riahi, H. Derbalı, I. Bedoui, M. Messi, M. Mansour, J. Zaouati, R. Mrissa</td>
<td>TUNIS, TUNISIA</td>
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<tr>
<td>P 32017</td>
<td>Reversible cerebral vasoconstrict syndrome diagnosis with perfusion MRI</td>
<td>P. Ripellino, E. Prodi, A. Cianfoni, C.W. Cereda</td>
<td>LUGANO, SWITZERLAND</td>
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<tr>
<td>P 32019</td>
<td>Recurrent in-stent stenosis of cervico-cerebral arteries</td>
<td>O. Rusu, C. Coclitu, T. Parvu, A. Ciobotaru, A.C. Mergeani, B. Dorobat, O. Bajenaru, F. Antochi</td>
<td>BUCHAREST, ROMANIA</td>
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### POSTER SESSIONS

#### CEREBROVASCULAR DISEASES 13
**13:30-14:15 | SCREEN G3**

**Chairperson:** Catarina Fonseca, LISBON, PORTUGAL

<table>
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<th>Poster ID</th>
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<tr>
<td>P 32021</td>
<td>Abstract cancelled</td>
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<td>P 32022</td>
<td>Abstract cancelled</td>
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<td>P 32023</td>
<td>Prevalence of post-stroke spasticity in Poland and its impact on activities of daily living and quality of life in one-year follow-up</td>
<td>M. Schinwelski, E. Sit, S. Flawek</td>
<td>GDANSK, POLAND</td>
</tr>
<tr>
<td>P 32024</td>
<td>The impact of seasonal changes on cerebrovascular diseases: a retrospective study in Northern Cyprus</td>
<td>S. Ertuğrul Mut, F. Selcuk, S. Usar Incirli</td>
<td>NICOSIA, TURKEY</td>
</tr>
<tr>
<td>P 32025</td>
<td>Leukocyte subtype counts in the acute phase of ischemic stroke as biomarker for haemorrhagic complications and outcome</td>
<td>A. Semerano, D. Stramos, G. Comi, L. Roveri, M. Bacigaluppi</td>
<td>MILAN, ITALY</td>
</tr>
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### POSTER SESSIONS

#### CEREBROVASCULAR DISEASES 14
**13:30-14:15 | SCREEN G2**

**Chairperson:** Valeria Caso, PERUGIA, ITALY

<table>
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<tr>
<td>P 32026</td>
<td>Risk factors for hemorrhagic transformation in patients with acute posterior circulation territory infarction</td>
<td>B.S. Demirtas, L. Öcek, B. Tiftekcioglu, O. Oztekin, Y. Zorlu</td>
<td>IZMIR, TURKEY</td>
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<tr>
<td>P 32027</td>
<td>Positive trend in door-to-needle time and stroke outcome after implementation and data analysis of Romanian stroke thrombolysis registry</td>
<td>C. Tiu, V. Tiu, E. Trescoasa, A. Neacsu, O.A. Bajenaru</td>
<td>BUCHAREST, ROMANIA</td>
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<td>P 32028</td>
<td>Unusual aetiologies of cerebral venous sinus thrombosis</td>
<td>G. Tondo, A. Naldi, R. Cantello</td>
<td>NOVARA, ITALY</td>
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<td>P 32029</td>
<td>Headache – a common symptom in acute cerebrovascular disease</td>
<td>L.A. Torop, L. Sabre, R. Vibo, J. Körv</td>
<td>TARTU, ESTONIA</td>
</tr>
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**P 32030** The studying of lipid metabolism and endothelial dysfunction in young patients with spondylogenic vertebrobasilar insufficiency (SVBI)
N. Nekrasova, O. Tovazhnyanska, O. Markovska | KHARKIV, UKRAINE

**P 32031** Neuropsychological disorders in isolated cerebellar infarctions
O. Mialovitska, G. Trepit | KIEV, UKRAINE

**P 32032** Low prevalence of internal jugular valve insufficiency in transient global amnesia: a pilot, single-center study

**P 32033** Imaging presentation of intracerebral hemorrhage in an East European community (Grodno, Belarus)
S. Tsimenava, I. Shaporov, N. Filina, S. Kulesh | GRODNO, BELARUS

**P 32034** Abstract cancelled

**P 32035** Ratio between carotid artery stiffness and blood flow – a new ultrasound index of ischemic Leukoaraisosis
M. Turk, M. Zalete, J. Pretnar Oblak | NOVO MESTO, SLOVENIA

**P 32036** Abstract cancelled

**P 32037** MoCA vs. MMSE in post-stroke patients
S. Xhaxho, J. Xhaxho, J. HANKOLARI, B. Xhaxho, J. KRUA | TIRANA, ALBANIA

**P 32038** Time of the day and the onset of stroke
S. Xhaxho, J. Xhaxho, R. Sanxhaku, B. Xhaxho, J. KRUA | TIRANA, ALBANIA

**P 32039** DSA study of supratentorial venous sinus in cases with non-venous system disease
L. Yin, D. Li, C. MA | DALIAN, CHINA

**P 32040** Color anoma and quadrantanopia in a case of alexia without agraphia: a rare disconnection syndrome
T. Yoldas, A. Akyuz, B. Goğke Çokal, M.I. Yon, H.N. Gunes, G. Çakar | ANKARA, TURKEY

**P 32041** Current practices in long-term video-EEG monitoring services: a survey among partners of the E-PILEPSY pilot network of reference for refractory epilepsy and epilepsy surgery

**P 32042** Young people with epilepsy have an increased risk of eating disorder symptoms and poor quality diet

**P 32043** The prospective role of orexin-a levels in epileptic seizure
H.I. Cıkrıklar, D. Kotan, M. Yuce, M. Ceylan, G. Gurol, O.F. Bayraktutan, I.H. Çiftci | SAKARYA, ERZURUM, TURKEY

**P 32044** Gene expression for Schwannoma-derived growth factor using microarrays method in epilepsy (of the temporal lobes, frontal and generalised)
M. Grabek Gawłowicz, L. Kotula, A. Petniak, J. Karwat, P. Gil-Kulik, J. Kocki | LUBLIN, POLAND

**P 32045** Safety and tolerability of eslicarbazepine acetate as monotherapy in patients with newly diagnosed partial-onset seizures

**P 32046** Abstract cancelled
**POSTER SESSIONS**

**MONDAY, 30 MAY**

**13:30 - 14:15 | SCREEN C1**

**CHAIRPERSON:** Jera Kruja, TIRANA, ALBANIA

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**P 32047** Serum MMP-9 and TIMP-1 level increases after generalised tonic-clonic seizures
A. Cudna, A. Jopowicz, P. Mierzejewski, I. Kurkowska-Jastrzebska | WARSAW, POLAND

**P 32048** Interictal heart rate in patients with epilepsy
I. Manka-Gaca, B. Labuz-Roszak, K. Pierzchola, A. Machowska-Majchrzak, Z. Kalarus, B. Sredniawa | ZABRZE, POLAND

**P 32049** EEG and ECG changes in patients with epilepsy

**P 32050** The level of apoptotic cells and antiepileptic drug (AEDs) pharmacotherapy in epilepsy patients

**P 32051** Expression of circulating miR-132 in mesial temporal lobe epilepsy: a preliminary study

**P 32052** Rasmussen’s encephalitis: other „movements” besides epilepsy
L. Leitão1, J. Peres1, S. Reimão2, R. Peralta2, J. Pimentel2 | 1AMADORA, 2LISBON, PORTUGAL

**P 32053** Eslicarbazepine acetate: update of post-marketing safety data
M. Vieira, H. Gama, J. Graça, R. Costa, R. Sousa, P. Soares-Da-Silva | CORONADO, PORTUGAL

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**P 32054** Abstract cancelled

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**P 32055** Depression prevalence and severity among headache patients compared to the general population in Albania
I. Alimehmeti1, M. Rakacolli2, S. Grabova2, E. Kurmaku2, P. Jahja2, E. Rrakli3, J. Kruja2 | 1TIRANA, ALBANIA

---

**P 32056** Possible risk factors for migraine and tension type headache
F.R. Lebedeva1, N.R. Kobzeva1, D.V. Gilev1, J. Olesen2 | 1YEKATERINBURG, RUSSIAN FEDERATION, 2COPENHAGEN, DENMARK

**P 32057** Idiopathic intracranial hypertension clinically manifested as bilateral sixth nerve palsy, combined with the enlargement of superior ophthalmic veins: a case report
J.E. Lee1, Y.B. Kim1, I.U. Kang1, D.W. Bae1, K.S. Kim2 | 1 SEOUL, KOREA, REPUBLIC OF

**P 32058** Case study of repetitive transcranial magnetic stimulation of the motor cortex for thalamic pain
H. Lin | BEIJING, CHINA

**P 32059** Gender differences in the lifestyle of cluster headache patients: results from the Danish cluster headache survey
N. Lund, M. Barloese, A.S. Petersen, A.H. Snoer, R. Jensen | COPENHAGEN, DENMARK

**P 32060** Marked diagnostic delay in cluster headache – An analysis of the clinical features: results from the Danish cluster headache survey
N. Lund, M. Barloese, A.S. Petersen, A.H. Snoer, R. Jensen | COPENHAGEN, DENMARK

**P 32061** Experimental provocation of “ice-cream headache” by ice cubes and ice water
S. Magno1, M. Ghosn2, F. Baronnet Chauvet2, S. Deltour2, M. Ollivier2, C. Rosso2, Y. Samson2 | 1 PARIS/MILAN, 2 PARIS, FRANCE

**P 32062** Headache in Hungarian neurology outpatient services
M. Magyar, E. Csepany, T. Gyüre, A. Ajty, D. Berezki, F. Oberfrank, C. Ertsey | BUDAPEST, HUNGARY

**P 32063** Clinico-demographic features of trigeminal autonomic cephalias: an experience from a tertiary care center
Y. Malik, S. Siddiqi, J. Inshasi, M. Altashi, A. Almadani | DUBAI, UNITED ARAB EMIRATES

**P 32064** Follow-up study of 12-18 years on subtypes of headache in a population of children below 6 years old: preliminary results
F. Marchese, P. Marchese, V. Raieli, D. Puma, G. La Franca, F. Vanadis | PALERMO, ITALY

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**POSTER SESSION HEADACHE AND PAIN 6**

**13:30-14:15 | SCREEN C1**

**CHAIRPERSON:** Jera Kruja, TIRANA, ALBANIA

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**P 32054** Abstract cancelled

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**P 32055** Depression prevalence and severity among headache patients compared to the general population in Albania
I. Alimehmeti1, M. Rakacolli2, S. Grabova2, E. Kurmaku2, P. Jahja2, E. Rrakli3, J. Kruja2 | 1TIRANA, ALBANIA
POSTER SESSION
HEADACHE AND PAIN 7
13:30-14:15 | SCREEN C4
CHAIRPERSON:
Jes Olesen, GLOSTRUP, DENMARK

P 32067  No pain perception abnormalities in alldenic patients between attacks
L. Marcuccio, A. Russo, F. Conte, A. Giordano, A. Tessitore, G. Tedeschi  I NAPLES, ITALY

P 32068  Cluster headache in Czech patients
J. Markova1, A. Bartkova1, R. Kotas2, J. Mastik3, I. Niedermayerova1  I PRAGUE, 2OLOMOUC, 3PLZEN, BRNO, CZECH REPUBLIC

