

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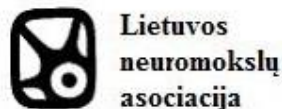
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**Centre for the Advanced Pharmaceutical and Health Technologies  
Lithuanian University of Health Sciences  
Hall A-205, Sukilelių av. 13, Kaunas, Lithuania**

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
	<b>I session. Neurodevelopmental and Neurodegenerative Disorders</b> Chair – prof. Vilmantė Borutaitė, Neuroscience Institute, Lithuanian University of Health Sciences, Lithuania
10.00-10.30	<b>Autism Spectrum Conditions and the Social Brain</b> Dr. Ilaria Minio Paluello, Sapienza University of Rome, IRCCS Fondazione Santa Lucia, Italy
10.30-11.00	<b>Phospholipid Scrambling as a Signal for Synaptic Pruning by Microglia in Developing Brain</b> Dr. Urtė Neniškytė, Department of Neurobiology and Biophysics, Vilnius University, Lithuania
11.00-11.30	<b>Tau Protein and Neurodegeneration</b> Prof. Vilmantė Borutaitė, Neuroscience Institute, Lithuanian University of Health Sciences, Lithuania
11.30-12.00	<b>Challenges and Advanced Strategies in Treatment of Neurodegenerative Disorders</b> Evelina Grušauskienė, Department of Neurology, Lithuanian University of Health Sciences, Lithuania
12.00-12.30	Coffee/Tea. Poster session
	<b>II session. Autonomic Nervous System</b> Chair – Prof. Neringa Paužienė, Institute of Anatomy, Lithuanian University of Health Sciences, Lithuania
12.30-13.00	<b>Localization of the Neurons Innervating the Porcine Testis and Their Plasticity in Changing Hormonal Conditions</b> Prof. Waldemar Sienkiewicz, University of Warmia and Mazury in Olsztyn, Poland
13.00-13.15	<b>One-sided Axotomy-induced Changes in the Distribution of Neurons in the Porcine Male Intramural Ganglia of the Urinary Bladder Trigone</b> Assoc. Prof. Zenon Pidsudko, University of Warmia and Mazury in Olsztyn, Poland
13.15-13.30	<b>Importance of Calcitonin Gene-related Peptide in Relaxation of Gut Musculature and Diverticular Disease Pathogenesis</b> 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
	<b>III session. Neurotechnologies and Neuroinformatics Methods in Neuroscience</b> 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	<b>Synaptic Theory of Working Memory and its Capacity</b> Prof. Misha Tsodyks, Weizmann Institute of Science, Rehovot, Israel
15.30-16.00	<b>Neuro-prosthetic Systems Based on Microstimulators</b> Prof. Antonio Ivorra Cano, Universitat Pompeu Fabra, Barcelona, Spain
16.00-16.30	<b>The Different Faces of Healthy Ageing Through the Brain Imaging Perspective</b> 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.