



# DANUBE NEUROLOGY NEWSLETTER

## Newsletter No. 28. July, 2017

### INTERNATIONAL DANUBE NEUROLOGY SYMPOSIUM FOR NEUROLOGICAL SCIENCES AND CONTINUING EDUCATION

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**International Danube Symposium for Neurological Sciences and  
Continuing Education:**  
**<http://danubeneurology.eu>**

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## **1. In memoriam Professor Franz Gerstenbrand** (by Professor László Vécsei)



*Univ.-Prof. Dr. h.c. mult. Dr. Franz Gerstenbrand (1924-2017)*

Professor Franz Gerstenbrand, Honorary President of the International Danube Neurology Symposium, died on the 30<sup>th</sup> June, 2017 in Vienna. His leaving is a great loss to our association and we deeply miss our enthusiastic and active Honorary President, but first of all, our great friend. Franz Gerstenbrand finished his studies in Vienna in 1950 and started to work at the University Clinic for Neurology and Psychiatry, Vienna, first as a young assistant, later as a specialist and professor. In 1967, he completed his thesis for habilitation, its subject was the traumatic apallic syndrome. From 1976 on, he had been the Chairman and Professor of the Department of Neurology at the University of Innsbruck and had worked there for over 18 years. His main interests included long-term coma after injuries to the brain and spinal cord, extrapyramidal diseases, neuroimaging, neurorehabilitation and neuroethics. Professor Gerstenbrand's outstanding scientific work is proved by his 786 publications and 12 book chapters.



He recognized early the importance of scientific cooperation between Austrian and Central/East-European neurologists. In collaboration with Professor Hans Hoff, he organized a successful international symposium named „Donau Symposium” in Vienna, 1962. It was later followed by further 48 symposiums in different countries of the region and this initiative of him is active up to the present. The essential merit of Professor Gerstenbrand's activity lays in having built connections between neurologists at a time of political hostilities. First, he was the General Secretary and later the President and Honorary President of the association. The organization of symposia had a special place in his heart. He was an active participant at all of the Danube Symposia as a chair of the meeting, a participant at the roundtable discussions or as a lecturer. He held unforgettable presentations on the themes of his interests also evoking other participant's attention to these special fields of neurology, for example to neuroethics or neurotraumatology. But he was also open to new topics. At the 44<sup>th</sup> Symposium in Szeged, 2012, he gave a lecture on „Hyperbaric oxygen treatment in neurological disorders”. Besides, Professor Gerstenbrand was a regular and enthusiastic member of the association's Management Committee meetings and wrote several reviews and commentaries to the Danube Neurology Newsletter. Only the worsening of the state of his health this year could keep him from the activities related to the association.

First I met Franz in 1991, when together with Professor Csanda, we attended a Danube Curatorial meeting in Innsbruck. He was very friendly and supportive to me and gradually, a close friendship developed between us. In 2004, we celebrated his 80<sup>th</sup> birthday together with 300 neurologists, participants at the Danube Symposium in Szeged. He also visited Szeged on the occasion of the 85<sup>th</sup> birthday celebration of Professor Csanda.

During the last couple of years, we had attended with Franz and his wonderful wife, Gudrun the Danube Teaching Course in Kazimierz, Poland and visited Professors Stemasiaak, Rejdak and our Polish friends on several occasions. At the 33<sup>rd</sup> Danube Symposium (Lublin, Poland, 2001), Professor Gerstenbrand received the Golden Medal of the Medical School, University of Lublin.

This year, the state of his health hindered him to participate at the Symposium in Budapest though he had been keen to come. But his life-long, prominent interest to the Danube community was shown by the long phone calls which kept us in touch all the time during the meeting. We referred to him about the events and he helped us with his advices as usual.

A few days ago I attended the Neurology Teaching Course in Eforie Nord (Constanta) and yesterday I took part at the Committee Meeting of the European Brain Council (EBC) in Brussels and with all the colleagues there, we remembered Professor Gerstenbrand. Franz mentioned me several times that „EFNS was born at the Danube Symposium”.