P 32069  DT-MRI reveals widespread white matter abnormalities in migraine patients compared to healthy controls

P 32070  Pituitary apoplexy: a challenging and emergent diagnosis
R. Martins, P. Pita Lobo  I PALERMO, ITALY

P 32071  Ice cream headache in students and family history of headache: a cross-sectional questionnaire-based study
T. Mehl, A. Zierz, T. Kraya, S. Zierz  I HALLE, GERMANY

P 32072  Capabilities of electromyography in the dysfunction temporomandibular joint
M. Jachacz-Lopata, D. Milka, W. Likus, G. Bajor  I KATOWICE, POLAND

P 32073  Tension type headache – an osteopathic treatment
M. Jachacz-Lopata, W. Likus, G. Bajor  I KATOWICE, POLAND

P 32074  Cervicogenic headache as a symptom of poor posture
M. Jachacz-Lopata, D. Milka, W. Likus, G. Bajor  I KATOWICE, POLAND

P 32075  Telemedicine in diagnosis and management of non-acute headaches: an open-labeled noninferiority randomised controlled study
K.I. Mueller1, K.B. Alstadhaug2, S.I. Bekkelund3  I TROMSØ, 2BODØ, NORWAY

P 32076  Modulatory effect of nitroglycerin on the L-kynurenine hydrolase and kynurenine 3-monooxygenase expression in the rat cervical spinal cord

P 32077  Occipital seizure with persistent homonymous hemianopia with T2 hypointensity on MRI in non-ketotic hyperglycemia
Z.U. Nissa, S. Siddiqi, S. Abdool  I DUBAI, UNITED ARAB EMIRATES

P 32078  Clinical factors associated with migraine chronification
A. Novo, J. Jesus Ribeiro, L. Sousa, S. Batista  I COIMBRA, PORTUGAL

P 32079  Towards a pragmatic migraine model for drug testing: Cilostazol and Isosorbide-5-mononitrate provocation in healthy subjects
E.K. Hansen, J. Olesen  I GLOSTRUP, DENMARK

P 32080  The role of mental and behavioural disorders in the primary headaches management determination
G. Osmanova, A. Musayev  I BAKU, AZERBAIJAN

P 32081  Headache in multiple sclerosis
M. Öztürk, M. Ozerden, S. Topaloglu Tuac, F. Basoglu, A. Soysal, S. Baybas  I ISTANBUL, TURKEY

POSTER SESSION
INFECTION AND AIDS 2
13:30-14:15 | SCREEN F3
CHAIRPERSON:
Johann Sellner, SALZBURG, AUSTRIA

P 32082  Genetic variants influencing susceptibility to pneumococcal meningitis identified by an exome array analysis
A. Kloek1, B. Ferwerda1, J. van Setten1, A. van der Ende1, M. Valls Seron1, M. Brouwer1, D. van de Beek1  I AMSTERDAM, 2UTRECHT, NETHERLANDS

P 32083  Nonidiopathic hypertrophic pachymeningitis

P 32084  Activation of dormant infections in the acute period of experimental hemorrhagic stroke (EHS)
O. Makarenko  I KIEV, UKRAINE

P 32085  A difficult diagnosis: Tuberculosis with CNS and peritoneal involvement in an immunocompetent patient

P 32086  Meningitis caused by streptococcus suis
**P 32087** Herpes simplex 1 encephalitis due to reactivation by cutaneous herpes zoster in an immunocompetent adult  
M. Oses, B. Pfang, M. Machio, M.A. Garcia-Torres, A. Herranz, R. Fernández-Roblas, I. Zamarbide | MADRID, SPAIN

**P 32088** Atypical ramsay hunt syndrome with oculomotor palsy  
M. Oses, M. Machio, L. Olivié, R. Rigual, B. Sobrino, M. Ruggiero García, M.A. García-Torres, I. Zamarbide | MADRID, SPAIN

**P 32090** MRI findings in tick-borne encephalitis  
A. Pichier, H. Rock, F. Fazekas | GRAZ, AUSTRIA

**P 32096** Absence of wide-spread mis-splicing in the pre-clinical phase of a native promoter driven TDP-43 mouse model of ALS  

**P 32097** Participation of protein kinase C in neurite-inhibitory effect in plasma of patients with spinal muscular atrophy type II  
M. Sokolova, V. Penniyaynen, S. Lobzin | SAINT-PETERSBURG, RUSSIAN FEDERATION

**P 32098** Matching genetic and clinical information – a new spastin mutation causing HSP4 and a new non-pathogenic epsilon sarcoglycan mutation in one patient  
R. Stark, A. Felbeck | ST. GALLEN, SWITZERLAND

**P 32099** Occurrence of multiple ALS-associated mutations in Italian patients  
N. Ticozzi, C. Tiloca, V. Pensato, D. Calini, B. Castellotti, A. Ratti, C. Gellera, V. Silani | MILAN, ITALY

**P 32100** Care preferences in amyotrophic lateral sclerosis (ALS) patients and carers using a discrete choice experiment  
S. Maguire, K. Tobin, O. Hardiman, C. Normand, M. Galvin | DUBLIN, IRELAND

**P 32101** Longitudinal analysis of a discrete choice experiment of preferences for care of amyotrophic lateral sclerosis patients and their carers  
K. Tobin, S. Maguire, C. Normand, O. Hardiman, M. Galvin | DUBLIN, IRELAND

**P 32102** Whole-brain microstructural abnormalities in amyotrophic lateral sclerosis (ALS): High-Angular Resolution Diffusion Imaging (HARDI) study in bulbar-onset versus spinal-onset ALS  

**P 32103** Abstract cancelled

**P 32104** Phenotype comparison between young- and elderly-onset motor neuron disease patients  
F. Verde, N. Ticozzi, C. Morelli, S. Messina, A. Doretti, B. Poletti, C. Tiloca, L. Maderna, V. Silani | MILAN, ITALY

**P 32105** Severe MRI-visible Virchow-Robin spaces in amyotrophic lateral sclerosis: clue to the pathogenesis?  
A. Voorg | VERONA, ITALY
POSTER SESSION
MOVEMENT DISORDERS 8
13:30-14:15 | SCREEN E4
CHAIRPERSON:
Evzen Ruzicka, PRAG, CZECH REPUBLIC

P 32106  Independent validation of the quality of life in essential tremor questionnaire (QUEST)
A. Makkos, M. Kovács, J. Janszky, N. Kovacs  I PÉCS, HUNGARY

P 32107  Gastrostomy and parkinsonism: a retrospective study of indication and outcomes
C. Marcis, M.D.M. Amador, C. Payan, L. Lacomblez, V. Mesnage, D. Grabli  I PARIS, FRANCE

P 32108  Patient satisfaction with botulinum toxin for the treatment of cervical dystonia – a survey among patients in Spain
M.J. Martí Domenech 1, M.J. Catalán 2  I 1BARCELONA, 2MADRID, SPAIN

P 32109  Abstract cancelled

P 32110  Abstract cancelled

P 32111  Intrusive thoughts as non-motor off symptoms of Parkinson’s disease: a case report
S. Medic, D. Kuljic Obradovic  I BELGRADE, SERBIA

P 32112  Hereditary atypical parkinsonism with novel mutation of the VPS35 and FBXO7 genes
K. Mensikova 1, T. Bartonikova 1, L. Mikulicova 1, R. Vodicka 1, R. Vrtel 1, M. Godava 1, I. Dolinova 2, M. Vastik 1, M. Kaserova 1, P. Otruba 1, P. Kanovsky 1  I OLOMOUC, CZECH REPUBLIC

P 32113  Delayed improvement after spinal tap test in normal pressure hydrocephalus – evidence from a serial gait analysis experiment
K. Möhwald 1, M. Wuehr 1, C. Pradhan 1, A. Peraud 1, M. Dieterich 1, T. Brandt 1, K. Jahn 1, R. Schniepp 2  I 1MUNICH, 2BAD AIBLING, GERMANY

P 32114  Evaluation of symptomatic efficacy and safety of RASAGILINE (Azilect®) in Parkinson’s disease patients with wearing-off/end-of-dose akinesia using wearing-off-questionnaire-32 (WOQ-32) in daily routine
U. Faude 1, D. Fendji 1, B. Mollenhauer 2  I 1BERLIN, 2KASSEL, GERMANY

P 32115  Comparison of posterior striatal cholinergic interneurones in progressive supranuclear palsy, Alzheimer’s disease and Lewy body dementia
B. Muinjonov, E. Giyazitdinova, G. Rakhimbayeva  I TASHKENT, UZBEKISTAN

P 32116  Comparison of prognostic factors in progressive supranuclear palsy and frontotemporal dementia (Uzbeki trial)
B. Muinjonov, E. Giyazitdinova, G. Rakhimbayeva  I TASHKENT, UZBEKISTAN

P 32117  Prevalence, clinical features and MRI correlation of poststroke movement disorders
L. Mumladze, N. Lobjanidze, N. Akashvili  I TBILISI, GEORGIA

P 32118  The features and frequency of motor and non-motor symptoms in patient with Parkinson’s disease in Siberian region, Russia

POSTER SESSION
MOVEMENT DISORDERS 9
13:30-14:15 | SCREEN E3
CHAIRPERSON:
Anna Sauerbier, LONDON, UK

P 32119  Comparative cross-sectional survey of Parkinson’s non-motor symptoms in UK white Caucasian and Malaysian Chinese patients
A. Sauerbier 1, A. Tan 2, S.-Y. Lim 2, P. Martinez-Martin 3, A. Rizos 1, G. Harington 1, L. Perkins 1, T. Chiwera 1, D. Trivedi 1, A. Martin 1, M. Parry 1, L. Green 1, N. Dimitrov 1, R. Brown 1, K. Ray Chaudhuri 1  I 1LONDON, UK, 2KUALA LUMPUR, MALAYSIA, 3MADRID, SPAIN

P 32120  The applause sign in frontotemporal lobar degeneration and related conditions
S. Schöneckert 1, F. Helli 1, K. Bottzel 1, D. Etl-Konsortium 2, M. Otto 1, A. Danek 1  I 1MUNICH, 2ULM, GERMANY

P 32121  Abstract cancelled

P 32122  Demography and clinical profile among Parkinson Disease patients in Egypt: data of 374 cases
H. Shehata, N. Shalaby, A. Abdelalim, A. Elmasry  I CAIRO, EGYPT
MONDAY, 30 MAY
13:30–14:15

P32123 Differences in MDS-UPDRS scores based on Hoehn and Yahr stage and disease duration: results of a large international multicenter study of 3206 patients (the QUALPD study)  
M. Škorvánek1, P. Martinez-Martin2, N. Kovacs3, I. Zezula4, M. Rodriguez-Violante5, J.-C. Corvol6, P. Tabo7, K. Seppi8, O. Levin9, A. Schrag9, T. Foltynie10, V. Han1, C. Goetz10, G.T. Stebbins11, Qualpd Study Group1  
1KOSICE, SLOVAKIA, 2MADRID, SPAIN, 3PECS, HUNGARY, 4MEXICO DF, MEXICO, 5PARIS, FRANCE, 6TARTU, ESTONIA, 7INNSBRUCK, AUSTRIA, 8MOSCOW, RUSSIAN FEDERATION, 9LONDON, UK, 10CHICAGO, USA

