MINISYMPOSIUM

Neuro-Immunology of Brain Diseases

30 November 2026

Venue: Vodárenské múzeum, Devínska cesta 5364, Bratislava

Organizer: Institute of Neuroimmunology of the Slovak Academy of Sciences, v.v.i. (NII SAS)

ADDIT-CE

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SSN SLOVAK SOCIETY FOR NEUROSCIENCE

SLOVAK IMMUNOLOGICAL SOCIETY

Time	Programme	Speaker
08:00–09:00	Welcome Coffee	
09:00–09:10	Opening Remarks 30th Anniversary of Institute of Neuroimmunology	**Norbert Žilka** / NII SAS
09:15–10:30 Session chair: **Norbert Žilka**	Alzheimer Disease Treatment: Present and Future Research Alzheimer's Disease Therapeutics: What to Target	**Bengt Winblad** / Karolinska Institutet, Sweden **Khalid Iqbal** / New York State Institute for Basic Research, USA
10:30–10:45	Coffee Break & Networking	
10:45–11:45 Session chair: **Daša Čížková**	The Interfaces and Feedback Loops Between Tau, Amyloid, and Neuroinflammation, and Their Impact on Alzheimer's Disease Drug Development Repetitive Head Impacts and Brain Health Outcomes From Endosomes to Neuronal Networks: Insights into Alzheimer's Disease from Human Stem Cell Models	**Petr Novák** / NII SAS **Martin Čente** / NII SAS **Dáša Bohačiaková** / Masaryk University, Czech Republic
11:45–13:00	Advisory board meeting	
13:00–14:00	Networking Lunch	
14:00–15:00 Session chair: **Eva Syková**	Phosphorylated Tau and 14-3-3 Proteins: Molecular Recognition in Neurodegeneration Spinal Cord Injury: Roads to Treatment Targeted Delivery System to Transport Antimicrobial Peptides Across the Blood-Brain Barrier	**Jozef Hritz** / Masaryk University, Czech Republic **Daša Čížková** / NII SAS **Mangesh Bhide** / NII SAS
15:00–15:15	Coffee Break & Networking	
15:15–16:15 Session chair: **Petr Novák**	Brain Diffusion of Tau and Its Transport Across the Blood-CSF Barrier Dysregulation of ECM Modulates Extrasynaptic Transmission and Can Reactivate Neuroplasticity in Brain Diseases Targeting ApoE4, a Central Regulator of Brain Lipid Metabolism	**Petra Majerová** / NII SAS **Eva Syková** / NII SAS **Aliaksandra Kursit** / Recetox, Masaryk University, Czech Republic
16:15–16:30	Coffee Break & Networking	
16:30–17:30 Session chair: **Mangesh Bhide**	The Ripple Effect of Tau: Exploring the Propagation in Animal Models Impact of Heatstroke on the Central Nervous System Impact of Immunodeficiency on SARS-CoV-2 Infection and Vaccination	**Tomáš Smolek** / NII SAS **Dorothy Wasike** / NII SAS **Denisa Palová** / NII SAS