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Scientific Program  
7th Congress of the Society for the Study of Neuroprotection and  
Neuroplasticity  
Krakow, March 31st – April 3rd, 2011

**FRIDAY / 1st April 2011**

08:15 – 08:30 – Welcome Address (Dafin F. Mureşanu, Natan Bornstein, Vladimir Hachinski, Hari Shanker Sharma, Anna Członkowska)

**Presidential Session**

08:30 – 09:00

Dafin F. Mureşanu (Romania) | Pathological neuroplasticity in impulse control disorders

09:00 – 09:30

Natan Bornstein (Israel) | Stress and stroke

09:30 – 10:00 - Special lecture by Vladimir Hachinski (Canada) | Subclinical strokes and insidious Alzheimer disease: a new frontier in prevention?

**10:00 – 10:20 Coffee Break**

**Session 1 – Stroke**

Chairperson: Anna Członkowska, Paule Merle

10:20 – 10:40

László Csiba (Hungary) | Interventions in acute ischemic stroke

10:40 – 11:00

Vida Demarin (Croatia) | Stroke and neuroplasticity

11:00 – 11:20

Roberto Maturana (Chile) | Neuroplasticity and brain repair after stroke

11:20 – 11:40

Exuperio Díez-Tejedor (Spain) | Brain repair therapies in ischemic stroke. The role of trophic factors and stem cells



11:40 – 12:00

László Vécsei (Hungary) | Novel therapeutic strategies of stroke and neurodegenerative disorders: the role of kynurenines

Discussions – 12:00 – 12:10

12:10 – 13:40

Ever Neuro Pharma Symposium

Chairmen - Natan Bornstein, Dařin F. Mureřanu

Michael Chopp (USA) | Cerebrolysin and remodeling of ischemic brain

Natan Bornstein (Israel) | Lesson learned from CASTA trial and future perspectives

Volker Hömberg (Germany) | Pharmacological support of neurorehabilitation

Dařin F. Mureřanu (Romania) - Conclusions and comments

13:40 – 14:30 Lunch

Session 2 – Traumatic Brain Injury

Chairperson: Antonio Federico, Harry Steinbusch

14:30 – 14:50

Pieter E. Vos (The Netherlands) | Moderate and severe traumatic brain injury: a prospective multicentre cohort study

14:50 – 15:10

Bogdan O. Popescu (Romania) | Early Cerebrolysin treatment in traumatic brain injury – a large retrospective, national, multicenter cohort study

15:10 -15:30

Beata Sániová (Slovakia) | Neuroprotective therapeutic results in comatous patients with amantadin sulfate

15:30 – 15:50

Klaus von Wild (Germany) | Unresponsive wakefulness syndrome (UWS) - Proposal for a new terminology of apallic syndrome / vegetative state

15:50 – 16:00 - Discussions

16:00 – 16:30 – Coffee break



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16:30 – 18:30 Special Parallel Session: Ibero-American Stroke Experts Workshop  
Chairman - Exuperio Díez-Tejedor (Spain)  
Venue: Warszawa Meeting Room

Session 3 – Neurorehabilitation (I)  
Chairperson: Volker Hömberg, Pieter E. Vos

16:30 – 16:50  
Heinrich Binder (Austria) | Critical illness: early rehabilitation of sequelae essential

16:50 – 17:10  
Anna Członkowska (Poland) | Dose BDNF -196 G>A and -270 C>T polymorphisms is associated with clinical course of multiple sclerosis and stroke recovery?

17:10 – 17:30  
Gelu Onose (Romania) | Our experience with neurorehabilitation TBI patients, treated with Cerebrolysin

Discussions – 17:30 – 17:40

Session 4 – Neurorehabilitation (II)  
Chairperson: Heinrich Binder, Klaus von Wild

17:40 – 18:00  
Volker Hömberg (Germany) | Future aspects of motor therapies in neurorehabilitation

18:00 – 18:20  
C.D. Popescu (Romania) | Electrophysiological dysfunction of corpus callosum in patients with multiple sclerosis

18:20 – 18:40  
Maciej Krawczyk (Poland) | Recent advances in neurorehabilitation

18:40 – 18:50 – Discussions

20:45 – Welcome Reception / Sponsored by SSNN



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## SATURDAY / 2nd April 2011

### Session 5 – Dementia and Neurodegenerative Disorders (I)

Chairperson: Rudolph Castellani, Laszlo Csiba

08:30 – 08:50

Amos Korczyn (Israel) | Why have we failed to cure Alzheimer's disease?

08:50 – 09:10

Anton Alvarez (Spain) | Trophic factors: role in AD pathology and therapy

09:10 – 09:30

Ovidiu Băjenaru (Romania) | What are the targets for potential neuroprotection in multiple sclerosis?

09:30 – 09:50

Stavros J. Baloyannis (Greece) | The Golgi apparatus in Alzheimer's disease

09:50 – 10:00 Discussions

### Session 6 – Dementia and Neurodegenerative Disorders (II)

Chairperson: Amos Korczyn, Stephen Skaper

10:00 – 10:20

Raul Arizaga (Argentina) | Neurodegeneration vs neuroprotection - the cognitive and behavioral impairment equation

10:20 – 10:40

Peter Riederer (Germany) | Risk factors for cognitive decline and dementia

10:40 – 11:00

Emil C. Toescu (UK) | Increased neuronal vulnerability in normal brain ageing

11:00 – 11:10 Discussions

11:10 – 11:30 Coffee break



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**11:30 – 12:30 GSK Symposium**

Amos Korczyn (Israel) | Do we need to redefine PD?