P32124 Multiple system atrophy (MSA) phenotype associated with frontotemporal lobar degeneration (FTLD)–TDP pathology  
A.L. Sousa, R. Taipa, M. Melo Pires, M. Magalhães  
PORTO, PORTUGAL

P32125 MicroRNA in CSF and plasma as diagnostic biomarkers in Parkinson’s disease and multiple system atrophy  
C. Starhof, A.-M. Hejl, N. Heegaard, K. Winge  
COPENHAGEN, DENMARK

P32126 Adherence to pharmacotherapy in Parkinson’s disease patients who take 3 and more daily doses of dopaminergic medication  
I. Straka1, M. Škorvánek2, P. Valkovic1  
1BRATISLAVA, 2KOSICE, SLOVAKIA

P32127 Determinants of disability and quality of life in mild to moderate Parkinson’s disease  
N. Subasic, E. Suljic, D. Imamovic, S. Hajric, Z. Ajanovic, A. Mehicic  
SARAJEVO, BOSNIA AND HERZEGOVINA

P32128 Abstract cancelled

P32129 Objective olfactory testing and self-assessment of olfactory function in patients with Parkinson’s disease  
M. Titova, O. Izhboldina, J.S. Mironova, I.A. Zhukova, N. Zhukova, M. Nikitina, V. Alifirova  
TOMSK, RUSSIAN FEDERATION

P32130 Abstract cancelled

P32131 Prospective study of disease progression in atypical form of pantothenate-kinase-associated neurodegeneration (PKAN)  
A. Tomic, I. Petrović, M. Svetel, V. Dobricic, N. Dragasevic Miskovic, V. Kostic  
BELGRADE, SERBIA

P32132 Coping styles as predictors of long-term employment in multiple sclerosis - a prospective 13 years follow-up  
N. Grytten1, A.B.R. Skar1, T. Smedal1, J.H. Aarseth1, J. Assmus1, K. Lode2, H. Nyland1, E. Farbu2, K.-M. Myhr1  
1BERGEN, 2STAVANGER, NORWAY

P32133 Comparison of Nitoxantrone versus cyclophosphamide in patients with secondary progressive multiple sclerosis  
T. Gunduz, G. Ozcan, A. Çakar, H.I. Akçay, A.N. Ozdag Acarli, M. Kürťuncü, M. Eraksoy  
ISTANBUL, TURKEY

P32134 Shift work at young age is associated with increased risk of multiple sclerosis in a Danish population  
COPENHAGEN, DENMARK

P32135 Endoplasmic reticulum and oxygen stress alter unfolded protein response gene expression in human neural cells  
N.J. Gutowski1, D. Green2, L. Harries1, J. Holley1, G. Smerdon3, P. Eggleton1  
1EXETER, 2STAFFORD, 3PLYMOUTH, UK

P32136 CNS-transmigration of distinct B-cell subsets through the choroid plexus in patients with multiple sclerosis  
J. Haas1, H. Rudolph2, S. Faller1, K. Tessmer1, A. Schwarz2, S. Jarius1, T. Tenenbaum2, C. Schwerk2, C. Stump-Guthier2, H. Schroten2, B.-T. Wildemann1, M. Korporal-Kuhnke1  
1HEIDELBERG, 2MANNHEIM, GERMANY

P32137 Efficacy, tolerability, quality of life and spasticity in outpatients with relapsing remitting multiple sclerosis (RRMS) treated with glatiramer acetate - results of an observational study  
U. Faude1, D. Fendji1, M.R. Haupts2  
1BERLIN, 2ISSELBURG, GERMANY

P32138 Progressive MS: significant benefit of combined corticoid pulse and complex therapy  
M. Haupts1, S. Wichert1, D. Seidel1, H.-P. Hartung2  
1ISSELBURG, 2DÜSSELDORF, GERMANY

P32139 A cohort of CARE-MS I patients had no evidence of disease activity over 4 years following 2 courses of alemtuzumab and no further treatment  
E. Havrdova1, K. Baum2, H.-P. Hartung3, G. Giovannoni4, D.H. Margolin5, K. Thangavelu6, H. Wiend8  
1PRAGUE, CZECH REPUBLIC, 2HENNIGSDORF, 3DÜSSELDORF, 4DÜSSELDORF, 5LONDON, UK, 6PRAGUE, CZECH REPUBLIC, 7HENNIGSDORF, 8DÜSSELDORF, GERMANY, 9MUNSTER, GERMANY, 10CHICAGO, USA
P 32140 Efficacy and safety outcomes in Vitamin D supplement users in Fingolimod FREEDOMS trials
K. Hongell1, D. Silva2, S. Ritter3, D. Piani-Meier2, M. Soilu-Hänninen1 | TURKU, FINLAND, BASEL, SWITZERLAND, EAST HANOVER, USA

P 32141 Abstract cancelled

P 32142 The healthcare utilisation and cost of prolonged-release fampridine without disease-modifying therapies in patients with multiple sclerosis throughout Germany during 2011–2013
M.-Y. Huang1, C. Prosser3, P. Landsman-Blumberg2, J. Haas4, S. Braun1, E. Gleissner1, T. Ziemssen1 | CAMBRIDGE, PALM HARBOR, USA, HANOVER, DRESDEN, GERMANY

P 32143 Optical coherence tomography reflectance as a novel biomarker of retinal axonal damage in a preclinical model of multiple sclerosis
S.-C. Huang, V. Castoldi, R. Santangelo, S. Marenna, S. Maestroni, L. Chaabane, G. Zerbini, P. Rama, G. Comi, L. Leocani | MILAN, ITALY

P 32144 Treatment-naive patients with active relapsing-remitting multiple sclerosis demonstrate improved quality of life over 5 years with alemtuzumab related to disability improvement: CARE-MS I extension study
R.M. Hupperts1, P. Vermeiren1, D.H. Margolin2, K. Thangavelu2, R. Arroyo Gonzalez4 | SITTARD, NETHERLANDS, LILLE, FRANCE, MONTREAL, CANADA

P 32145 Can the motor disability level related to multiple sclerosis be measured from the French health insurance database?
J. Roux, O. Grimaud, E. Leray | RENNES, FRANCE

P 32146 Rebound of multiple sclerosis activity during pregnancy after fingolimod withdrawal
A. Ruíz, N. Solà Valls, M. Sepulveda, Y. Blanco, S. Llufriu, A. Saiz | BARCELONA, SPAIN

P 32147 Tracking premotor–motor connectivity during the phase of motor preparation in MS patients
E. Ruiu1, R. Dubioso2, F. Jelleberg2, M. Blinkenberg2, K. Madsen2, O. Svogaard2, E. Raffin3, A.N. Karabanov3, H.R. Siebner1 | CAGLIARI, NAPLES, ITALY, COPENHAGEN, DENMARK, GRENOBLE, FRANCE

P 32148 Relation between gender and depression in multiple sclerosis patients
S. Sabanagic-Hajric1, E. Suljic, N. Subasic | SARAJEVO, BOSNIA AND HERZEGOVINA

P 32149 Reasons for subcutaneous interferon beta-1a three times a week discontinuation among patients with multiple sclerosis: a real-world retrospective cohort study
M. Sabidó-Espin1, R. Munschauer2 | DARMSTADT, GERMANY, ROCKLAND, USA

P 32150 The brief international cognitive assessment for multiple sclerosis (BICAMS) for the evaluation of the EDSS cerebral functional score
F. Socca1, T. Costabile, A.M. Barbarulo, A. Carotenuto, S. Casertano, R. Lanzillo, M. Moccia, C. Pane, F. Rossi, C.V. Russo, E. Signoriello, G. Lus, V. Brescia Morra | NAPLES, ITALY

P 32151 Baló’s concentric sclerosis with a benign course
J. Sanchez Ortuño1, A. Sanz Monllor, N. Garcia Lax, J.A. Motos Garcia, M. Palao Rico, M.L. Martinez Navarro | MURCIA, SPAIN

P 32152 The long-term impact of natalizumab on multiple sclerosis: to continue or to stop?
F. Sangalli, L. Moiola, M. Radaeli, L. Ferre, F. Esposito, B. Colombo, V. Martinelli, G. Comi | MILAN, ITALY

P 32153 Acute disseminated encephalomyelitis: a 14 years review

P 32154 Uncommon side effects of glatiramer acetate

P 32155 Treatment-naive patients with active relapsing-remitting multiple sclerosis at baseline demonstrate slowing of brain volume loss with alemtuzumab: 5-year outcomes from the CARE-MS I extension study
S. Schippling1, A. Rovira2, G. Giovannoni3, D.L. Arnold4, A. Traboulsee5, D.H. Margolin6, K. Thangavelu6, M. Filippi7 | ZURICH, SWITZERLAND, BARCELONA, SPAIN, LONDON, UK, MONTREAL, VANCOUVER, CANADA, CAMBRIDGE, USA, MILAN, ITALY

P 32156 Effect of lipoic acid on oxidative stress in multiple sclerosis patients: a double blind randomised clinical trial
F. Seifar1, M. Khalili, A. Azimi2 | TABRIZ, TEHRAN, IRAN, ISLAMIC REPUBLIC OF
POSTER SESSION
MUSCLE AND NEUROMUSCULAR JUNCTION DISEASE 6
13:30-14:15 | SCREEN B4
CHAIRPERSON:
Klaus Toyka, WÜRZBURG, GERMANY

P32159 Novel GYG1 mutation causing late-onset polyglucosan body myopathy with nemaline rods
G. Tasca1, F. Fattori1, M. Monforte1, C. Hedberg-Oldfors2, M. Sabatelli1, B. Udd1, E. Bertini2, E. Ricci1, A. Oldfors2. 1ROME, ITALY, 2GOTHENBURG, SWEDEN

P32160 Myopathy following the treatment of mesalazine: a case report
A. Çetiz, H. Akgun, S. Tasdemir, O. Oz, U.H. Ulas, S. Demirkaya. ANKARA, TURKEY

P32161 Abstract cancelled

P32162 Rigid spine syndrome: a rare subtype of muscular dystrophy: a case report
A. Çetiz, U.H. Ulas, O. Oz, M. Yücel, S. Demirkaya. ANKARA, TURKEY

P32163 Screening of Pompe disease in South Hungary
E.T. Varga, L. Vécsei. SZEGED, HUNGARY

P32164 Stiff Person Syndrome: a female case report with focal onset and multiple limb involvement
S. Vaz, A. Barros, A. Calado, J. Sequeira, D. Melancia, A. Fernandes. LISBON, PORTUGAL

P32165 Congenital myasthenic syndromes – our experience

POSTER SESSION
NEUROGENETICS 4
13:30-14:15 | SCREEN F4
CHAIRPERSON:
Jochen Schäfer, DRESDEN, GERMANY

P32172 Abstract cancelled

P32173 Hereditary coproporphyria due to a new mutation in the CPOX gene
P 32174  Progressive neuronal degeneration in a patient with photosensitivity: a case of Xeroderma Pigmentosum of group A
M.A. Obadia, P. Reach, B. Law, B. Rohaut, J. Lamoril, M. Catala  I PARIS, FRANCE

P 32175  Are mutations in the GJB1 gene risk factor for multiple sclerosis?
B. Peterlin1, T. Hojs Fabjan2, M. Menih2, G. Rudolfi, A. Peterlin1, A. Mave1  I LJUBLJANA, MARIBOR, SLOVENIA

