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THE SOCIETY FOR THE STUDY OF
NEUROPROTECTION AND
NEUROPLASTICITY



Romanian Neurological Society

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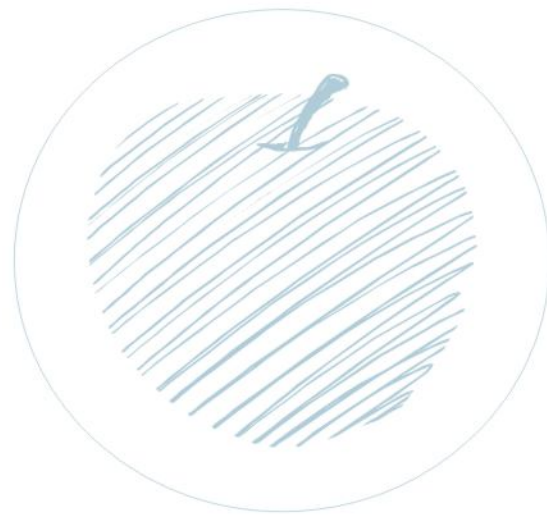
The 3rd International Congress of the Society for
the Study of Neuroprotection and Neuroplasticity

ABSTRACT BOOK

22-25 March
2007



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The 3rd International Congress
of the Society for
the Study of Neuroprotection
and Neuroplasticity

BUCHAREST
22-25 March
2007

Day	Time frame	Duration	Session/Speaker	Title
Thursday		45 min		
	16:00-16:45		Mathias Maurer (DE)	A new option for treating Relapsin Remitting MS
Thursday		45 min		
	16:45-17:00	15 min	Ovidiu Bajenaru (RO)	Clinical proofs of benefits of slow-absorption ropinirol treatment
	17:00-17:15	15 min	Bogdan Popescu (RO)	Clinical efficiency of dopaminergic agonists - clinical cases
	17:15-17:30	15 min	Dafin Muresanu (RO)	The concept of therapeutically reserve
Thursday		1 h 20 min	Scientific Session I	Chair: Pieter E. Vos and Natan Bornstein
	17:30-17:50	20 min	Pieter Vos (NL)	Diagnosis and treatment of diffuse axonal injury
	17:50-18:10	20 min	Vecsei Laszlo (HU)	Redox disturbances and kynurenines in multiple sclerosis : natural neuroprotective mechanisms
	18:10-18:30	20 min	Natan Bornstein (IL)	Atherosclerosis, inflammation, stress in acute ischemic stroke
	18:30-18:50	20 min	Klaus von Wild (DE)	Brain protection after acute cerebral lesions via Clinical assessment of impaired brain functioning with the aid the German Coma Remission Scale (CRS)
Thursday		20 min	Book release	Kynurenines in the Brain : From Experiments to Clinics
	18:50-19:10	20 min	Vecsei Laszlo and Ovidiu Bajenaru	
Thursday	20.00		Festive dinner	

Day	Time frame	Duration	Session/Speaker	Title
Friday	8:15-8:45		Opening Ceremony	
Friday		1 h 30 min	Scientific Session II-Neuroregeneration	Chair: Raymond Birge and Dafin Muresanu
	8:45-9:15	30 min	Raymond Birge (USA): Key Note Speaker	Small Molecule Immunophilin Ligands and Nerve Regeneration
	9:15-9:35	20 min	Michael Thompson (CAN)	Neural Biosensors and Techniques for the In Vitro Detection of Neural Interactions
	9:35-9:55	20 min	Larisa Cheran (CAN)	Neural Resonance And Synchronous Oscillatory Activity
Friday	9:55-10:15	20 min	Coffee Break	
Friday		45 min		
	10:15-10:35	20 min	Ovidiu Bajenaru (RO)	Opioids role in management of neuropathic pain
	10:35-10:55	20 min	Cristina Tiu (RO)	Management of neuropathic pain in a case of spinal arterio-venos malformation
Friday		1 h 40 min	Scientific Session III Nanoscience & nanoneurotoxicology	Chair: Hari Shanker Sharma and Russell Andrews
	10:55-11:25	30 min	Russell Andrews (USA): Key Note Speaker	From Macro to Nano: Progress in Neuromodulation, Neuroprostheses and Neurorepair
Friday	11:25-11:45	20 min	Torbjorn Lundstedt (SWE)	Profiling of endogenous metabolites in spinal fluid - before and after a trauma
	11:45-12:05	20 min	Dafin Muresanu (RO)	Influence Of Antioxidant Compound H-290/51 On Nanoparticles Induced Neurotoxicity in Hyperthermia
	12:05-12:35	30 min	Hari Shanker Sharma (SWE): Key Note Speaker	Influence Of Nanoparticles On Blood-Brain And Spinal Cord Barriers In Relation To Neurotoxicity And Neurorepair