Ovidiu Băjenaru (Romania) | Utility of the PDSS score for evaluating patients with Parkinson's disease

Dafin F. Mureșanu (Romania) | New approaches in long term care management of Parkinson's disease

**Session 7 – Mood and Cognitive Disorders**

Chairperson: Russell Andrews, Mohamed El Tamawy

12:30 – 12:50

Johannes Thome (UK) | Neurotrophic factors and synaptic vesicle proteins: a common pathophysiology in depression and dementia?

12:50 – 13:10

Boris Kotchoubey (Germany) | Attentional mechanisms of mood control: Neurophysiological correlates of mindfulness in recurrent depression

13:10 – 13:30

Jeffrey Schwartz (USA) | Mindful awareness, quantum mechanics and self-directed neuroplasticity

13:30 – 13:50

Simone Lang (Germany) | Neural correlates of empathy to pain in patients with disorders of consciousness

13:50 – 14:00 Discussions

**14:00 – 15:00 – Lunch**

**Session 8 – Basic Research (I)**

Chairperson: Johannes Thome, Bogdan O. Popescu

15:00 – 15:20

Harry Steinbusch (The Netherlands) | Prevention of age-related changes in hippocampal levels of 5- methylcytidine by caloric restriction

15:20 – 15:40

Hari Shanker Sharma (Sweden) | Superior neuroprotective effects of Cerebrolysin in heat stroke following nanoparticles treatment

15:40 – 15:50 Discussions



Session 9 – Basic Research (II)

Chairperson: Peter Riederer, Anton Alvarez

15:50 – 16:10

Paule Merle (USA) | Neonatal ketamine anesthesia, neuronal cell death and long-lasting cognitive deficits in nonhuman primates

16:10 – 16:30

Ștefan Florian (Romania) | Complex investigation of angiogenesis in Glioblastoma Multiforme stem cells

Discussions – 16:30 – 16:40

Coffee Break – 16:40 – 17:00

Session 10 – Neurotrophic factors - new therapeutic approaches

Chairperson: Ovidiu Băjenaru, Ștefan Florian

17:00 – 17:20

Antonio Federico (Italy) | Mitochondrial functions and dysfunctions in some inherited neurological diseases as a model of neuroregeneration and neuroprotection

17:20 – 17:40

Tomasz Gaszynski (Poland) | Cerebrolysin in treatment of consciousness disturbances in ICU and its influence on brain tissue oxygenation measured with NIRS monitor

17:40 – 18:00

Cornel Cătoi (Romania) | Neuromodulation following connection of the first motor neuron to the peripheral nerve stump via grafting in rats

18:00 – 18:20

Andrzej Glabinski (Poland) | Neuroinflammation and neurodegeneration in multiple sclerosis and its experimental models

Discussions 18:20 – 18:30

20:30 – Gala Dinner / Sponsored by EVER NEURO PHARMA



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**SUNDAY / 3rd April 2011**

**Session 11 – Basic Research (III)**

**Chairperson: Hari Shanker Sharma, Raul Arizaga**

08:30 – 08:50

Stephen Skaper (Italy) | Amyloid and Alzheimer's Disease

08:50 – 09:10

Russell J. Andrews (USA) | Future neuroprotection and neuroplasticity: from 'shotgun' drugs and electrodes to 'laser-precise' electrochemical therapeutics

09:10 – 09:30

Rudolph Castellani (USA) | Granulovacuolar Degeneration is the human homologue to stress granules: implications for Alzheimer's disease pathogenesis

09:30 – 09:40 – Discussions

**Session 12 – Epilepsy**

**Chairperson: Anwar Etribi, Emil Toescu**

09:40 – 10:00

Anca Buzoianu (Romania) | Genotype-phenotype correlations between the alleles of the CYP2C19 polymorphism and pharmacokinetic parameters in Romanian epileptic patients

10:00 – 10:20

Hassan Hosny (Egypt) | Subtypes of nonconvulsive status epilepticus

10:20 – 10:30 – Discussions

**Coffee Break – 10:30 – 11:00**

**Session 13 – New approaches in neurorehabilitation**

**Chairperson: Hassan Hosny, A. V. Ciurea**

11:00 – 11:20

Mohamed El-Tamawy (Egypt) | Brain death: Towards an active diagnosis

11:20 – 11:40

A.V. Ciurea (Romania) | Timing of neuroprotection and neurorecovery in acute traumatic brain injuries (TBI)



11:40 – 12:00

Awar Etribi | The effect of neuroprotection and repetitive transcranial magnetic stimulation in stroke patients.

12:00 – 12:20

Józef Opara (Poland) | Novel methods of post-stroke rehabilitation enhancing use-dependent plasticity of brain

12:20 – 12:30 – Discussions

12:30 – 13:00 – Closing remarks – Dafin F. Mureşanu, Natan Bornstein  
Hari Shanker Sharma

13:00 Lunch