P 32176  Six generations of Frontotemporal Dementia linked to chromosome 3 (FTD-3): demographics of the Danish CHMP2B family
P. Roos1, P. Johannsen1, J. Stokholm1, G. Waldemar1, A. Isaacs2, J. Brown3, J. Nielsen1  I COPENHAGEN, DENMARK, LONDON, CAMBRIDGE, UK

P 32177  The role of ApoE gene polymorphism and vascular risk factors in the susceptibility to early and late Alzheimer’s disease in an Iranian population
S. Samadzadeh1, R. Abofzazi1, A. Shakoori1, T. Sabokbar2  I TEHRAN, IRAN, ISLAMIC REPUBLIC OF

P 32178  New mutation in hereditary spastic paraplegia in Murcia
I. Sanchez Ortuño, A. Sanz Monllor, N. Garcia Lax, J.A. Motos Garcia, M. Palao Rico, J.A. Iniesta Valera  I MURCIA, SPAIN

P 32179  Late-onset Alexander disease: a novel mutation
D. Sangalli1, A. Ciambolla1, C. Morelli1, A. Moroni2, I. Ceccherini2, P. Girotti2, V. Silani2  I MILAN, GENOA, ITALY

P 32180  Ataxia-neuropathy with cognitive decline due to a novel mutation in MTCOII, a subunit of mitochondrial complex IV
J. Schäfer, S. Jackson  I DRESDEN, GERMANY

P 32181  Diagnostic accuracy of laboratory tests and muscle biopsy in patients with genetically confirmed mitochondrial disease
S. Schreglmann1, J. Petersen2, L. Hoffelner2, V.M. Mihaylova2, M. Auer2, G. Kagi2, A. Schaller2, H. Jung2  I ZURICH, ST. GALLEN, BERNE, SWITZERLAND

P 32182  Phenotypic features of GDAP1 mutations in Tunisian Charcot-Marie-Tooth patients
I. Kacem1, A. Gargouri Berrechid1, Y. Sidaham1, A. Nasri1, M. Ben Djebara2, E. Leguern2, R. Gouider1  I TUNIS, TUNISIA, PARIS, FRANCE

P 32183  Expression changes of genes associated with apoptosis and survival processes in Parkinson’s disease

P 32184  mtDNA alterations and autism associated nuclear gene variants in the background of autism spectrum disorder

P 32185  A comprehensive assessment of cervical cord lesions in patients with multiple sclerosis on T1-MPRAGE at 3T: relationship with cord atrophy and disability
M.A. Rocca1, P. Valsasina1, P. Preziosa, M. Aboulwafa1, M. Horsfield2, G. Comi1, A. Faili1, M. Filippi1  I MILAN, ITALY, LEICESTER, UK

P 32186  Superficial siderozis: a case report
F.D. Örken, E. Timer, S. Mumcu, M. Korkmaz, Z. Tanriverdi, B. Aydin Islamoglu  I ISTANBUL, TURKEY

P 32187  A case of spontaneous bilateral dissecting aneurysms of the internal carotid arteries
T. Parvu, C.I. Coclitu, O. Rusu, A. Ciobotaru, A.C. Mergeani, O. Bajenaru, F. Antochi  I BUCHAREST, ROMANIA

P 32188  Correlation between brain MRI and anosognosia
E. Pinzan1, C. Angelini1, F. Bevilacqua1, E. Tasca1, S. Baldanzi1, G. Siciliano1, V. Pogarner1  I VENICE, LIDO VENICE, PISA, ITALY

P 32189  Patterns of regional gray matter and white matter atrophy progression contributing to clinical deterioration in MS: a 5-year tensor-based morphometry study
P. Preziosa1, M.A. Rocca1, E. Pagani1, S. Mesaros2, J. Drulovic2, M. Filippi1  I MILAN, ITALY, BELGRADE, SERBIA

P 32190  Asymmetric reversible restricted diffusion in hyperammonemic encephalopathy: a case report
N. Randhawa, J. Chew, J. Shewchuk, H. Nygaard  I VANCOUVER, CANADA

P 32191  Altered corticostriatal connectivity in Parkinson’s disease is related to cognitive impairment
I. Rektorova, L. Anderkova, M. Barton  I BRNO, CZECH REPUBLIC

P 32192  Cerebral aneurysm causing a rare condition: superficial siderosis of the central nervous system
I. Sanchez Ortuño, A. Sanz Monllor, N. Garcia Lax, J.A. Motos Garcia, M. Palao Rico, M.L. Martinez Navarro  I MURCIA, SPAIN
POSTER SESSIONS

MONDAY, 30 MAY

13:30 - 14:15

P 32193  Imaging of nuclear Overhauser enhancement in human brain tumor at 3 Tesla

P 32194  Transcranial sonography of the insula: digitised image analysis of fusion images with magnetic resonance
D. Skoloudik1, P. Bartova1, J. Maskova1, P. Dusek2, J. Blahuta3, K. Langova3, U. Walter3, R. Herzig3  I OSTRAVA, CZECH REPUBLIC

P 32195  A semi-automatic method for multiple sclerosis lesion segmentation on dual-echo magnetic resonance images: application in a multicenter context

P 32196  Optic neuritis imaging: changes in size and signal of the optic nerve over time in multiple sclerosis patients
M. Trad1, A. Abanou2, L. Hughes1  I LEVALLOIS-PERRET, PARIS, FRANCE

P 32197  Regional cerebral blood flow SPECT: comparison of 99Tc-ECD and 99Tc-HMPAO tracers
T.J. von Oertzen1, W. Schwinger1, K. Böck1, G. Puttinger1, C.M. Quesada2, F.C. Gaertner2, G. Schwarz1, A.M. Hengsberger1, T. Grunwald3, C.E. Elger2, M. Essler2, R. Pichler1  I LINZ, AUSTRIA

P 32198  Gray matter alterations related to nocturnal stridor in multiple system atrophy
S. Zanigni, C. Testa, G. Giannini, G. Calandra-Buonaura, D.N. Manners, R. Lodi, F. Provini, P. Cortelli, C. Tonon  I BOLOGNA, ITALY

POSTER SESSION NEUROIMMUNOLOGY 4

13:30-14:15  | SCREEN H2

CHAIRPERSON:
Heinz Wiendl, MÜNSTER, GERMANY

P 32199  Therapeutic target of memory b-cells depletion helps to tailor administration frequency of Rituximab in neuromyelitis optica spectrum disorders patients.
G. Romero1, J. Bas2, M. Cohen1, M. Tichioni1, J. Pelletier5, B. Audoin1, C. Lebrun-Frenay1  I NICE, MARSEILLES, FRANCE

P 32200  In-vitro catecholamines mimics stroke induced inhibition of neutrophil extracellular traps formation
J. Ruhrnau, L. Blümke, C. Lange, A. Dressel, A. Vogelgesang  I GREFSWALD, GERMANY

P 32201  Are CSF protein levels and plasma neutrophil/lymphocyte ratio associated with prognosis of Guillain-Barré syndrome?
S. Sohn, N. Çinar, S. Karsidag  I ISTANBUL, TURKEY

P 32202  New biomarkers in the diagnosis of Chronic Inflammatory Demyelinating Polyneuropathy (CIDP)
M. Siglitski, V. Ponomarev, H. Ivanchyk  I MINSK, BELARUS

P 32203  European AIDS clinical society screening questions don’t predict nor exclude HIV-associated neurocognitive disorders: a NAMACO study

P 32204  Paraneoplastic ataxia associated to anti CV2 antibodies in an alcoholic patient: a diagnostic challenge
T. Kalantzakou, O. Sinani, G. Xiromerisiou, V. Paraskevopoulou, K. Katsiarodanis, T. Bourinaris, A. Tychalas, E. Koutlas, G. Deretzi  I THESSALONIKI, GREECE

P 32205  Anti-LGI1 encephalitis: clinical syndrome and long-term follow-up
A. Sonderen van1, R. Thijs2, E. Coenders1, L. Jiskoot3, E. Sanchez4, M. Bruijn de3, M. Coevorden van-Hameete5, P. Wirtz4, M. Schreurs1, P.A. Sillevis Smitt3, M. Titulaer3  I THE HAGUE, LEIDEN, ROTTERDAM, AMSTERDAM, UTRECHT, NETHERLANDS

P 32206  Anti-N-methyl-D-aspartate receptor (NMDAR) encephalitis and neuropsychiatric autoimmune encephalopathy
M. Suzuki, H. Kato, T. Ohashi  I CHIBA, JAPAN

P 32207  Limbic Encephalitis Associated with Sjögrens Syndrome: report of three cases
R. Turkoglu, S. Ozyurt, E. Tuzun  I ISTANBUL, TURKEY

P 32208  Presumed tuberculous meningitis relapsing after steroid reduction: a case of AMPA receptor antibody-associated encephalitis
H. van Den Tooren, M. Maskery, C. Kobylecki, N. Rathod, R. Siripurapu, D. McKee  I MANCHESTER, UK
P 32209  Therapeutic challenges of stiff person syndrome: a case report
E.T. Varga1, T. Györgyi Md2, L. Vécsei1 I SZEGED, 2BUDAPEST, HUNGARY

P 32210  Abstract cancelled

P 32211  Characterising the impact of teriflunomide on the CD4+ T-cell repertoire of patients with relapsing-remitting MS in the Teri-DYNAMIC study
H. Wiendl1, C.C. Gross1, M. Lindner1, M. Eschborn1, L. Weisser1, A. Posevit-Fejfar1, A. Schulte-Mecklenbeck1, B. van Wijmeersch2, S. Brette3, T.J. Turner5, A. Jagerschmidt4, A. Bar-or6, R. Hupperts7, L. Klotz1 I 1MÜNSTER, GERMANY, 2HASSELT, BELGIUM, 3BOULOGNE-BILLANCOURT, 4CHILLY-MAZARIN, FRANCE, 5CAMBRIDGE, USA, 6MONTREAL, CANADA, 7MAASTRICHT, NETHERLANDS

P 32212  Rapidly progressive dementia and orofacial dyskinesia: neurosyphilis and “Candy Sign”?
J.P. Marto, C. Borbinha, T. Lampreia, L. Alves, M. Viana-Baptista I LISBON, PORTUGAL

P 32213  Health-related quality of life of nursing student’s with or without premenstrual syndrome
A. Ozkan1, G. Tannverdi1, Y. Ozenli2, C. Bakar3, H.I. Ozisk Karamon1 I CANAKKALE, 2ADANA, TURKEY

P 32214  The importance of thermal threshold testing in detecting of small fiber neuropathy in Type 1 diabetes mellitus
V. Potockova, R. Mazanec, A. Tomek I PRAGUE, CZECH REPUBLIC

P 32215  Ophthalmoparesis and temporal arteritis: double trouble
I. Rosario Marques, F. Antunes, M.D. Grunho, A. Ribeiro I ALMADA, PORTUGAL

P 32216  Eosinophilic granulomatosis with polyangiitis (Churg-Strauss syndrome) with extensive neurologic involvement and neutrophilia
E. Sechi, A. Addis, R. Piredda, A. L. Rassu, C. Fois, L. Batzu, G. Sechi I SASSARI, ITALY

P 32207  Isolated central nervous system vasculitis caused by Whipple’s disease
D. Sisak1, C. Hornyak1, I. Balogh1, A. Moter2, A. K. Iljicsoy1, G. Varallyay1, I. Szimand1, P. Lakatos1, L. Sipos1, E. Turanyi1, D. Bereczki1, T. Kovacs1 I BUDAPEST, 2DEBRECEN, HUNGARY, 1BERLIN, GERMANY

