



The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952376



EU Horizon 2020 Twinning project

Reducing networking gaps between Rīga Stradiņš University (RSU) and internationally-leading counterparts in viral infection-induced autoimmunity research

**Workshop by online Zoom meeting platform**

**NEW TRENDS IN AUTOIMMUNE DISEASES IMMUNOLOGICAL PROFILING**

Rīga Stradiņš university, Dzirciema street 16, Riga, Latvia  
27 – 28<sup>th</sup> October, 2021

**Workshop leader Assoc. Professor Simona Doniņa**

**AGENDA**

<b>October 27, 2021</b>	
13.00 - 13.10	Welcome and opening <b>Liene Nīkitina-Zaķe</b> , Director of Research Department, RSU, Latvia <b>Modra Murovska</b> , Assoc. Professor, Project Coordinator, Institute of Microbiology and Virology, RSU, Latvia
13.10 - 14.05	Why autoimmunity. <b>Yehuda Shoenfeld</b> , Professor, Tel-Aviv University, President of Ariel University, Israel
14.05 - 15.05	Mechanisms leading to autoimmune diseases. <b>Miri Blank</b> , Professor, Department of Microbiology and Clinical Immunology, Sackler faculty of Medicine, Tel-Aviv University, Israel
15.05 - 15.20	<b>Break</b>
15.20 - 16.05	Revolutionary advances for single cell subtyping in autoimmune diseases <b>Hannes Arnold</b> , PhD, 10xGENOMICS, 2316XC Leiden, The Netherlands
16.05 - 16.45	Dendritic cells – new look at the old sentinels of the immune system. <b>Kristīne Vaivode</b> , MSc, Medical Microbiology, PhD, Immunology, Latvian Biomedical Research and Study centre, Riga, Latvia
16.45 – 17.00	Discussion, Q&A <b>Y. Shoenfeld, M. Blank, M. Schneider, H. Albert, R. Rizzo, K. Vaivode</b>



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## October 28, 2021

10.00 - 10.40	<p>Antigen expression in autoimmune diseases.</p> <p><b>Roberta Rizzo</b>, Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy</p>
10.40 - 11.10	<p>Autoimmune dysautonomia in women with silicone breast implants.</p> <p><b>Gilad Halpert</b>, Dr., Zabludowicz Center for Autoimmune Diseases, Sheba Medical Center, Israel</p>
11.10 – 11.40	<p>Harnessing helminths to treat autoimmunity.</p> <p><b>Miri Blank</b>, Profesor, Department of Microbiology and Clinical Immunology, Sackler faculty of Medicine, Tel-Aviv University, Israel</p>
11.40 - 11.50	<b>Break</b>
11.50 – 12.30	<p>DNA sensing and autoimmunity.</p> <p><b>Daria Bortolotti</b>, PhD, Assistant Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy</p>
12.30 – 13.00	<p>Interferon antibodies in patients with COVID-19 and hemophagocytic lymphohistiocytosis (HLH)</p> <p><b>Marion Schneider</b>, Prof., Dr. rer. nat., Head of the Division Experimental Anesthesiology University hospital Ulm, Department of Anaesthesiology and Intensive Care, Ulm, Germany</p>
13.00 - 13.50	<b>Break</b>
13.50 - 14.10	<p>Cell cultures.</p> <p><b>Roberta Rizzo</b>, Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy</p>
14.10 - 14.30	<p>ELISA assay.</p> <p><b>Daria Bortolotti</b>, PhD, Assistant Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy</p>
14.30 - 14.50	<p>The use of the luminex system in the context of autoimmunity research.</p> <p><b>Ļība Sokolovska</b>, Research Asistant, PhD Student, Institute of Microbiology and Virology, Rīga Stradiņš university, Riga, Latvia</p>



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14.50 - 15.10	<p>Research in immunogenetics today.</p> <p><b>Vladislavs Jasinskis</b>, Researcher, Laboratory of Clinical Immunology and Immunogenetics, Institute of Microbiology and Virology , Rīga Stradiņš University, Riga, Latvia</p>
15.10 – 15.20	<b>Break</b>
15.20 – 15.50	<p>Ways to dissect inflammatory and autoimmune phenotypes in psychiatric disorders (AF and SZ).</p> <p><b>Christian Scheiber</b>, M. Sc., PhD student (Mol Med.), Ulm, Germany</p>
15.50 - 16.10	<p>Proportions of the peripheral blood mononuclear cells in patients with rheumatoid arthritis.</p> <p><b>Irina Kholodnuk</b>, PhD, Lead Researcher, Institute of Microbiology and Virology, Rīga Stradiņš university, Riga, Latvia</p>
16.10 - 16.30	<p>Selection of biomarkers in ME/CFS for patient stratification and treatment surveillance/optimisation. What we have done so far and further tasks.</p> <p><b>Anda Vilmane</b>, Msc. biol., PhD Candidate, Researcher, Institute of Microbiology and Virology, Rīga Stradiņš university, Riga, Latvia</p>
16.30 - 16.50	<p>Discussion, Q&amp;A, closing</p> <p><b>Y.Shoenfeld, R.Rizzo, M.Schneider, M.Blank, G.Halpert, D.Bortolotti, I.Kholodnuk, C.Scheiber, L.Sokolovska, A.Vilmane, V.Jasinskis</b></p>