His successful contribution to the neurological science was recognized by honorary doctorates and several scientific prizes. We recognize the merits of our lost Honorary President and supportive, good friend by keeping the bridge between neurologists at the Danube Association as strong and active as it was intended by him.



Peace to his remains.

Dom Zu St. Stephan, Vienna, 14<sup>th</sup> July, 2017

László Vécsei

## **2. Condolences of Professor Konrad Rejdak and Professor Zbigniew Stelmasiak**

We are very sad that Prof. dr h.c. mult. Franz Gerstenbrand died on 1<sup>th</sup> of July 2017.

Prof. Franz Gerstenbrand will remain in our memory as:

- a GREAT man, dedicated to people in generally,
- an excellent teacher especially of young neurologists from Central South and East Europe,
- the creator, President and organizer of International Danube Symposium Association,
- a good friend of neurologists from Poland and from all over the world.

Polish neurologists will keep the memory of prof. Franz Gerstenbrand in our hearts forever.

Please, pass our condolences to Prof. Gerstenbrand's Family, especially to His Wife.

Prof. Konrad Rejdak                      Prof. Krystyna Mitosek-Szewczyk                      Prof. Zbigniew Stelmasiak

## **3. Topics of the Danube Management Committee Meeting (by Professor László Vécsei)**

**Venue:** Park Inn by Radisson Budapest, **Date:** April 21 (lunch time) 14.10-15.00

### **AGENDA:**

- 1) Introduction (Prof. F. Gerstenbrand, Prof. L. Vécsei)
- 2) Report of the present activities of the International Danube Symposium (Prof. L. Vécsei)
- 2.1 Danube Neurology Newsletter (No 27) (April, 2017) is posted by e-mail (members of International Danube Neurology Association, participants at former Danube Symposia and at the Danube Clinical Neurology Training Courses)
- 2.2 Web-site of the DS, with all Danube Newsletters, other important information, e.g.: future meetings, symposia, etc (<http://danubeneurology.eu>)
- 3) Report of 48<sup>th</sup> Danube Neurology Symposium 5-6 October, 2016, Ljubljana (by Prof. Z. Pirtosek and Prof. L. Vécsei)
- 4) 12<sup>th</sup> Danube Neurology Teaching Conference (Kazimierz Dolny, June, 2016 Poland) (Prof. Z. Stelmasiak and Prof. K. Rejdak)
- 5) Report of the 11<sup>th</sup> World Congress on Controversies in Neurology (CONy-2017, Athens, March 23-26) (Prof. A. Korczyn)
- 6) Future Meetings, Teaching and Training Courses, Exchange Programmes under the auspices of the International Danube Neurology Association: (Danube Neurology Symposia: 13<sup>th</sup> Danube Neurology Teaching Conference (Kazimierz Dolny, June 21.-23, 2017, Poland) (Prof. Z. Stelmasiak and Prof. K. Rejdak), **2018** 50<sup>th</sup> Danube Symposium (Prof. L. Csiba, Prof. L. Vécsei, Debrecen), **2019**: 51<sup>st</sup> Danube Symposium (Prof. O. Bajenaru, Bucharest), **2020**: 52<sup>nd</sup> Danube Symposium (Prof. Konrad Rejdak and Prof. Zbigniew Stelmasiak)
- 7) European Board of Neurology Examination (Prof. L. Vécsei)
- 8) EAN Dept-Dept. and Educational Grants 2017 (Prof. L. Vécsei)
- 9) Common scientific activities in different fields of neurology (Prof. L. Vécsei)
- 10) Harmonisation of Ph.D. Programmes in Europe (scientiometric data: impacts, Q-values, citation, Hirsch index (Prof. L. Vécsei)
- 11) 12<sup>th</sup> NMDPD (Sevilla, Spain, October 4-7, 2018), 11<sup>th</sup> CONY (Warsaw, March 22-25, 2018) (Prof. A. Korczyn)
- 12) European Academy of Neurology (June 24-27, 2017 Amsterdam), (EAN Educational Grants, Clinical Fellowship, Research Fellowship, Spring School, 2017) (Prof. F. Gerstenbrand, Prof. L. Vécsei)
- 13) Neurorehabilitation Program in the Danube Countries (Prof. F. Gerstenbrand)
- 14) Finances of the Danube Neurology Symposia, Training and Teaching Courses: 70:30 between the local organizers and the permanent International Danube Neurology Association Secretariat or to transfer the amount of min. EUR 2,500 to the Secretariat
- 15) Discussion of the collaboration with EAN, WFN, EPDA, EBC and other neurological organizations (Prof. F. Gerstenbrand)
- 16) Varia and Closing remarks (Prof. F. Gerstenbrand)