P 32218  Rare case of deep cerebral hemorrhage and atrial fibrillation in a patient with Fabry’s disease
E.A. Solomon1, D. Anghel, A. Gitman, M. Marian I BUCHAREST, ROMANIA

P 32219  ANCA positive vasculitis disguised as a recurrent stroke due to vertebral artery dissection
A. Toth1, G. Rudas, E. Kiss, D. Bereczki1, I. Sipos I BUDAPEST, HUNGARY

P 32220  The neurologist and the gastroenterologist – inpatient neurological consultation in the gastroenterology and hepatology department
P. Viana, P. Santos, L. Guedes, A. I. Verdelho, J.G.D.B.C. Pimentel, J.M.M.C. Ferro I LISBON, PORTUGAL

P 32221  Ataxia as a presentation feature of Neurosarcoid
S. Vijayarangam Shammugam, A. Al-Memar I LONDON, UK

POSTER SESSION
NEUROLOGY AND ARTS; HISTORY OF NEUROLOGY; ETHICS IN NEUROLOGY; EDUCATION IN NEUROLOGY;
13:30-14:15 | ROOM: E2
CHAIRPERSON:
Jan Kuks, GRONINGEN, THE NETHERLANDS

P 32222  Hazardous effects of nonnatural life on visual pathways: a biophysical experimental study
A. Aydin1, A. Aydin1, N. Aydin1, M.D. Aydin2, D. Kotan3, N. Gursoy2 I ISTANBUL, 1ERZURUM, 2SAXARYA, TURKEY

P 32223  Abstract cancelled

P 32224  Neurology: an introductory course for neurology residents

P 32225  The neuro-ethics of the logical speech and the ethics of reality in the psychoneuroanalytical model
D. Dore1, M. D’Onofrio1 I TITIRI, 1SASSARI, ITALY
MONDAY, 30 MAY
13:30 - 14:15

P 32226 Neurological training for fellows in Germany – from a chief physician’s point of view
C. Franke1, H. Hellriegel2, A.-S. Biesalski3, R. Kiefer4 I 1BERLIN, 2KIEL, 3WUPPERTAL, 4ROTHENBURG, GERMANY

P 32227 Mozart’s plausible neurological disorders
C. Gardner-Thorpe I EXETER, UK

P 32228 Mapping the clinical translation of successful and unsuccessful neurological drugs
A. Hakala, J. Kimmelman I MONTREAL, CANADA

P 32229 Quality of stroke patient information – a systematic review
A.C. Kruetzelmann1, S. Koepke2, A.C. Rahn1, G. Thomalla1, C. Heesen1 I 1HAMBURG, 2LÜBECK, GERMANY

P 32230 Possible descriptions of stroke and some other neurological disorders with sudden onset in Greek mythology and in the Bible and their presentation in art
M. Klarendic, B. Podlipnik I LJUBLJANA, SLOVENIA

P 32231 Neural trophic and Determinant Structures in CNS pathology. Alexey Speransky and Georgy Kryzhanovsky – Contribution to theoretical basis of modern neurology
D. Labunskiy I SANTA ROSA CA, USA

P 32232 Patient and student attitudes to clinical demonstrations – is it time we stopped ‘protecting’ our patients?
J. Mistry, F. Schon, H. Cock I LONDON, UK

P 32233 Knowledge gap about neurology in Uganda lags behind children with learning disabilities in education
J. Nakibirango I KAMPALA, UGANDA

P 32234 Do we agree on the content of the screening neurological exam?
E. Ruzicka, P. Marusic I OLOMOUC, CZECH REPUBLIC

P 32235 Oliver Sacks, “Awakenings” to neurology? A 2015 survey among French neurologists
H. Doudoux, L. Vercueil I GRENOBLE, FRANCE

P 32236 William Warrington (1869-1919): GBS before G, B, and S?
B. Ziso, A. Larner I LIVERPOOL, UK

P 32237 Bilateral optic disc swelling: not always papilledema: a case report
J. Perez Lucas, M. Baez, M. Fernandez-Fournier Ferna I MADRID, SPAIN

P 32238 Anterior ischemic optic neuropathy and hematological malignancy: a systematic review of case-reports and case-series
F. Rodrigues, D. Sousa, G. Duarte, F. Campos, F. Pinto I LISBON, PORTUGAL

P 32239 Visual system involvement in cerebrotendinous xanthomatosis: the role of dentate nucleus on eye movement control
F. Rosini1, E. Pretegiani2, A. Mignarri1, G. Tumminelli1, A. Federico1, L. Optican2, M.T. Dotti1, A. Rufa1 I SIENNA, ITALY, 2BETHESDA, USA

P 32240 Situational factors of fear of falling in vertigo and balance disorders
C. Schlick, R. Schniepp, K. Jahn I MUNICH, GERMANY

P 32241 Abstract cancelled

P 32242 Development of an algorithm for the differential diagnosis of oculomotor abnormalities
M. Strupp1, S.A. Kolb2 I 1MUNICH, GERMANY, 2ALLSCHWIL, SWITZERLAND

P 32243 The benefit of optical coherence tomography and visual evoked potentials in optic neuritis: a pilot study
T. Svrcinova, J. Mares, V. Sladkova, M. Šín, P. Kanovsky I OLOMOUC, CZECH REPUBLIC

P 32244 Tolosa-Hunt syndrome: the recurrence is not always on the same side
H. Tiber, W. Regragui, E. Ait Ben Haddou, A. Benomar, M. Yahyaoui I RABAT, MOROCCO

P 32245 The role of the cerebellum in the antisaccade performance: insights from Spinocerebellar Ataxia Type 2 (SCA2) and Late Onset Cerebellar Ataxia (LOCA)
G. Tumminelli1, F. Rosini1, P. Piu1, E. Pretegiani3, A. Federico2, A. Rufa1 I SIENNA, ITALY, 2BETHESDA, USA
**P 32246** Stochastic resonance in the vestibular system
M. Wühr, J. Boerner, J. Decker, C. Pradhan, R. Schniepp
MUNICH, GERMANY

**P 32247** Dopamine preserves visual motion perception despite noise interference of human V5/MT
N. Yousif, R. Fu, B. Abou-El-Ela-Bourquin, V. Bhrugubanda, S. Schultz, B.M. Seemungal
LONDON, UK

**POSTER SESSION PERIPHERAL NERVE DISORDERS 6 13:30-14:15 | SCREEN D2**

**CHAIRPERSON:** Nazha Birouk, RABAT, MOROCCO

**P 32248** Chronic inflammatory demyelinating polyneuropathy – still a challenging diagnosis
D. Leupold, L. Schigl, A. Felbecker, D. Ziegglansberger, B. Tettenborn, T. Hundsberger
ST. GALLEN, SWITZERLAND

**P 32249** Abstract cancelled

**P 32250** Abstract cancelled

**P 32251** Trauma and Guillain-Barré syndrome
C. Machado, J.N. Alves, A.F. Santos, J. Pinho, R.J.P. Maré, C. Ferreira
BRAGA, PORTUGAL

**P 32252** Subcutaneous versus intravenous immunoglobulin in drug-naïve patients with chronic inflammatory demyelinating polyneuropathy (CIDP) – a randomised, single-blind, cross-over trial
L.H. Markvardsen, S.H. Sindrup, I. Christiansen, J. Jakobsen, H. Andersen
AARHUS, ODENSE, COPENHAGEN, DENMARK

**P 32253** Aerobic capacity and muscle strength are improved following aerobic and resistance exercise in patients treated with subcutaneous immunoglobulin for CIDP
L.H. Markvardsen, K. Overgaard, K. Heje, S.H. Sindrup, I. Christiansen, J. Vissing, H. Andersen
AARHUS, ODENSE, COPENHAGEN, DENMARK

**P 32254** Nerve lesions can be detected by diffusion tensor imaging in patients with CIDP treated with subcutaneous immunoglobulin
L.H. Markvardsen, M. Vaeggemose, H. Andersen
AARHUS, DENMARK

**P 32255** The de-novo mutation p.R190W in the MORC2 gene cause severe axonal Charcot-Marie-Tooth disease in Czech a patient
R. Mazanec, P. Lassuthová, M. Šafka-Brožková, M. Krůtová, S. Züchner, M. Gonzales, V. Potocká, P. Seeman
PRAGUE, CZECH REPUBLIC, MIAMI, USA

**P 32256** Genetic epidemiology analysis of Cx32 gene mutations in Hungary
BUDAPEST, SZEGED, DEBRECEN, PECS, HUNGARY

**P 32257** An axonal membrane excitability gradient could contribute to the length-dependent susceptibility to neuropathy
M. Moldovan, R. Arnold, R. Rosberg, S. Alvarez, R. Morris, C. Krarup
COPENHAGEN, DENMARK, SYDNEY, AUSTRALIA

**P 32258** Uncommon cluster of Guillain-Barré cases in northern Portugal – an outbreak?
S. Moreira, C. Santos, P. Grebe, J. Rofiz SANTA MARIA DA FEIRA, PORTUGAL

**P 32259** Late onset transthyretin familial amyloid polyneuropathy in Valencia, a non-endemic area
VALENCIA, GANDIA, ELCHE, SPAIN
Die Nervenheilkunde ist eine der bekanntesten Fort- und Weiterbildungszeitschriften für Neurologen, Psychiater und Nervenärzte. Da bei psychischen Störungen Hausärzte fast immer die ersten Ansprechpartner sind und die Weichenstellung für eine kompetente fachärztliche Behandlung in ihren Händen liegt, wendet sich die Nervenheilkunde zugleich an Primärärzte.


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SYMPOSIUM 7: UNDERSTANDING FUNCTIONAL CONNECTIVITY USING MRI
8:00 - 10:00 | HALL M1

CHAIRPERSONS:
Massimo Filippi, MILAN, ITALY
Ludwig Kappos, BASEL, SWITZERLAND

Brain functional connectivity assessed using MRI: the basis
Bharat B. Biswal, NEWARK, USA

Clinical applications in MS
Maria A. Rocca, MILAN, ITALY

Implications for clinical trial design and monitoring of drug efficacy
Till Sprenger, WIESBADEN, GERMANY

Scientific content: Functional connectivity is a useful research tool, and reliable analysis and methods have been developed. New disease insights are emerging in a variety of neurologic and psychiatric disorders, including multiple sclerosis. Though the acquisition and analysis methods are still evolving, meaningful data are emerging on the potential application of fMRI in trial design and monitoring treatment efficacy.

SYMPOSIUM 8: NEW DIAGNOSTIC DEVELOPMENTS IN EPILEPSY
8:00 - 10:00 | HALL M2

CHAIRPERSONS:
Paul Boon, GHENT, BELGIUM
Eric Taubøll, OSLO, NORWAY

Definitions and classification of seizures
Jukka Peltola, TAMPERE, FINLAND

Neurophysiological assessment of epilepsies
Paul Boon, GHENT, BELGIUM

3D multimodal imaging for epilepsy surgery
John Duncan, LONDON, UK

Genetic screening
Jose Serratosa, MADRID, SPAIN

Scientific content: This symposium will provide recent information on diagnostic definitions and techniques in epilepsy patients. The recently changed definition of epilepsy will be extensively explained, followed by state-of-the-art lectures on EEG, structural and functional imaging and genetic diagnostic procedures. The target audience is general neurologist who seek to expand their knowledge on up-to-date diagnostic procedures for epilepsy in daily practice.

