Memories of the 6th EAN CONGRESS – Paris - 1st Virtual Congress (Corona-Pandemic) -

The EAN Archivists
Julia Mayer - Klaus V. Toyka - Christian Krarup

The EAN Archive - Keeping the Past for the Future

https://www.eanvirtualcongress.org/
Overarching Theme: “TIME FOR ACTION: PREDICT – PREVENT - REPAIR”
Burden of Neurology - Neurologists in Europe

First cause of disability
Second cause of death in the world
Feigin et al. Lancet Neurol 2019

Third cause of disability
Third cause of death in Europe
Deuschl et al. in preparation

Europe: 85,000 neurologists
(on average 10,000 patients/neurologist)
Thank you to the Local Organising Committee

Marie Vidailhet

Jean-Louis Mas  Bruno Dubois  Louise Tyvaert  Sandra Vukuzic
The EAN Board

PRESIDENT
Franz Fazekas

ACTING PRESIDENT
Claudio Bassetti

PAST PRESIDENT
Günther Deuschl

TREASURER
Elena Moro

SECRETARY GENERAL
Marianne de Visser

PROGRAMME COMMITTEE
Tony Marson

EDUCATION COMMITTEE
Riccardo Soffietti

COMMUNICATION COMMITTEE
Dafin Muresanu

SCIENTIFIC COMMITTEE
Marie Vidailhet
Our partners

European Brain Council (EBC)
European Federation of Neurological Associations (EFNA)
European Medical Agency (EMA)
BioMed Alliance
Subspecialty Societies

African Academy of Neurology (AFAN)
American Academy of Neurology (AAN)
Asian Oceanic Association of Neurology (AOAN)
Pan-American Neurological Society
Pan-Arab Union of Neurologists (PAUNS)

World Health Organisation (WHO)
World Federation of Neurology (WFN)
Virtual Opening

Vision and Mission of the EAN

Vision: Be the home of neurology and advance high quality patient care
Mission: Reduce the burden of neurological diseases

Tony Marson

18:30 Opening Video
18:32 Claudio Bassetti
President’s Address
18:52 Claudio Bassetti
Welcome to the Virtual Congress!
18:55 Anthony Marson
Announcement Opening Speaker
18:57 Yann LeCun
Keynote lecture
19:27 Claudio Bassetti
Presentation of Honorary Member

45,000 Members...
National societies...
900,000,000 Citizens across Europe*

* according to WHO definition of Europe
Yan LeCun – Opening Lecture

The Deep Learning Revolution

Speech recognition: 2010
Image recognition: 2013
Natural language processing: 2015

Deep Learning & ConvNets in Neurology


- Seizure prediction from intracranial EEG
  [Mirowski et al. Clinical neurophysiology 120 (11), 2009]
- Neuroimaging:
  - Detection
    - brain tumors, glioma, intracranial hemorrhage, cranial fracture,...
  - Diagnosis
    - Alzheimer's disease, dementia
  - Segmentation of MR images
    - Blood vessels,
    - perivascular space,...
    - Anatomical regions
      - “DeepNat & DeepNATcrf”
        [Wachinger et al. 2017]
Enjoy the fantastic 2020 EAN congress

Virtual Opening

Marie Vidailhet

Charles Warlow, EAN Honorary Member 2020

1968 Medical Degree, London, UK
Cambridge University, St. Georges’ Hospital
General Medical Training

1971 Aberdeen, Lecturer in Medicine

1974 Neurology Training, London
1976 Oxford Stroke Team
1987 Edinburgh, Chair of Neurology

2008 Retirement
Virtual Opening
The Virtual World
EAN in 2020

Join us
and become a member
of our community

Join us
and be passionately
curious

Join us
to promote excellence
in neurology

Vienna
2021
June 19 – 22

Helsinki
2022
June 4 – 7

Join us and start
building your professional
network now
EAN- Behind the Scenes:

Time Lapse @ EAN Headoffice Virtual Congress Technical set-up

EAN Live Stream

Programme Overview

- **Saturday**
  - 23.05.2020
- **Sunday**
  - 24.05.2020
- **Monday**
  - 25.05.2020
- **Tuesday**
  - 26.05.2020

- **Industry Network Neurohood**
- **EAN ePoster Area**
  - Kindly supported by [Fechy]
- **EAN Booth**
- **EAN Creative**
- **EAN BrainChallenge**
- **Watch Opening Session**
EAN – Board and Committees
Africa TF
Congress Sessions - Excerpts

Room Amsterdam  Motor neurone diseases
18:30 - 19:35

There have been no drug-related AEs leading to withdrawal or treatment discontinuation*

<table>
<thead>
<tr>
<th>Event Type</th>
<th>Patients with at least one AE, n (%)</th>
<th>Total number of AEs</th>
<th>Total number of deaths, n (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ridiplam (391)</td>
<td>41 (100)</td>
<td>254</td>
<td>3 (7)</td>
</tr>
<tr>
<td>AE with total outcome 1</td>
<td>3 (7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAE</td>
<td>24 (56)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAE leading to withdrawal from treatment</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAE leading to dose modification/interruption</td>
<td>1 (2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Treatment-related SAE</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE leading to withdrawal from treatment</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE leading to dose modification/interruption</td>
<td>2 (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Treatment-related AE</td>
<td>7 (17)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Related AE leading to dose modification/interruption</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Related AE leading to withdrawal from treatment</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 3-5 AE</td>
<td>22 (54)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Up to date cut-off 14 Nov 2019. Total events were reported in these instances: (1) Pneumonia with total outcome on study Day 5 in male infant aged 4.5 months after dose. (2) Acute respiratory failure on study Day 15 in male infant aged 3 months after dose, related to Type 1 Skeletal myopathy with total outcome on study Day 19 in male infant aged 4.5 months after dose. Events reported as unrelated to risdiplam and not considered related to the study drug.

