



VYTAUTO DIDŽIOJO
UNIVERSITETAS
MCMXXII

9th International Conference of Lithuanian Neuroscience Association „Neurodiversity: from theory to clinics“

Date: 1 December 2017

Venue: Centre for the Advanced Pharmaceutical and Health Technologies
Lithuanian University of Health Sciences, Kaunas, Lithuania

Organisers:

Prof. Osvaldas Rukšėnas (Vilnius University, Lithuania)

Dr. Rima Naginienė (Lithuanian University of Health Sciences, Kaunas, Lithuania)

Prof. Vilmantė Borutaitė (Lithuanian University of Health Sciences, Kaunas, Lithuania)

Prof. Neringa Paužienė (Lithuanian University of Health Sciences, Kaunas, Lithuania)

Prof. Saulius Šatkauskas (Vytautas Magnus University, Kaunas, Lithuania)

Prof. Aleksandr Bulatov (Lithuanian University of Health Sciences, Kaunas, Lithuania)

Prof. Edgaras Stankevičius (Lithuanian University of Health Sciences, Kaunas, Lithuania)

Assoc. Prof. Ramunė Grikšienė (Vilnius University, Lithuania)

Dr. Aleksandras Pleskačiauskas (Vilnius University, Lithuania)

Prof. Aušra Saudargienė (Lithuanian University of Health Sciences, and Vytautas Magnus University,
Kaunas, Lithuania)

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**Centre for the Advanced Pharmaceutical and Health Technologies
Lithuanian University of Health Sciences
Hall A-205, Sukilelių av. 13, Kaunas, Lithuania**

9.00-9.45	Registration. Coffee/Tea
9.45-10.00	Opening and welcome Prof. Osvaldas Rukšėnas, President of the Lithuanian Neuroscience Association Prof. Vaiva Lesauskaitė, Vice-rector for Research, Lithuanian University of Health Sciences Prof. Arimantas Tamašauskas, Director, Neuroscience Institute, Lithuanian University of Health Sciences
	I session. Neurodevelopmental and Neurodegenerative Disorders Chair – prof. Vilmantė Borutaitė, Neuroscience Institute, Lithuanian University of Health Sciences, Lithuania
10.00-10.30	Autism Spectrum Conditions and the Social Brain Dr. Ilaria Minio Paluello, Sapienza University of Rome, IRCCS Fondazione Santa Lucia, Italy
10.30-11.00	Phospholipid Scrambling as a Signal for Synaptic Pruning by Microglia in Developing Brain Dr. Urtė Neniškytė, Department of Neurobiology and Biophysics, Vilnius University, Lithuania
11.00-11.30	Tau Protein and Neurodegeneration Prof. Vilmantė Borutaitė, Neuroscience Institute, Lithuanian University of Health Sciences, Lithuania
11.30-12.00	Challenges and Advanced Strategies in Treatment of Neurodegenerative Disorders Evelina Grušauskienė, Department of Neurology, Lithuanian University of Health Sciences, Lithuania
12.00-12.30	Coffee/Tea. Poster session
	II session. Autonomic Nervous System Chair – Prof. Neringa Paužienė, Institute of Anatomy, Lithuanian University of Health Sciences, Lithuania
12.30-13.00	Localization of the Neurons Innervating the Porcine Testis and Their Plasticity in Changing Hormonal Conditions Prof. Waldemar Sienkiewicz, University of Warmia and Mazury in Olsztyn, Poland
13.00-13.15	One-sided Axotomy-induced Changes in the Distribution of Neurons in the Porcine Male Intramural Ganglia of the Urinary Bladder Trigone Assoc. Prof. Zenon Pidsudko, University of Warmia and Mazury in Olsztyn, Poland
13.15-13.30	Importance of Calcitonin Gene-related Peptide in Relaxation of Gut Musculature and Diverticular Disease Pathogenesis Jaunė Ieva Lukošienė, Institute for Digestive Research, Lithuanian University of Health Sciences, Lithuania
13.30-15.00	Lunch. Coffee/Tea. Poster session
14.45-15.00	Meeting of members of Lithuanian Neuroscience Association
	III session. Neurotechnologies and Neuroinformatics Methods in Neuroscience Chairs – Prof. Saulius Šatkauskas, Vytautas Magnus University; Prof. Aušra Saudargienė, Neuroscience Institute, Lithuanian University of Health Sciences / Vytautas Magnus University, Lithuania
15.00-15.30	Synaptic Theory of Working Memory and its Capacity Prof. Misha Tsodyks, Weizmann Institute of Science, Rehovot, Israel
15.30-16.00	Neuro-prosthetic Systems Based on Microstimulators Prof. Antonio Ivorra Cano, Universitat Pompeu Fabra, Barcelona, Spain
16.00-16.30	The Different Faces of Healthy Ageing Through the Brain Imaging Perspective Prof. Bogdan Draganski, Centre Hospitalier Universitaire Vaudois, Lausanne; Switzerland; University of Lausanne, Switzerland; Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
16.30-18.00	Concluding remarks, discussions, awards. Farewell.