Yours sincerely,

László Vécsei (Secretary General)

Anett Járdánházy MD PhD (Head of Office)

#### **4. Summary of the 49<sup>th</sup> International Danube Neurology Symposium (2017)** (by Professor László Vécsei)

The 49<sup>th</sup> International Danube Neurology Symposium was organized in April 21-22<sup>th</sup>, 2017, in the capital city of Hungary. Budapest is a great place on the banks of the river Danube, with full of architectural and cultural interests (Buda Castle, Parliament, St. Stephen's Basilica, Vajdahunyad Castle and City Park, 'Várkert Bazár', etc.).

More than 190 participants was registered from at about 10 countries. After the opening ceremony, the conference started with the first session (Danube Lectures) which was about mild cognitive impairment (by Professor Korczyn), ALS and FTD (by Professor Ludolph) and stroke prevention (by Professor Brainin). The topic of the second session was movement disorders (progressive supranuclear palsy, Parkinson's disease) presented by also excellent speakers (Professors Kostic, Relja, Ransmayr, Bajenaru, Rektorova). The poster session was in Friday afternoon (21<sup>th</sup> April) with more than 10 interesting posters. The first poster prize was given to Szabolcs Dvorácskó, who presented the synthesis and pharmacological characterization of opioid- cannabinoid hybrid ligands. There were two sessions for young neurologists also in Friday afternoon: all 18 short lectures were presented by colleagues from Szeged, Pécs, Debrecen, Budapest, Salzburg and Szekszárd. Enjoyable welcome reception was organized in Park Inn by Radisson Budapest, where the participants were able to develop new connections and care for their friendships.

In Saturday (22<sup>th</sup> April) two main sections were presented: one is about epilepsy and severe brain damage (by Professor Rektor and Priv. Doz. Golaszewski), and another one is about stroke (by Professors Muresanu and Brainin). There were 5 Sponsored Symposiums during the two days.

Summary, we hope, that it was a useful and interesting conference for the participants. We would like to say thank to the companies supported the symposium, and to Congress & Hobby Service for the technical organization. We also thank to all of the speakers and delegates for participating in this event.

See you again in Debrecen (Hungary) in April, 2018 in the next Danube Neurology Symposium!



Chairs of the closing ceremony  
(Professor Csiba, Professor Komoly, Professor Vécsei)



Poster discussion (chair: Professor Bajenaru)





Audience of the Danube Symposium

### **5. Summary of the 13<sup>th</sup> International Danube Teaching Course on Neurological Sciences and Continuing of Education in Central South and East Europe in Kazimierz Dolny, Poland**