The incidence of serious pneumonia declined by approximately half between first and second 6-month periods.

No risdiplam-associated ophthalmologic findings were observed.

Skin events were non-serious and resolved with ongoing treatment.

Giovanni Baranello
FIREISH Part 2: Efficacy and safety of risdiplam (RG7916) in infants with Type 1 spinal muscular atrophy (SMA)

Room Vienna  EAN/EFAS: Highlights in the expanding arena of autonomic disorders
15:00 - 17:00

Gene delivery Strategies

**In vivo gene therapy**
- Monogenic disorders in postmitotic tissues
- Adeno-associated virus derived vectors (AAV)

**Ex vivo gene therapy**
- Proliferating cells
- Retroviral vectors

*Patient hematopoietic stem cells (HSC)

Mario Habek
Clinical implications of autonomic nervous system dysfunction in multiple sclerosis
Congress Sessions - Excerpts

Room Paris
15:00 - 18:15

Recovery from mild traumatic brain injury and repetitive concussions - Level 3

Nicole von Steinbuechel
Sequels of mild traumatic brain injury (TBI)

Nadine Attal
Therapeutic cannabis: is it really helpful for neuropathic pain? - CONTRA

What opinion do you take? (Before)

1. I am Pro
2. I am Con
3. No answer
Presidential Symposium - Named Lectures -

Lundbeck Foundation

The Brain Prize Lecture
CADASIL: yesterday, today and tomorrow
Hugues Chabrier, Paris, France

Moritz Romberg Lecture
Pain and neurologists: never too late
Giorgio Cruecu, Rome, Italy

Charles-Édouard Brown-Séquard Lecture
Coma & chronic disorders of consciousness: in need of better neurological understanding & care
Steven Laureys, Liège, Belgium

Moritz Romberg Lecture
Giorgio Cruecu

The Brain Prize Lecture
Hugues Chabrier

Eduard Brown-Sequard Lecture
Steven Laureys

Pain and neurologists: never too late
CADASIL: yesterday, today and tomorrow
Coma & chronic disorders of consciousness: in need of better neurological understanding & care
Promotion by Social Media
Brain Challenge – Online Quiz

Highlights and Breaking News

Main Auditorium  Highlights of the congress and breaking news
10:30 - 12:30

Projects

- Teaching course 2021 (How to write a scientific article. D Leys & C Sommer)
- Symposium (Gut, microbiota and neurology. K Vonck, A Chan & M Edwards) with a call for articles on this topic.
- Named lectures EAN meeting 2020 and 2021.
- New guidelines
- Podcasts / Videocasts (1/month)
- Social media

Didier Leys
European Journal of Neurology – the home for your research

Videocasts

Highlights of the Congress

Stroke
Yannick Béjot

Movement Disorders
Pascal Derkinderen

Epilepsy
Louise Tuyaert

Neuromuscular Diseases
Louis Querol Gutierrez

Dementia
David Wallon
**Mechanisms of apathy in small vessel disease (SVD)**

Youssuf Saleh, Campbell le Heron, Michele Veldman, Daniel Drew, Olivia Plant, Ursula Schulz, Arjane Sen, Sanjay Manohar, Peter Rothwell and Masud Husain

Mufford Department of Clinical Neuroscience, University of Oxford

---

**Highlights in 5 points**

- Status Epilepticus
- AEDs
- Autoimmune Epilepsy
- Genetic testing
- SUDEP

**Time is Brain**

---

**Post-thrombolysis early neurological deterioration in minor strokes with large vessel occlusion**

Yannick Béjot

Stroke

---

**SUBJECTS AND METHODS**

1. 19 active REMS patients
2. 1 x 11 healthy controls
3. 2 PET and 24 months
4. FA, MD, MTR
5. PET: Lesional Signal Intensity
6. 728 LESIONS

---

**Highlights and Breaking News**

Main Auditorium

10:30 - 12:30

Highlights of the congress and breaking news

---

**Youssuf Saleh**

Tournament Clinical Winner

---

**Louise Tyvaert**

Epilepsy

---

**Vito AG Ricigliano**

Tournament Basic Winner
Closing Ceremony

Outgoing EAN Board Members

- Co-opted Member: David B. Vodusek
- Past President: Günther Deuschl
- Secretary General: Marianne de Visser

MAIN AUDITORIUM

Hand-over of Presidency

- Günther Deuschl: 2014 - 2018
- Claudio Bassetti: 2020 - 2022
- Franz Fazekas: 2018 - 2020

BOARD 2020 on the Map
Highlights of 4 Fantastic Virtual Congress Days

**Highlights Day 1**
- Can we protect and repair the brain after stroke?
- Viral congress
- Infections diseases
- EAN/AAN session on COVID-19

**Highlights Day 2**
- Presidential symposium
- Combating rapid communication: Universal health care coverage
- New guidelines
- Neurological implications of COVID-19

**Highlights Day 3**
- Inflammation & stroke prevention
- Disability progression in multiple sclerosis
- Huntington's disease
- Virtual congress
- Epilepsy surgery
- History of neuroscience: Tomer's syndrome, localization, neuropathology
- Relevance of sex differences in neurological disorders

**Highlights Day 4**
- Non-Alzheimer pathology in the elderly
- Virtual congress
- Epilepsy & pharmaco-resistant patients
- Vienna 2021
- Thank you & see you next year

**Days**
Thanks to the EAN Staff
→ See you all at the 7th EAN Congress in Vienna