SYMPOSIUM 9: UNTANGLING INFLAMMATORY AND DEGENERATIVE ASPECTS OF MULTIPLE SCLEROSIS
8:00 - 10:00 | HALL M3

CHAIRPERSONS:
Martin Kerschensteiner, MUNICH, GERMANY
Xavier Montalban, VALL D’HEBRON, SPAIN

Insights from MS pathology
Wolfgang Brück, GÖTTINGEN, GERMANY

Insights from experimental models
Martin Kerschensteiner, MUNICH, GERMANY

Insights from clinical imaging
Paul Matthews, LONDON, UK

Insights from therapeutic trials
Xavier Montalban, VALL D’HEBRON, SPAIN

Scientific content: In this symposium we want to highlight how inflammation and neurodegeneration contribute to the common neuroinflammatory disease multiple sclerosis (MS). In particular, we want to explore how inflammatory and degenerative disease mechanisms drive disease progression, how their inter-relation changes as the disease advances and how they can be best targeted therapeutically. For this purpose, we will summarize recent insights from the histopathological analysis of MS tissue, the in vivo analysis of experimental disease models, the advanced multi-modal imaging of MS patients and therapeutic trials in relapsing-remitting and progressive MS.

HANDS-ON COURSE 5: NERVE AND MUSCLE IMAGING FOR CLINICIANS
8:00 - 10:00 | HALL B5.M1

CHAIRPERSON
Einar Wilder-Smith, SINGAPORE, SINGAPORE

Ultrasound in nerve entrapments
Einar Wilder-Smith, SINGAPORE, SINGAPORE

Ultrasound as a diagnostic tool to classify polyneuropathies
Leo Visser, TILBURG, THE NETHERLANDS

MRI imaging in myopathies
Bjarne Udd, TAMPERE, FINLAND
This course aims to introduce clinicians to understanding the role Nerve Ultrasound imaging plays in the diagnosis of entrapment neurapathies and polyneuropathies. Focus will be on the sonographic patterns (specific distribution of nerve enlargement) in different entrapments and polyneuropathies. A special focus will be how ultrasound can help to determine whether a polyneuropathy is demyelinating or axonal.

MRI imaging in myopathies will provide basic insight into typical patterns of muscle involvement in the different muscle diseases and address when to request muscle MRI to accelerate the diagnostic process, and optimize site for muscle biopsy.

This course is supported by Cadwell Industries, Inc.

CASE-BASED FACILITATED WORKSHOP 6: NEUROPSYCHOLOGICAL TESTING IN DEMENTIA FOR NON-NEUROPSYCHOLOGISTS

08:30 - 10:00 | HALL B4.M2

CHAIRPERSON:
Ana Verdelho, LISBON, PORTUGAL

Global measures of cognition
Ana Verdelho, LISBON, PORTUGAL

Neuropsychological evaluation in demented patients
Florence Pasquier, LILLE, FRANCE

How non-psychiatrists can do a “psychiatric” bed-side evaluation
Elizabeta Mukaetova-Ladinska, NEWCASTLE UPON TYNE, UK

With the progressive ageing of population cognitive decline and dementia is becoming one of the most frequent challenges of health and neurological care. Recent advances lead to several ancillary investigations available to clarify the etiology of cognitive decline. Correct diagnosis and correct use of those investigations depends on the initial clinical diagnosis. This case-based facilitated workshop is designed to improve the skills to make a cognitive evaluation more precise in the first approach to the patient. Three experts of the field will approach, in a very practical way, not only the neuropsychological procedures but also how to deal with the interview of a patient with cognitive decline.

SPECIAL SESSION 8: EUROPEAN REFERENCE NETWORK

08:30 - 10:00 | HALL M4

CHAIRPERSON:
Philippe Ryvlin, LAUSANNE, SWITZERLAND

European Reference Network: an EU law
Enrique Terol, BRUSSELS, BELGIUM

E-PILEPSY, a pre-ERN pilot network of cooperation in epilepsy surgery
Philippe Ryvlin, LAUSANNE, SWITZERLAND

Merging rare and complex diseases in a neurologically driven ERN
Helen Cross, LONDON, UK

ERN and cross-border healthcare in Neurology: The patient’s point of view
Ann Little, DUBLIN, IRELAND

Scientific content: European Reference Networks (ERN) are defined by a European law and directive which went into force in 2014. ERN are meant to promote harmonisation and optimisation of healthcare for rare and complex diseases across Europe, including through cross-border care whenever appropriate. ERNs also offer opportunities to establish strong hospital-based clinical research consortia that will gain in competitiveness towards H2020 research calls. The first ERN will be labelled by the EU in 2016, through a complex process that is expected to lead to 20 to 30 ERNs, including two to five that might primarily tackle neurological disorders. Two pre-ERN pilot networks of cooperation have been funded by DG-SANCO in 2013 to provide bottom-up experience on the building of such network, including one in the field of clinical neuroscience (E-PILEPSY). The latter focuses on epilepsy surgery, and shall involve into a full ERN while incorporating rare epilepsies and possibly other disorders.

This session aims at providing comprehensive information on this important topic to Neurologists. Enrique Terol, who works at DG SANCO, is the person in charge of developing and implementing ERNs for the European Commission, and thus the most expert person to introduce this topic. Philippe Ryvin coordinates the E-PILEPSY pre-ERN pilot network of cooperation, and will report on his experience in setting up this network. Helen Cross is currently setting up a full ERN while incorporating rare epilepsies and possibly other disorders. She will explain how an ERN application needs to be settled and stress the challenges and opportunities of developing such project. Ann Little is the current President of the European Federation of Neurological Associations, i.e. associations of neurological diseases patient’s group. She will provide what we consider an essential voice when it comes to reformatting organization of neurological healthcare in Europe, especially for complex or rare diseases where patients and their family remain too often at lost.
SPECIAL SESSION 9: SHARED DECISION MAKING IN NEUROLOGY
08:30 - 10:00 | HALL M5

CHAIRPERSON: Christoph Heesen, HAMBURG, GERMANY

SDM as the concept for medicine of the 21st century – chances and challenges
Norbert Donner-Banzhoff, MARBURG, GERMANY

SDM in multiple sclerosis treatment decision making
Christoph Heesen, HAMBURG, GERMANY

SDM in Parkinson treatment choices
Frouke Nijhuis, NIJMEGEN, THE NETHERLANDS

SDM in stroke acute care and secondary prevention
Christopher McKevitt, LONDON, UK

Scientific content: Patient involvement in medical decision making is increasingly recognized especially in ageing societies with more chronic diseases with partially effective treatments. SDM is a concept based on exchange of information on different levels between a patient and a healthcare provider based on different competencies of both. As a prerequisite SDM needs evidence-based patient information for which defining a decision to be made and listing all options with their possible benefits and risks is necessary. Based on a SDM approach even a scientifically clear superior option might not the right one for a given patient. Therefore, SDM realizes individualized, preference sensitive medicine. While many medical decisions lack substantial controlled study evidence on one hand and a relevant number of patients might explicitly refrain from getting involved in medical decisions on the other there are a number of paradigmatic decisional issues in clinical neurology which could possibly be improved by structured SDM approaches. Examples are: early treatment of multiple sclerosis, anticoagulation in stroke, escalation and deescalation of antiepileptic drugs, deep brain stimulation for Parkinson’s disease but also everyday issues as PRT for radicular syndromes or medical treatment for tension type headache. While SDM study data show increased knowledge and enhanced self-efficacy, some data indicate also increased effectiveness of health-care resources use. However, improved health outcomes have seldom been shown up to now.

Three aims will be pursued:
1. to give an overview of the current theoretical and methodological concepts in SDM such as the concept of complex interventions and evidence-based patient information, different study designs, interventions and outcomes.
2. to summarise the development stage in neurology focusing multiple sclerosis, Parkinson’s disease and stroke.
3. to develop a working group SDM in neurology with an educational but also research need and exchange agenda.

SPECIAL SESSION 10: EAN RESIDENT AND RESEARCH FELLOW SECTION (RRFS): PROSPECTS FOR NEUROLOGISTS IN TRAINING IN THREE CORNERS OF EUROPE
08:30 - 10:00 | HALL B5.M2

CHAIRPERSON: Peter Balicza, BUDAPEST, HUNGARY

Prospects for young neurologists in the Nordic countries
Daniel Kondziella, COPENHAGEN, DENMARK

Neurology education in Western Europe
Elena Moro, GRENOBLE, FRANCE

Neurology education in Central and Eastern Europe
Ildiko Szőcs, BUDAPEST, HUNGARY

Scientific content: The special session intends to shed light on strengths and weaknesses of neurology education in different parts of Europe, and identify common strategies to improve. Speakers will focus on neurology education from medical school through residency to consultant neurologist, and highlight the positions, opportunities, career prospects for neurologist in training, as well as drivers for mobility in their area.
PLENARY SYMPOSIUM 3: HIGHLIGHTS AND LATE BREAKING NEWS
10:30 - 12:30 | HALL M1

CHAIRPERSON:
Mads Ravnborg, COPENHAGEN, DENMARK

Faculty:
Steen Hasselbalch, COPENHAGEN, DENMARK
Finn Sellebjerg, COPENHAGEN, DENMARK
Arne Lindgren, LUND, SWEDEN
Erik Taubøll, OSLO, NORWAY

After the presentation of the Congress Highlights the winners of the Tournament Prizes will be announced and receive their certificates. Closing words by Günther Deuschl, EAN President

Cognitive and higher cortical disorders are often underestimated in post-stroke patients, especially in those who otherwise recover in terms of motor function. Their assessment, screening and treatment is crucial for full recovery of patients. Recent data also show that patients may benefit from additional pharmacological and non-pharmacological support in rehabilitation. Because of many controversies on this topic an overview will be presented.

TEACHING COURSE 18: LIFE AFTER STROKE – LEVEL 2
13:00 - 16:30 | HALL B1

CHAIRPERSON:
Natan Bornstein, TEL-AVIV, ISRAEL

Women issues
Valeria Caso, PERUGIA, ITALY

Motor deficits – their consequences and rehabilitation
Natan Bornstein, TEL-AVIV, ISRAEL

Cognitive and higher cortical disorders – how to help?
Dafin Muresanu, CLUJ-NAPOCA, ROMANIA

Pharmacological and non-pharmacological support beyond secondary prevention
Anna Członkowska, WARSAW, POLAND

Recent advances in acute stroke management and prevention have allowed to reduce the burden of stroke and reduce the incidence. Nevertheless, a vast majority of patients still require special attention and management due to their disability and specific issues like gender. This teaching course will focus on specific issues in the female patients like pregnancy and future administration of oral contraceptives and also hormone replacement therapy. Motor rehabilitation is crucial for reducing disability rates, although recently there is a lot of discussion due to the arrival of new RCTs questioning the intensity of rehabilitation and when to start.