*(by Professor Konrad Rejdak)*

13<sup>th</sup> International Danube Teaching Course on Neurological Sciences and Continuing of Education in Central South and East Europe was organized by Department of Neurology (Prof. Konrad Rejdak) under the auspices of Rector of Medical University in Lublin (Prof. Andrzej Drop) and International Danube Symposium, in Kazimierz Dolny, 21-23 June 2017. The scientific programme focused on the newest aspects of multiple sclerosis, epilepsy and headache but also included special sessions on child neurology and ultrasonography. The highest educative and scientific level of this conference was guaranteed by the attendance of many internationally recognised experts and scientists from Poland and abroad including prof. Ilan Blatt (Israel). During the first day there was the OPENING CEREMONY chaired by prof. Z. Stelmasiak and prof. K. Rejdak. There were 3 DANUBE LECTURES by P. Nowacki: Diagnostic strategies in new classification of CNS neoplasms – WHO 2016, by K. Rejdak– Unmet needs in MS and Monitoring of treatment and progression in MS. There was also RRMS TREATMENT ALGORITHMS SESSION by Z. Maciejek and K. Rejdak. Besides of it there was MS SESSION with lectures by J. Losy – Primary progressive MS-immunopathology and new perspectives of therapy and by H. Bartosik-Psujek – Induction or escalation in treatment of MS. There was DEBATE: FROM LABORATORY TO PRACTICE IN MS TREATMENT by K. Rejdak and M. Mycko. In the SESSION dealing with STROKE there were lectures by H. Sienkiewicz-Jarosz – Stroke in young patients - diagnostic and therapeutic challenges, by G. Kozera – Stroke – diagnostics in new guidelines and by A. Szczepańska-Szerej – Stroke - prophylaxis in new guidelines. In CHILD NEUROLOGY SESSION there were lectures: by B. Steinborn – Myoclonic epilepsy - do we know everything about it, by K. Mitosek-Szewczyk – Progress in MS therapy in children, by M. Mazurkiewicz-Bęldzińska – Progress in treatment of epilepsy in children and the youth, by T. Kmiec – Deep brain stimulation in children with PKAM. During the first day there was also a parallel session ADVANCES IN NEUROSONOLOGY - Session of Neurosonological Section of Polish Neurological Society in cooperation with Polish Stroke Society with lectures by L. Rzepecka-Wejs – Ultrasound examination of peripheral nervous system, by M. Skowrońska - Transcranial Sonography in neurodegenerative diseases, by T. Tomczyk – Bilateral occlusion of vertebral arteries in ultrasound and clinical follow-up and by J. Wojczal – Reversible cerebral vasospasm syndrome - ultrasound and clinical picture. During the second day there was NEUROREHABILITATION SESSION with lectures by B. Tarnacka – Robotics and neuroplasticity in rehabilitation of walking, and by E. Stelmasiak – Applications of wellness coaching in medical practice and education. There were also EPILEPSY SESSIONS. In EPILEPSY SESSION I there were 2 lectures: by I. Blatt (Israel) – Epilepsy treatment - when to start, when to stop and by K. Rejdak – Update on epilepsy treatment. In EPILEPSY SESSION II there were lectures by J. Jędrzejczak – Up-to-date classification of epileptic fits and syndromes, by J. Czuczwar, K. Borowicz – Basic drug interactions in treatment of epilepsy. In session HOT TOPICS there were lectures B. Błaszczuk – Life risk factors in

epileptology and by P. Dziemidok – Patient with controlled glycaemia - risk of neuropathy? The final session was dealing with EPILEPSY CASE STUDIES by A. Rysz, I. Halczuk, B. Chmielewska. The symposium was very successful. There were more than 300 participants and each session was proceeded by hot discussions.



From the left: prof. P. Nowacki, prof. K. Mitosek-Szewczyk, prof. B. Błaszczyk, dr hab. T. Kmiec, prof. Z. Maciejek, prof. J. Losy, prof. K. Rejdak, prof. Z. Stelmasiak, prof. T. Domżał and others.

**6. First announcement of the 50<sup>th</sup> International Danube Neurology Symposium** (by Professor László Csiba and Professor László Vécsei)

# 50<sup>th</sup> INTERNATIONAL DANUBE NEUROLOGY SYMPOSIUM

## INTERNATIONAL DANUBE NEUROLOGY SYMPOSIUM IS CELEBRATING THE 50<sup>th</sup> ANNIVERSARY IN 2018!

**8-9 JUNE, 2018**

**8-9 JUNE, 2018 • DEBRECEN, HUNGARY**

## FIRST ANNOUNCEMENT

**MARK YOUR CALENDAR!**

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**PRELIMINARY LECTURES:**

- Danube Neurology Symposium
- Symposium of hungarian & foreign invited speakers
- Young Neurologists Session - case reports

**MAIN TOPICS:**

- Stroke
- Multiple sclerosis
- Headache
- Extraparal disorders
- Epilepsy
- Neuromuscular disorders

In 2018 the International Danube Neurology Symposium will be organized together with the Congress of the Hungarian Society of Neurology.

