



The Symposium will take place in the lecture hall of
The Mossakowski Medical Research Centre Polish Academy of Sciences, 02-
106 Warsaw, 5 Pawińskiego Street

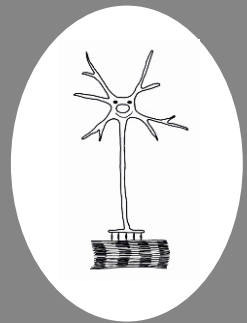
September 26, 2015



Neuromuscular Symposium
in honor of Gerta Vrbová

*Understanding nerve-muscle
interactions in health and disease*

<https://www.emc2015.org.pl/>
Satellite symposium



Scientific topics

- Motoneuron and muscle development in health and disease (role of neuromuscular interaction during a critical stage of motoneuron and muscle development)
- Neuromuscular plasticity (role of activity in developing and adult motor units and neuromuscular synapses)
- Neuromuscular disorders - neurodegenerative diseases (SMN, SMA, ALS, Polio and other neuromuscular disorders; role of a disturbance of nerve-muscle interaction)
- Novel therapeutic strategies (genetic manipulation, graft approaches, electrical muscle stimulations)

*Promoting links between the basic science
and clinic researchers who focus their interest
on neuromuscular functions
in health and in pathology*

September 26, 2015, 9:00 to 17:00

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Neuromuscular Symposium Preliminary Programme

Saturday, September 26th, 2015

9:00-10:30

- Irena Hausmanowa-Petrusewicz and Urszula Sławińska, Opening ceremony
- Gerta Vrbová (*The Royal Veterinary College, London, UK*) - Summary of my work: what next?
- Dirk Pette (*University of Konstanz, Konstanz, Germany*) - Dirk and Gerta - Chance and Necessity

Coffee break 10:30-10:45

10:45 – 13:15

- Dhoot Gurtej (*The Royal Veterinary College, London, UK*) - Neuronal regulation of developing and ageing muscle
- Maria Albani (*Aristotle University, Thessaloniki, Greece*) - My work with Gerta on MU reorganization
- Urszula Sławińska (*Nencki Institute of Experimental Biology, Warsaw, Poland*) - Neuromuscular plasticity potential mechanisms enhancing functional recovery
- Katarzyna Sieradzan (*Frenchay Hospital, Bristol, UK*) - Transplantation of embryonic motoneurons into the rat spinal cord
- Rosemary Jones (*University of Bristol, Bristol, UK*) - Translating neuromuscular research into achievable and effective therapeutic practice

Lunch 13:15-14:00

14:00 – 16:30

- Irena Hausmanowa-Petrusewicz and Maria Jędrzejowska (*Mossakowski Medical Research Centre, Warsaw, Poland*) - Spinal Muscular Atrophy, a disease connected with under development - looking for mechanisms of pathogenesis and novel treatments
- George Mentis (*Columbia University, New York, USA*) - The role of SMN in sensory-motor circuit function: implications in the pathogenesis of Spinal Muscular Atrophy
- Antal Nogradi (*University of Szeged, Szeged, Hungary*) - Neuronal rescue and regeneration in the spinal cord: What can we learn from stem cells?
- Gavin Clowry (*Newcastle University, Newcastle, UK*) - Critical periods in motor development in human
- Helge Amthor (*Université de Versailles Saint-Quentin-en-Yvelines, France*) - Bone morphogenetic proteins maintain skeletal muscle following denervation