TEACHING COURSE 19: CHALLENGES IN NEWLY DIAGNOSED EPILEPSY – LEVEL 1
13:00 - 16:30 | HALL B2

CHAIRPERSON:
Antonio Gil-Nagel, MADRID, SPAIN

What is enough for the diagnosis for epilepsy?
Heather Angus-Leppan, LONDON, UK

How to estimate the prognosis and risks of newly diagnosed epilepsy?
Torbjörn Tomson, STOCKHOLM, SWEDEN

How to choose the first-line drug?
Antonio Gil-Nagel, MADRID, SPAIN

What to do, when the patient does not accept the diagnosis?
Bettina Schmitz, BERLIN, GERMANY

Patients with newly diagnosed epilepsy are entitled to a diagnosis, prognosis and management that are specific and precise. This TC updates knowledge of adequate diagnosis of epilepsies and epileptic syndromes and discusses about the prognoses and risks. The aim is also to give an overview of current treatment options and the decision-making process in selecting the optimal initial treatment for each patient. As in any other medical condition, acceptance of diagnosis is the first step in the therapeutic process. We will cover those challenging situations, when the patient needs the treatment, but is not able to accept the diagnosis or therapy.
The increasing use of MRI of the CNS by clinicians and researchers has raised the amount of incidental neuroimaging findings. The prevalence of incidental brain findings is higher when high resolution MRI sequences are used and, as expected, the chance of revealing pathologic findings is higher in old age individuals. The proportion of subjects who actually have neurological symptoms referable to apparently incidental brain findings is low. Many of the detected abnormalities are nonspecific in aetiology and are classified as unidentified bright objects. Vascular white matter hyperintensities, silent brain infarcts, inflammatory lesions, tumors and structural or vascular abnormalities are often identified incidentally. The course will offer practical skills to be applied in the interpretation of incidental neuroimaging findings, understanding their pathophysiology, and deciding whether further investigations and possible treatment are necessary.
TEACHING COURSE 22: CURRENT TREATMENTS IN NEUROLOGY II – LEVEL 1
13:00 - 16:30 | HALL C

CHAIRPERSON:
Patricia Limousin, LONDON, UK

Update on thrombolysis
Peter E. Ringleb, HEIDELBERG, GERMANY

Advances in the management of primary CNS lymphoma
Khe Hoang-Xuan, PARIS, FRANCE

How to approach muscle pain
Tiziana Mongini, TORINO, ITALY

DBS (deep brain stimulation) and the future
Patricia Limousin, LONDON UK

Prof. Ringleb will discuss the value of iv-thrombolysis in the light of mechanical thrombectomy. Prof Hoang-Xuan will refer about advances in correct management when facing primary Central Nervous System lymphoma. Prof. Mongini will explain how to best approach muscle pain in a patient and Prof. Limousin will inform about the future of Deep Brain Stimulation (DBS).

TEACHING COURSE 23: DEVELOPING AN EAN GUIDELINE – LEVEL 1
13:00 - 16:30 | HALL BS.M2

CHAIRPERSON:
Antonio Federico, SIENA, ITALY

Critical appraisal of clinical practice guidelines: the AGREE instrument
Luca Vignatelli, BOLOGNA, ITALY

Finding the evidence: an introduction to literature searching and how to search
Christopher Cooper, EXETER, UK

The methodology of GL production: the GRADE approach for moving from evidence to recommendations
Maurizio Leone, SAN GIOVANNI ROTONDO, ITALY

An introduction to the use of the GRADE software
João Costa, LISBON, PORTUGAL

EAN considers the production of neurological guidelines a major commitment, as this is a primary tool to improve clinical practice in neurology. This level 1 teaching course is the first within an EAN Congress and will overview the problems and challenges of developing guidelines. It is aimed both at clinicians who want to critically evaluate and use guidelines and at EAN members and specialist trainees who want to develop guidelines within the umbrella of our 31 Scientific Panels. A specific attention will be paid to the knowledge of the GRADE system (Grading of Recommendations, Assessment, Development and Evaluation) which aims to provide a homogeneous and transparent approach to the entire process of guideline creation.
We wish to express our gratitude to the following companies, who, through their generosity, have helped to make this congress possible.

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<td>“RRFS - Residents and research fellows section of the European Academy of Neurology”</td>
<td>EAN Booth</td>
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<td>The Brain Prize</td>
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<td>The Lancet</td>
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Join us in Copenhagen to learn more about treating Parkinson's Disease!

From *OFF to ON* – New approaches to the treatment of OFF episodes in Parkinson’s Disease

Saturday, May 28th 2016
1:00pm - 2:30pm | Hall M0

*Chair* – C Warren Olanow, MD

Levodopa Induced OFF Episodes – The Problem
*Fabrizio Stocchi, MD*

Current Approaches to the Treatment of OFF Episodes
*Anthony Schapira, MD*

Rescue Therapies - What’s in the Pipeline
*C Warren Olanow, MD*

Panel Discussion

*Symposium Sponsored by Cynapsus Therapeutics Inc.*
97% of dementia patients develop BPSD*

Dr. Willmar Schwabe Satellite Symposium:
»EGb 761® in Dementia«

Learn more about the prevalence, clinical importance and treatment of BPSD!
SATELLITE SYMPOSIA PROGRAMMES

SATURDAY, 28 MAY

13:00 - 14:30

DR. WILLMAR SCHWABE
13:00 - 14:30 | HALL M1
EGb 761® in Dementia – from pre-clinic to clinic

CHAIRPERSON:
Amos D. Korczyn, TEL AVIV, ISRAEL

"Neurotransmitters and EGb761 in cognitive dysfunction – recent findings"
Jan Kehr, UPPSALA, SWEDEN

"BPSD : prevalence, clinical importance and treatment options"
Armin von Gunten, LAUSANNE, SWITZERLAND

EXCEMED
13:00 - 14:30 | HALL B
Current and future treatments for MS

CHAIRPERSON:
Giancarlo Comi, MILAN, ITALY
Mark Freedman, OTTAWA, CANADA
Per Soelberg Sørensen, COPENHAGEN, DENMARK

Immunology of MS: classical theories and new insights
Tjalf Ziemssen, DRESDEN, GERMANY

From immunology to treatment: current and future therapeutic strategies
Alexandre Prat, MONTREAL, CANADA

From treatments to side effects: preventing and managing risks
Celia Oreja-Guevara, MADRID, SPAIN

Concluding remarks
Giancarlo Comi, MILAN, ITALY
Mark Freedman, OTTAWA, CANADA
Per Soelberg Sørensen, COPENHAGEN, DENMARK

CYNAPSUS
13:00 - 14:30 | HALL M0
From OFF to ON – New approaches to the treatment of OFF episodes in Parkinson's disease

CHAIRPERSON
C. Warren Olanow, NEW YORK, NY, USA

Levodopa-induced OFF episodes – the problem
Fabrizio Stocchi, ROME, ITALY

Current approaches to the treatment of OFF episodes
Anthony Schapira, LONDON, UNITED KINGDOM

Rescue therapies – what’s in the pipeline
C. Warren Olanow, NEW YORK, NY, USA
BRAIN HEALTH:
Translating Scientific Evidence Into Clinical Practice in MS

Chair: Professor Per Soelberg Sørensen, MD, PhD, Denmark

Join us at the Sanofi Genzyme Satellite Symposium
Sunday, May 29th, 13.00 - 14.30hrs
Bella Center, Hall B
What’s New in the Management of Motor Symptoms and Motor Complications in PD?

Find out at the Zambon Satellite Symposium
Sunday May 29
13.00–14.30 Hall C

Zambon is proud to invite you to meet our Experts, and discover more about the innovative treatment, safinamide. At this symposium you will learn exactly how this new therapy can prolong the efficacy window of levodopa in Parkinson’s disease, providing a balanced control of motor symptoms and motor complications.
SATELLITE SYMPOSIUM

Innovations in diagnosis and monitoring of inherited ataxias: a spotlight on NP-C
Chaired by Mathieu Anheim (Strasbourg, France)

Satellite Symposium at the 2nd Congress of the European Academy of Neurology (EAN)
Supported by an educational grant provided by Actelion Pharmaceuticals Ltd

Plan of the Bella Center Copenhagen
Ground Floor
“I’ve just buttoned my own shirt. People say, ‘Is that all?’ I say, ‘to me it’s not all, but it is a great victory.’”

Our aim is to make a big difference to the lives of people with Parkinson’s disease. Even if it’s one small thing at a time.
SANOFI GENZYME
13:00 - 14:30 | HALL B
Brain Health: Translating Scientific Evidence into Clinical Practice in MS

CHAIRPERSON:
Per Soelberg Sørensen, COPENHAGEN, DENMARK

Welcome and Opening
Per Soelberg Sørensen, COPENHAGEN, DENMARK

Brain volume loss in MS: underlying pathophysiology
Heinz Wiendl, MÜNSTER, GERMANY

Lost in Translation? Brain Atrophy from Clinical Studies to Clinical Practice
Andreas Lysandropoulos, BRUSSELS BELGIUM

The Role of Brain Atrophy in Decision-making for Early Treatment
Andrew Chan, BERN, SWITZERLAND

Q & A
Per Soelberg Sørensen, COPENHAGEN, DENMARK

ACTELION
13:00 - 14:30 | HALL M0
Innovations in diagnosis and monitoring of inherited ataxias: a spotlight on NP-C

CHAIRPERSON:
Mathieu Anheim, STRASBOURG, FRANCE

Niemann-Pick disease Type C: blink and you’ll miss it!
John Ealing, MANCHESTER, UK

An algorithm for ataxia: paving the way for differential diagnosis of rare neurological disorders
Mathieu Anheim, STRASBOURG, FRANCE

Detecting NP-C patients in clinical practice: successful screening approaches in patients with unexplained ataxia
Matthis Synofzik, TÜBINGEN, GERMANY

Monitoring movement disorders in the modern world
Elin Haf Davies, LONDON, UK

Question & Answers
All

Summary and close
Mathieu Anheim, STRASBOURG, FRANCE

ZAMBON
13:00 - 14:30 | HALL C
What’s New in the Management of Motor Symptoms & Motor Complications in PD?

CHAIRPERSON:
Bas Bloem, NIJMEGEN, THE NETHERLANDS
Per Odin, BREMERHAVEN, GERMANY

Levodopa: The Mainstay for Managing Motor Symptoms
Per Odin, BREMERHAVEN, GERMANY

How to manage PD progression?
Paolo Barone, SALERNO, ITALY

Introducing Safinamide: A New Therapeutic Options to Address Motor Symptoms & Motor Complications in PD
Werner Poewe, INNSBRUCK, AUSTRIA

Panel discussion

SHIRE
13:00 - 14:30 | HALL M5
THE RARE AND UNDETECTED – Lysosomal storage diseases in neurology

CHAIRPERSON:
Arndt Rolfs, ROSTOCK, GERMANY

Caring for rare neurologic diseases in the EU – challenges and prospects
Arndt Rolfs, ROSTOCK, GERMANY

Parkinson and Gaucher disease – linking the rare and the undetected
TBC

Stroke and fabry disease – common manifestation of a rare disease
Ricardo Reisin, BUENOS AIRES, ARGENTINA

Mucopolysaccharidosis – implications of the blood-brain barrier for treating a rare neurodegenerative disease
Maurizio Scarpa, WIESBADEN, GERMANY

Neuroimaging in diagnosing rare neurologic diseases
Christian Enzinger, INNSBRUCK, AUSTRIA
Disease activity in MS
The B-cell connection

Visit the Roche Booth
Exploring the Interaction between Amyloid and Tau in Alzheimer’s Disease: Implications for Diagnosis, Disease Progression, and Management

Sunday, 29 May 2016: 18.30-20.00

Bella Center, Copenhagen: Hall C

This Satellite Symposium is being held in conjunction with the 2nd Congress of the European Academy of Neurology 2016.