If you are interested in, follow us on the congress website:  
[www.congress-service.hu/2018/mane](http://www.congress-service.hu/2018/mane)

**Symposium home page**  
[www.congress-service.hu/2018/danube](http://www.congress-service.hu/2018/danube)



## **7. Future Conferences, Meetings, Courses and Symposia of the International Danube Symposium for Neurological Sciences and Continuing Education**

### **7.1. The 51<sup>st</sup> International Danube Neurology Symposium**

**Date:** May, 2019

Professor Ovidiu Bajenaru (Bucharest, Romania)

### **7.2. The 52<sup>nd</sup> International Danube Neurology Symposium**

**Date:** 2020

Professor Konrad Rejdak and Professor Zbigniew Stelmasiak (Lublin, Poland)

### **7.3. The 53<sup>rd</sup> International Danube Neurology Symposium**

**Date:** 2021

Applicant: Professor Gerhard Ransmayr (Linz, Austria)

## **8. Historical events and pictures of the International Danube Symposia (1999-2017)**

*(by Professor László Vécsei)*

31 <sup>th</sup>	Danube Neurology Symposium	1999	Szeged	L. Vécsei
32 <sup>th</sup>	Danube Neurology Symposium	2000	Baja	J. Czopf
33 <sup>th</sup>	Danube Neurology Symposium	2001	Lublin	Z. Stelmasiak
34 <sup>th</sup>	Danube Neurology Symposium	2002	Bratislava	P. Traubner
35 <sup>th</sup>	Danube Neurology Symposium	2003	Beograde	V. Kostic
36 <sup>th</sup>	Danube Neurology Symposium	2004	Sofia	S. Yanceva
37 <sup>th</sup>	Danube Neurology Symposium	2005	Ljubljana	Z. Pirtosek
38 <sup>th</sup>	Danube Neurology Symposium	2006	Brno	I. Rektor
39 <sup>th</sup>	Danube Neurology Symposium	2007	Wuerzburg	P. Riederer
40 <sup>th</sup>	Danube Neurology Symposium	2008	Bucharest	O. Bajenaru
41 <sup>th</sup>	Danube Neurology Symposium	2009	Linz	G. Rasnmayr
42 <sup>th</sup>	Danube Neurology Symposium	2010	Zagreb	V. Demarin and M. Relja
43 <sup>th</sup>	Danube Neurology Symposium	2011	Dresden	H. Reichmann
44 <sup>th</sup>	Danube Neurology Symposium	2012	Szeged	L. Vécsei
45 <sup>th</sup>	Danube Neurology Symposium	2013	Prague	E. Ruzicka
46 <sup>th</sup>	Danube Neurology Symposium	2014	Montenegro	V. Kostic and R. Raicevic
47 <sup>th</sup>	Danube Neurology Symposium	2015	Dusseldorf	H.P. Hartung
48 <sup>th</sup>	Danube Neurology Symposium	2016	Ljubljana	Z. Pirtosek
49 <sup>th</sup>	Danube Neurology Symposium	2017	Budapest	S. Komoly and L. Vécsei

**Pictures of the 35<sup>th</sup> International Danube Symposium for Neurological Sciences and Continuing Education (Beograde, 2003):**



Vladimir Kostic, Johan Aarli, Franz Gerstenbrand †, László Vécsei, Slobodan Apostolski



László Vécsei, Vladimir Kostic, Franz Gerstenbrand †, Slobodan Apostolski

## **9. Invitation to the 12<sup>th</sup> World Congress on Controversies in Neurology (CONy) (2018)**

**Dates:** March 22-25, 2018

**Venue:** Double Tree by Hilton Hotel & Conference Centre Warsaw, Skalnica 21, 04-797 Warsaw, Poland

Dear Friends and Colleagues, We are proud to announce that the 12<sup>th</sup> World Congress in Neurology (CONy) will take place in Warsaw, Poland on March 22-25, 2018. In recent years the field of neurology has witnessed enormous growth in clinical and basic data. Conferences are more informative but there is often only limited time for thorough discussions. Consequently a gap appears between the expansion of knowledge and its dissemination and use. CONy provides a platform for international experts to discuss and compare experiences. The core of the CONy Congress are the debates which enable participants to discuss unresolved issues with leading world experts. The Congress aims at providing the most recent data arming the clinician with reliable, up-to-date scientific information, helping in everyday patient care.

