

## 2<sup>nd</sup> International Conference on Neurological Disorders and Neurorestoration



### May 19, 2022 Thursday

18:00 – Conference Opening ceremony

1815 – 1930 Plenary lectures

2022: Progress in ALS Therapeutics

M. Cudkowicz, Head of Neurology Clinic, Harvard Medical School, USA

How to identify and characterize prodromal Parkinson's disease? The model of REM Sleep Behaviour disorder  
Wolfgang Oertel, Department of Neurology, University of Marburg, Germany  
President of the European Brain Council

19.30 Welcome dinner and Get together on the terrace

### May 20, 2022 Friday

#### Neuroinflammatory diseases

0830 – 0900 Chronic inflammatory demyelinating polyneuropathy- just an ordinary neuropathy or something more?

E. Bilić, Clinical Hospital Center Zagreb, Croatia

0900 – 0930 Kir4.1 channel - an universal target in ALS glia

P. Andjus, Institute of Physiology and Biochemistry "Ivan Djaja", University of Belgrade, Serbia

0930 – 1000 On brains and vessels. How perivascular fibroblasts contribute to ALS neurodegeneration

S. Lewandowski, Royal Institute of Technology, Stockholm, Sweden

1000 – 1030 Break

1030 – 1100 Roche Sponsored Symposium MS

1100 – 1130 Early high-efficacy therapies for MS

R. Milo, Barzilai Medical Center, Israel

1130 – 1200 Management of MS during COVID-19 pandemic

M. Habek, Clinical Hospital Center Zagreb, Croatia

1200 – 1245 Novartis Sponsored Symposium MS

1245 – 1315 Merck Sponsored Symposium MS

1315 – 1430 Lunch

#### Neurodegenerative and Extrapyrmidal Diseases

1430 - 1500 Genzyme Sanofi Sponsored Symposium MS

1500 – 1530 Biogen Sponsored Symposium Bilić, Koritnik SMA CRO/SLO „Nusinersen in adult SMA patients - our results “



1530 – 1600 Novartis Sponsored Symposium: N. Barišić Spinal muscular atrophy treatments race (SMARt): gene replacement or splicing modifiers?

1600 – 1630 Roche Sponsored Symposium Bilić, Sitaš „SMA – Story beyond the motor neuron“

*1630 - 1700 Break with posters*

1700 – 1730 Modelling neurodegenerative diseases using human cerebral organoids  
D. Nižetić, Blizard Institute, Queen Mary University of London, UK

1730 -1745 Molecular and immunological mechanisms of Parkinson's disease  
F. Borovečki, Clinical Hospital Center Zagreb

1745 – 1800 Parkinson's disease versus parkinsonism  
S. Telarović, Clinical Hospital Center Zagreb

1800 – 1815 Parkinsonism and COVID-19  
Z. Trkanjec, Sestre milosrdnice University Hospital Center, Zagreb

1815 – 1845 Abbvie Symposium Parkinson (Borovečki, Telarović)

**20.00 Conference Dinner**

## **May 21, 2022 Saturday**

### **Neurorestoration**

0830-0900 Cellular and Molecular Spinal Cord Surgery

N. Boulis, Emory University Department of Neurosurgery, USA

0900-0930 The cystine/glutamate xCT antiporter: yet another glial glutamate transporter modulating recovery following spinal cord injury?

C. Nicaise, University of Namur, Belgium

1000-1015 Vibratory evoked potentials in intraoperative neurophysiological monitoring

M. Zmajević Schonwald, Clinical Hospital Center „Sestre Milosrdnice“, Croatia

*1015-1045 Break*

1045-1100 Critical factors responsible for therapeutic effect of cell therapy

A. Sarnowska, Mossakowski Medical Research Centre, Poland

1100-1115 Ghrelin-mediated regeneration and plasticity after nervous system injury

D. Lutz, Ruhr University Bochum, Germany

1115 – 1130 Spinal cord injury: does it affect testis?

D. Ježek, Medical School University of Zagreb and Clinical Hospital Center Zagreb

1130 – 1145 Electromagnetic fields and the Nervous System: Computational Modeling and Therapeutic Application

J. Isaković, Omnion Research International

1145 – 1200 Sport and brain plasticity

S. Morović, Clinical hospital Aviva

1200-1215 Stem cells attenuate cell death in animal model of stroke

D. Mitrečić, University of Zagreb School of Medicine

*1215-1330 Lunch*



## **Epilepsy**

1330 – 1345 Progressive myoclonus epilepsies – clinical challenges

Ž. Petelin Gadže, Clinical Hospital Center Zagreb, Croatia

1345 – 1400 Seizure semiology and epileptogenic network

Vlatko Šulentić, Clinical Hospital Center Zagreb, Croatia

1400 – 1415 The role of pharmacogenetics in individual approach to AED titration in pregnant women with epilepsy

Iris Zavoreo, Clinical Hospital Center „Sestre Milosdrnice“, Croatia

1415 – 1430 Long-term epilepsy associated tumors

Andreja Bujan Kovač, Clinical Hospital Center Zagreb, Croatia

1430 – 1500 Pliva Sponsored Symposium

*1500 – 1600 Break with posters*

## **Cerebrovascular diseases**

1600 – 1615 Evaluating brain damage and repair after ischemic lesion by multimodal in vivo imaging

S. Gajović, University of Zagreb School of Medicine, Croatia

1615 – 1630 Neurodegeneration after stroke - can we do something

Z. Poljaković-Skurić, Clinical Hospital Center Zagreb, Croatia

1630 – 1645 Cerebrovascular diseases and age-related immune alterations

M. Roje Bedeković, Clinical Hospital Center „Sestre Milosdrnice“, Croatia

1645 – 1700 Sex and gender in neurological disease

A. Lovrenčić – Huzjan, Clinical Hospital Center „Sestre Milosdrnice“, Croatia

1700-1715 Brain and retinal ischemia in diabetes mellitus

Marina Radmilović, University of Zagreb School of Medicine, Croatia

*1900 Closing ceremony*

## **22. svibanj 2022./ May 22, 2022**

### **Neuroscience, neurology and psychiatry**

0830 – 0900 Guardians of the brain's resilience – phasic events of sleep

I. Rosenzweig, Kings College London, UK

0900 - 0915 Cognitive impairment in obstructive sleep apnea

B. Barun, Clinical Hospital Center Zagreb, Croatia

0915 – 0930 Brain, sleep, inflammation – neuropsychiatric perspective

D. Vidović, University Psychiatric Hospital Vrapče

0930 – 0945 Insomnia treatment: cognitive behavioural therapy or sleep medications

M. Mioč, University Psychiatric Hospital Vrapče

0945 – 1000 Splenectomy - monocyte depletion model in experimental rodent stroke

A. Glasnović, University of Zagreb School of Medicine

1000 – 1030 Selected PhD students' presentations