Agenda

18.30-18.45  Introductory Remarks
              John Hardy, UK [Chair]

18.45-19.05  Amyloid and Tau Interactions: How Does Current Knowledge Affect Treatment Targets in AD?
              Bengt Winblad, Sweden

19.05-19.15  Q&A

19.15-19.35  Amyloid and Tau Imaging: What Can They Tell Us, Independently and Together?
              Mark Mintun, USA

19.35-19.55  Panel Discussion
              All

19.55-20.00  Closing Remarks
              John Hardy, UK

Learning Objectives:

At the end of this session, participants will be able to:

- Discuss hypothetical models of the relationship between amyloid and tau
- Understand potential roles of amyloid and tau imaging in diagnosis and management
- Recognize how recent knowledge and developments may influence future drug development

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John Hardy, PhD
Professor of Neuroscience, Institute of Neurology, University College London, London, UK

Mark Mintun, MD
President and Chief Medical Officer, Avid Radiopharmaceuticals, A wholly owned subsidiary of Eli Lilly, Philadelphia PA, USA

Bengt Winblad, MD, PhD
Professor, Director, Karolinska Institutet, Center for Alzheimer Research, Stockholm, Sweden

Light refreshments provided
The Role of Complement in Neurological Disorders

Bella Center Copenhagen | Hall M1
Copenhagen, Denmark
Sunday, 29 May | 18:30 – 20:00
A light reception will be provided at 18:15

Overview:
Complement plays a role in several neurological disorders, including NMO, MG, and neuropathies. Join us to learn about the complement cascade, its role in tissue damage, and the heterogeneity of patients across complement-mediated neurological disorders. Our faculty panel will conclude with a live question-and-answer session.

No CME/CNE credits are associated with this program.

Agenda:

18:30 – 18:40
Welcome and Introductions
Saiju Jacob, MBBS, MD, DPhil, FRCP (Lon)

18:40 – 19:00
Complement in Neurological Disorders
Saiju Jacob, MBBS, MD, DPhil, FRCP (Lon)
Edgbaston, Birmingham, United Kingdom

19:00 – 19:20
Role of Complement in Myasthenia Gravis
James F. Howard, Jr, MD
Chapel Hill, North Carolina, USA

19:20 – 19:40
Complement in Neuromyelitis Optica Spectrum Disorder
Dean M. Wingerchuk, MD, MSc, FRCP(C)
Scottsdale, Arizona, USA

19:40 – 19:55
Question-and-Answer Session Panel

20:00
Meeting Adjournment
Every day, we strive for improved treatment and a better life for people living with psychiatric and neurological disorders – we call this Progress In Mind

All over the world psychiatric and neurological disorders are a growing burden, not only for individuals but for families and societies as well.

An estimated 700 million people worldwide are living with these disorders and far too many suffer due to inadequate treatment, discrimination, a reduced number of working days, early retirement and other unnecessary consequences.

Lundbeck is a specialized pharmaceutical company focused on depression, schizophrenia, Parkinson’s disease and Alzheimer’s disease. For more than 70 years, we have been at the forefront of research within neuroscience and our development and distribution of pioneering treatments continues to make a difference to patients worldwide.

We are recognized for having helped hundreds of millions of people living with psychiatric and neurological disorders. However, there is still a massive need for further help.

Therefore, in the early stage research and development pipeline we are exploring different drug modalities and effects, of both small molecules and antibodies.
SUNDAY, 29 MAY

18:00 - 20:00

ROCHE

18:30 - 20:00 | HALL B

New insights in MS: How are approaches to MS management changing?

CHAIRPERSON:
Per Soelberg Sørensen, COPENHAGEN, DENMARK

Setting sights on optimised MS patient care
Per Soelberg Sørensen, COPENHAGEN, DENMARK

Exploring the impact of the MS disease burden
Eva Havrdová, PRAGUE, CZECH REPUBLIC

Connecting disease activity and progression in MS
Patrick Vermersch, LILLE, FRANCE

Striving for balance in MS clinical practice
Giancarlo Comi, MILAN, ITALY
Tjalf Ziemssen, DRESDEN, GERMANY

The time to act: optimising patient care
Gavin Giovannoni, LONDON, UK

Panel discussion
All faculty and Per Soelberg Sørensen

Meeting close

ELI LILLY

18:30 - 20:00 | HALL C

Exploring the interaction between Amyloid and Tau in Alzheimer’s disease: implications for diagnosis, disease progression, and management

CHAIRPERSON
John Hardy, LONDON, UK

Introductory Remarks
John Hardy, LONDON, UK

Amyloid and Tau Interactions: How does current knowledge affect treatment targets in AD?
Bengt Winblad, STOCKHOLM, SWEDEN

Q&A

Amyloid and Tau imaging: what can they tell us, independently and together?
Mark Mintun, PHILADELPHIA, PA, USA

Panel discussion
All

Closing remarks
John Hardy, LONDON, UK

ALEXION

18:30 - 20:00 | HALL M1

The role of complement in neurological disorders

CHAIRPERSON
Saiju Jacobs, BIRMINGHAM, UK

Welcome and Introductions
Saiju Jacobs, BIRMINGHAM, UK

Complement in Neurological Disorders
Saiju Jacobs, BIRMINGHAM, UK

Role of complement in myasthenia gravis
James F. Howard, CHAPEL HILL, NC, USA

Complement in neuromyelitis optica spectrum disorder
Dean M. Wingerchuk, SCOTTSDALE, AZ, USA

Question-and-answer session
Panel

Meeting Adjournment
Your invitation to the

Novartis sponsored satellite symposium at the 2nd EAN Congress 2016

The real MS

Monday, 30 May 2016, 13:00–14:30
Hall B, Bella Center Copenhagen, Denmark
TALES OF THE UNEXPECTED: ELEMENTARY CLUES TO DIAGNOSING MUSCULAR DISEASES

MONDAY 30 MAY 2016, 13:00–14:30
HALL M1, BELLA CENTRE, COPENHAGEN

Satellite symposium at the 2nd EAN Congress
Copenhagen, May 28–31, 2016
**NOVARTIS**

13:00 - 14:30 | HALL B

The real MS: outcomes and evidence in the real-world

**CHAIRPERSON:**

Maria Trojano, BARI, ITALY

The bigger picture: striving for better long-term outcomes in MS

Tjalf Ziemssen, DRESDEN, GERMANY

Building the evidence: making the most of real-world data

Jan Hillert, STOCKHOLM, SWEDEN

Where can big data take us?: personalised medicine in MS

Sergio Baranzini, SAN FRANCISCO, LA, USA

**SANOFI GENZYME**

13:00 - 14:30 | HALL M1

Tales of the unexpected: elementary clues to diagnosing muscular diseases

**CHAIRPERSON:**

John Vissing, COPENHAGEN, DENMARK

Introduction

John Vissing, COPENHAGEN, DENMARK

Excess of glycogen: pinpointing the cause

John Vissing, COPENHAGEN, DENMARK

Myalgia and exertional dyspnoea: tracking down the cause

Tiziana Mongini, TURIN, ITALY

Limb girdle muscle weakness: the road to a correct diagnosis

Nicolai Preisler, COPENHAGEN, DENMARK

Exertional myalgia: the diagnostic hunt

Cornelia Kornblum, BONN, GERMANY

**EVER NEUROPHARMA**

13:00 - 14:30 | HALL A

Integrating acute and rehabilitation treatment strategies in stroke therapy

**CHAIRPERSON:**

Valeria Caso, PERUGIA, ITALY

Neurorecovery in acute stroke – updates & highlights

Milan Vosko, LINZ, AUSTRIA

Challenges & opportunities in motor recovery after stroke

Andreas Winkler, BAD PIRAWARTH, AUSTRIA

The role of imaging in Stroke Rehabilitation

Jan Sobesky, COLOGNE, GERMANY

Pharmacological Support in Early Rehabilitation – The CARS (Cerebrolysin and Recovery After Stroke) Trial Results

Dafin Muresanu, CLUJ-NAPOCA, ROMANIA
18:30 - 20:00 | HALL C

Multiple Sclerosis – Multiple Solutions – one choice: What’s yours?

CHAIRMAN: Patrick Vermersch, NEUROLOGIST, LILLE, FRANCE
MODERATOR: Astrid Joosten, SYMPOSIUM HOST, ROTTERDAM, THE NETHERLANDS

Facing challenges together
Patrick Vermersch, NEUROLOGIST, LILLE, FRANCE
Astrid Joosten, SYMPOSIUM HOST, ROTTERDAM, THE NETHERLANDS

Keynote lecture: building a family – a patient’s journey
Kerstin Hellwig, NEUROLOGIST, BOCHUM, GERMANY
Stefan Verlohen, GYNAECOLOGIST, BERLIN, GERMANY

60 seconds | Interactive panel discussion
All
Interfering with the immune system
Markus Kleinewietfeld, IMMUNOLOGIST, DIEPENBEEK, BELGIUM

60 seconds | Interactive panel discussion
All

Closing remarks
Patrick Vermersch, NEUROLOGIST, LILLE, FRANCE

Additional panel members:
Heinz Wiendl, NEUROLOGIST, MÜNSTER, GERMANY
Joop Arends, INFECTIOUS DISEASES PHYSICIAN, UTRECHT, THE NETHERLANDS
Bianca Weinstock-Guttmann, NEUROLOGIST, BUFFALO, NY, USA
1 in 3 Patients will not Respond Adequately to Anti-Epileptic Drugs

VNS Therapy® – is an implantable medical device for Drug-Resistant Epilepsy (DRE)

VNS Therapy is an easy to use treatment that controls seizures by sending mild pulses from the generator to the left vagus nerve at regular intervals all day, every day. Can be safely used as an adjunctive treatment, offering proven therapeutic outcomes.

To discover how VNS Therapy could help your DRE Patients visit www.vnsthenozy.com
OVERVIEW OF FORUM PROGRAMMES ORGANISED WITHIN THE EXHIBITION AREA

Additional forum talks reserved after the date of printing will be announced on site.

SATURDAY, 28 MAY
12:45 - 13:00
MEDTRONIC FORUM TALK
How can visualization become a common language for multidisciplinary DBS teams?
Mathieu Chastellain,
MEDTRONIC EUROPE

SUNDAY, 29 MAY
10:00 – 10:30
BOSTON SCIENTIFIC FORUM TALK
Possibilities offered by a DBS Directional System: clinical cases
Manuela Pilleri,
Vicenza, Italy

12:45 – 13:00
MEDTRONIC FORUM TALK
Medtronic DBS and non-motor symptoms
Karen Østergaard (TBC),
Aarhus, Denmark

MONDAY, 30 MAY
10:00 – 10:15
BAYER FORUM TALK
VITAMIN D and MS
Paul Friedemann

12:45 – 13:00
MEDTRONIC FORUM TALK
Long-term clinical experience with Medtronic DBS for Epilepsy
Jukka Peltola,
Tampere, Finland

16:15 – 16:45
BOSTON SCIENTIFIC FORUM TALK
Clinical experience with Vercise PC, directional system
Michael Schüpbach,
Bern, Switzerland

TUESDAY, 31 MAY
10:00 – 10:30
BOSTON SCIENTIFIC FORUM TALK
Directional DBS of the subthalamic nucleus: a pilot study – preliminary observations
Martin Reich,
Würzburg, Germany