We cordially invite you to join us in the beautiful city of Warsaw!

Sincerely, Amos Korczyn (Israel), Jaroslaw Slawek (Poland)

CONy 2018 Co-Chairpersons

**Main Topics:** Alzheimer's diseases and dementia, Epilepsy, Headache, History of neurology in Poland, Multiple sclerosis, Neuroimmunology, Parkinson's diseases and other movement disorders, Rehabilitation, Sleep, Stroke, Wilson's disease

## **10. Invitation to the 4<sup>th</sup> Congress of the European Academy of Neurology (EAN) (2018)**

**Dates:** June 16-19, 2018

**Venue:** Lisboa Congress Centre, Praça das Indústrias, 1300-307 Lisboa, Portugal

Dear Colleagues and Friends, On behalf of the European Academy of Neurology and the Portuguese Society of Neurology, we are pleased to invite you to the 4<sup>th</sup> Congress of the European Academy of Neurology (EAN) taking place in Lisbon, Portugal from June 16-19, 2018. The overarching theme for the Lisbon congress will be 'Neurogenetics'. Diagnosis and treatment are increasingly using genetic methods and one purpose of the congress is to highlight clinically useful aspects of genetic medicine in Neurology. But as always, progress in all fields of neurology will be presented and participants will be updated about recent developments and news in clinical neurology. The selection of the educational programme is meanwhile organised within a newly adapted 5-year EAN educational curriculum. This curriculum is covering all important aspects a neurologist should learn and update in this period. Lisbon is a modern town, easily accessible from almost everywhere, where you can enjoy the hospitality of its people, walking around town exploring culture, arts and food. The charming capital of Portugal is located by the wide estuary of Tagus River where you will find scenic views from almost every corner. Here, you can absorb the unique scent of the near Mediterranean, mild and pleasant climate of early summer and the peculiar luminosity of a blue sky reflected on its white ancient houses in historic areas. Lisbon is dominated by its castle, more than one thousand years old, with a unique view. This is a city full of history where you may feel the ambiance of the old arab neighborhood of Alfama and Mouraria, where Fado, the national sentimental song, was born. Needless to say that it was from Lisbon, that the navigators left to discover the world and you can meet history at several museums and monuments. EAN and the Portuguese Society of Neurology are looking forward to welcome the European neurological community to celebrate the strength and beauty of our field and to get inspired by meeting with colleagues and friends.

Paul Boon

Günther Deuschl

Joaquim Ferreira

**Topics: Symposia:** Tauopathies: Pathophysiology, clinical features and experimental therapies, ILAE-CEA/EAN: Diagnosing genetic epilepsies, ESO/EAN: Cerebral small vessel disease - recent advances and clinical implications, EAPC/EAN: Palliative care and neurology, The spectrum of dementias, Coma: Neuromodulation, imaging and neurobiology, A new look in neuropathogenesis of multiple sclerosis, Advances in molecular characterisation and personalised therapies in brain tumors

**Focused Workshops:** Brain health in multiple sclerosis: a catalyst for a new approach to management, Biomarkers of neuromuscular disorders, The importance of brain network re-organisation in old age and for successful rehabilitation after stroke, Ability to drive in neurological disorders, Overarching Theme, MDS-ES/EAN: Management of Parkinson's disease in non-routine circumstances, ILAE-CEA/EAN: Epilepsy surgery in 2018: has anything changed in the last decades?, Impact of technology in neuro-rehabilitation, Overarching Theme, Lost in space - clinical and neurobiological aspects of topographagnosia, Blocking CGRP for the treatment and prevention of migraine and cluster headache attacks, Neurogenetic avenues in dementia, Autoimmune encephalitis in the Intensive Care Unit (ICU), MDS-ES/EAN: Evidence-based medicine and beyond in neuropsychiatric complications of Parkinson's diseases, Guillain-Barré Syndrome: New developments in immunology, electrophysiology and treatment, ESO/EAN: Precision medicine in stroke

