

## **Eötvös Immunology PhD Seminar**

at the Department of Immunology, Eötvös Loránd University (ELTE)

**2025 May 30 (Friday)**

Location: Room 5.202 (fifth floor),  
1117 Budapest, Pázmány Péter sétány 1/C, South Building

9:25 – 9:30 Welcome

9:30 – 10:20 Dr. Zoltán JAKUS (Dept. Physiology, Semmelweis University)  
**Nucleoside-modified mRNA-mediated modulation of organ-specific lymphatic growth and function in preclinical animal models**

*10:20 – 10:40 Coffee break*

10:40 – 11:30 Dr. Attila MÓCSAI (Dept. Physiology, Semmelweis University)  
**Tyrosine kinase signaling in inflammatory disease models**

11:30 – 11:50 Dr. Simon VIKÁR, PhD student (Dept. Physiology, Semmelweis University)  
**The complement system in a human autoimmune skin blistering model**

*11:50 – 12:20 Lunch break*

12:20 – 12:50 Dr. Dávid SZAKÁCS (Dept. Immunology, ELTE)  
**The Tumor- and Apoptosis-Associated Annexin A2 is a New Ligand for Factor H-Related Proteins**

12:50 – 13:10 Martina SAJGÓ, PhD Student (Dept. Immunology, ELTE)  
**Functional characterization of complement Factor H CCP19-20 variants with host-derived and microbial ligands**

*13:10 – 13:25 Coffee break*

13:25 – 13:55 Flóra DEMETER, PhD Student (Dept. Internal Medicine and Hematology, Semmelweis University)  
**The immunosuppressive effect of mesenchymal stem cells (MSCs)**

13:55 – 14:15 Dr. Bence SZIKORA (Dept. Immunology, ELTE)  
**Discovery of broadly neutralizing human monoclonal antibodies to SARS-CoV-2**

14:15 – Closing remarks