Day	Time frame	Duration	Session/Speaker	Title
Friday	13:00-14:30	1h 30 min	Lunch	
Friday		1 h 50 min	Scientific Session IV - Neuronal injuries	Chair: Lisa Leon and Ovidiu Bajenaru
	14:30-15:00	30 min	Lisa Leon (USA): Key Note Speaker	Is Hypothermia a Protective Thermoregulatory Response in Heat Stroked Mice?
	15:00-15:20	20 min	Ovidiu Bajenaru (RO)	Vascular protection for Neuroprotection in stroke
	15:20-15:40	20 min	Mario Manfredi (IT)	Neurophysiological evaluation of pain conduction in humans
	15:40-16:00	20 min	Antonio Federico (IT)	Rare neurological diseases: Siena experience in diagnosis, treatment, research and teaching
	16:00-16:20	20 min	Vida Demarin (HR)	Hormones And Stroke Risk
Friday		45 min.		NVS- Neuroprotection in neurodegeneration diseases
	16:20-16:40	20 min	Ovidiu Bajenaru (RO)	Neuroprotection in Parkinson's disease
	16:40-17:00	20 min	Dafin Muresanu (RO)	Neuroprotection in degenerative dementias
Friday	17:00-17:20	20 min	Coffee Break	
Friday		1 h 30 min	Scientific Session V - CNS Trauma & neuroprotective approach	Chair: Bruce Trembly and A.V. Ciurea
	17:20-17:50	30 min	Bruce Trembly (USA): Key Note Speaker	Obstructive sleep apnea syndrome as a clinical target for neuroprotection
	17:50-18:10	20 min	A.V. Ciurea (RO)	Severe Brain Injury (SBI) Delimitation, Pathophysiology, Management, Neuroprotection, Neurorehabilitation and Global Outcome
	18:10-18:30	20 min	Johannes Thome (UK)	Neurotrophic Factors and Depression
	18:30-18:50	20 min	Bogdan Popescu (RO)	Is neuroprotective by glutamate-receptor independent mechanisms
Friday	20:00		Festive Dinner	

Day	Time frame	Duration	Session/Speaker	Title
Saturday		1 h 10 min	Scientific Session VI Neurodegenerative Diseases (I)	Chair: Mark Smith and Rudolph Castellani
	8:30-9:00	30 min	Mark Smith (USA): Key Note Speaker	Pathogenic Mechanisms In Alzheimer Disease: Interplay Between Oxidative Stress And Mitotic Dysfunction
	9:00-9:20	20 min	Rudolph Castellani (USA)	Neuropathology of alzheimer disease: Pathognomonic but not pathogenic
	9:20-9:40	20 min	Leontino Battistin (IT)	Alzheimer's disease: historical review and new developments
Saturday		1 h 40 min	Scientific Session VI-Neurodegenerative diseases (II)	Chair: Amos Korczyn and Gioacchino Tedeschi
	9:40-10:10	30 min	Gioacchino Tedeschi (IT): Key Note Speaker	The role of non conventional MRI techniques in the evaluation on CNS metabolism and function neurodegenerative disorders
	10:10-10:30	20 min	Anton Alvarez (ES)	Neuroimmunotrophic Regulation in Alzhiemer's Disease And Vascular Dementia: SERUM TNF-ALPHA AND IGF-I
	10:30-10:50	20 min	Michael Davidson (IL)	Delaying age-related degenerative processes, fad or impending reality?
	10:50-11:20	30 min	Amos Korczyn (IL): Key Note Speaker	Cognitive decline and dementia in PD
Saturday	11:20-11:40	20 min	Coffee Break	

Day	Time frame	Duration	Session/Speaker	Title
Saturday		60 min		
	11:40-12:10	30 min	Ovidiu Bajenaru (RO)	Glutamate and neuroprotection in Alzheimer's Disease
	12:10-12:40	30 min	Bogdan Popescu (RO)	Clinical benefits of memantine in Alzheimer's disease
		1h 30 min	Lunch	
Saturday		1 h 30 min	Scientific Session VII- Stroke and Neurorehabilitation	Chair: Michael Barnes and Dafin Muresanu
	14:30-15:00	30 min	Michael Barnes (UK): Key Note Speaker	Life Expectancy in Disability
	15:00-15:20	20 min	Dafin Muresanu (RO)	Clinical Neuroprotection in Stroke - A realistic evaluation and future studies design for new clinical strategies
	15:20-15:40	20 min	Cristian Dinu Popescu (RO)	Repetitive transcranial magnetic stimulation a tool able to modulate plasticity in stoke patients
	15:40-16:00	20 min	Diez-Tejedor Exuperio (ES)	Neuroprotection And Neuroplasticity
Saturday			Symposium	
	16:00-16:30	30 min	Irina Dan (RO)	Neuroplasticity
Saturday	16:30-16:50	20 min	Coffee Break	
Saturday		1 h 30 min		Highlighting Neuroprotection in Alzheimer Disease: from Theoretic Concepts to Importance in Clinical Practice
	16:50-17:20	30 min	Ovidiu Bajenaru (RO)	Long-term benefits and galantamine treatment outcomes in Alzheimer's disease
	17:20-17:50	30 min	Dragos Marinescu (RO)	Nicotinic receptor modulation - a novel approach to AD treatment
	17:50-18:20	30 min	Bogdan Popescu (RO)	Preclinical aspects of dementia
Saturday	20:00		Festive Dinner	

Day	Time frame	Duration	Session/Speaker	Title
Sunday		2 h	Scientific Session VIII - Varia	Chair: Dumitru Constantin and Ioan Marginean
	8:30-8:50	20 min	Alexandru Serbanescu (RO)	Human intelligence versus artificial intelligence
	8:50-9:10	20 min	Ioan Marginean (RO)	Neuroprotection with glatiramer acetate
	9:10-9:30	20 min	Dumitru Constantin (RO)	The Relationship Between Psychic, Neurogenesis And Neuroplasticity
	9:30-9:50	20 min	Gelu Onose (RO)	Advanced Bio-materials and Technologies - Supporting Spine & Cord Repair / Regeneration
	9:50-10:10	20 min	Ioan Buraga (RO)	Assessment Of Central Nervous System Neuroprotective Therapies
	10:10-10:30	20 min	Angelo Bulboaca (RO)	Dopaminergic Versus Nondopaminergic Therapies In Parkinson's Disease

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