**Special Sessions:** MDS-ES: European Basal Ganglia Club, Guideline production, EFAS/EAN: Autonomic dysfunction as early markers in rare and neurodegenerative diseases, Rare neurological diseases, Neurological disorders of famous composers, RRFS Mediterranean Session, History session, EBC/EAN: The economic Value of Treatment (VoT) of brain disorders, EFNA, Population, migration and neurological disorders

**Teaching courses:** MDS-ES/EAN: Dystonia - how to recognise and treat – Level 1, How to proceed with a suspected myopathy? – Level 1, The diagnoses of ALS – old and new approaches – Level 2, Neuroimaging and early detection of neurological diseases – Level 2, Acute emergencies in neuromuscular disease – Level 2, Update on MS treatment – Level 1-2, Clinical neurophysiology in neuro-rehabilitation – Level 2, Tips and tricks in diagnosing headache disorders – Level 1, ESO/EAN: New insights in the management of patients with ischaemic stroke or TIA – Level 2, Current treatments in neurology – Level 1, MDS-ES/EAN: Evidence-based medicine in the treatment disabling motor and non-motor trouble in Parkinson's disease – Level 2, ILAE-CEA/EAN: How to approach EEG and avoid over-reading in epilepsy – Level 1 (12), New concepts in critical care of stroke patients – Level 3, How to approach a patient with neuropathy: from symptoms to diagnosis – Level 2 (14), The “difficult to treat” headache patient – Level 3, Autoantibodies in neurological disorders – Level 2, Advanced neuro-sonology – Level 3, Basics of sleep medicine – Level 1, The neurological bedside examination – a practical guide based on the EAN e-book – Level 1

**Case-based workshops:** End-of-life care for neurological patients, Cases of drophead, camptocormia and axial weakness and related treatment, The process of multiple sclerosis diagnosis, Difficult decisions in treatment of myasthenia gravis, Neurogenetics goes therapy, ILAE-CEA/EAN: Antibodies causing epilepsy, Rare headache syndromes: idiopathic or symptomatic?, Challenging cases of infections of the nervous system, Imaging selection of stroke patients for specific treatment interventions

**Career development sessions:** Etiological investigation of disease: case-control studies, European Journal of Neurology session: How to write and publish academic papers, Abstract, poster and presentation tips for success at international meetings, Drug development in neurology

**Controversies:** Controversies in steroids in neuroinfections & in epilepsy, Controversies in the diagnosis of Alzheimer's disease & in multiple sclerosis

**Hands-on courses:** Motor Unit Number Index (MUNIX) and phrenic nerve conduction studies – Level 3, Nerve conduction studies and nerve echography – Level 1, Tilt-table testing in neurology and clinical neurophysiology – Level 2, Ultrasound in vascular diagnosis – Level 1, Interpreting MRI in practice – Level 2, Neuro-otology – Level 2, Basic EMG - needle EMG and transcranial magnetic stimulation as an electrodiagnostic tool – Level 2

**Interactive sessions:** ILAE-CEA/EAN: New ILAE classification of the epilepsies: applicability of new concepts and terminology in clinical practice, Update in chronic headache disorders, Treatment decisions in some difficult scenarios of acute ischemic stroke, How to diagnose acute vertigo and acute double vision, Diagnostic pitfalls in neuromuscular disease, Not every twitch or movement is a seizure in the neurological ICU, MDS-ES/EAN: Mixed movement disorders: what do we see and how do we approach, Is it a vasculitis or not?



## **11. Invitation to the 12<sup>th</sup> International Congress on Non-Motor Dysfunctions in Parkinson's Disease and Related Disorders (2018)**

**Dates:** October 4-6, 2018

**Venue:** Meliá Sevilla Calle Dr. Pedro de Castro, 1, 41004 Sevilla, Spain

Following the successful NMDPD Congresses in Ljubljana, Slovenia we are delighted to invite you to join us for the 12<sup>th</sup> International Congress on Non-Motor Dysfunctions in Parkinson's Disease and Related Disorders, taking place in Seville, Spain on October 4-7, 2018. We hope that our congress in this vibrant and charming city will be as much a success as previous congresses. NMDPD's aim is to discuss the new developments in the understanding of the non-motor aspects of Parkinson's disease and other movement disorders and their management. During this exciting congress, we shall have an opportunity to deliberate on brain diseases and how they contribute to cognition and behavior. We shall discuss the psychological markers of Parkinson's dementia and of dementia with Lewy bodies, and also the biochemical and genetic factors involved. The identification in recent years of widespread alpha-synuclein deposits, from the periphery and up to the cortex, has contributed to our understanding but at the same time raised new and still unanswered questions as well as exciting new therapeutic possibilities. The overlap with Alzheimer's disease and with fronto-temporal dementia will be two other central issues. Delirium, dementia, anxiety, psychosis and impulse control disorders frequently affect the lives of patients and caregivers even more than motor disturbances, and they therefore deserve special attention. Besides cognitive impairment, patients with movement disorders frequently complain of disturbances of the autonomic nervous system, REM sleep behavior disorder, and hyposmia, to name just a few. All these aspects will be discussed in detail. We encourage you to not only attend the congress but to also submit an abstract, thereby contributing to what we are confident will be a splendid scientific program in an amazing environment. Seville, a picturesque city, will provide a wonderful opportunity to exchange ideas and present new research findings.

We look forward to hosting you in beautiful Seville!

Yours Sincerely, Amos Korczyn (Israel), Ray Chaudhuri (UK), Jaime Kulisevsky (Spain)

**Main Topics:** Autonomic dysfunction, Biomarkers, Deep brain stimulation (DBS), Dementia with Lewy bodies, Dystonia, Fatigue and sleep, Frontotemporal demetias, Genetics, Impulse control disorders, Lifestyle modifications, Management, Neuroimaging, New drugs, Olfaction, Pain, Psychosis, Sex problems, Sleep, Speech disorders, Vascular Parkinsonism

## **12. Present and Future Activities of the International Danube Symposium for Neurological Sciences and Continuing Education**

- The **International Danube Symposium for Neurological Sciences and Continuing Education** fosters and coordinates fellowship programs for young neurologists from Danube Countries
- Coordination of future **Danube Neurology Symposia**
- The **Danube Neurology Newsletter** is available free of charge (also downloadable) on Internet in electronic version
- Information about future events (**Calendar of events**)
- We also consider as our task to help with the activity of the **EAN** in the Danube-countries.

## **13. Finances of the International Danube Symposium for Neurological Sciences and Continuing Education**

According to previous decision of the Danube Neurology Curatorium Meeting, the financial sources of the International Danube Symposium for Neurological Sciences and Continuing Education from all kinds of symposia, conferences, meetings, teaching/training or other kinds of courses under the roof and auspices of our organization, are as follows:

According to a final report of the meetings, symposia, etc. to be handed in electronically to the Head Office in Szeged, Hungary, the financial surplus of all meetings should be divided 70:30 between the Local Organizers and the permanent International Danube Neurology Symposium Head Office in Szeged, Hungary. Or the amount of min. EUR 2,500 is to be transferred – together with the financial report – to the Head Office according to our invoice.

## **14. Web-site of the International Danube Symposium for Neurological Sciences and Continuing Education**

The home-page of the International Danube Symposium for Neurological Sciences and Continuing Education consists of:

- the contents of all Newsletter (Nr.1-28)
- Managing and Executive Board Members of the International Danube Symposium for Neurological Sciences and Continuing Education
- Past and future Symposia, Conferences, Meetings
- Other further important information.