



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

## VIRAL INFECTIONS AS AETIOLOGICAL OR TRIGGER FACTORS OF AUTOIMMUNE DISEASES

9-10 th November, 2021

Workshop leader Dr.med., Lead Researcher **Zaiga Nora-Krūkle**

### AGENDA

November 09, 2021	
10.00 – 10.10 <i>CET 9.00 – 9.10</i>	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
<b>Session 1 - Virus Infections as Initiators in Autoimmune Diseases: Neurological Diseases, Thyroiditis, Scleroderma</b>	
10.10 – 10.45	HHV-6 and Multiple Sclerosis (Q&A) <b>Dario Di Luca</b> , Professor, Department of Medical Sciences, Microbiology and Clinical Microbiology, University of Ferrara, Italy
10.45 – 11.15	Role of Herpesvirus proteins in neurological disorders <b>Daria Bortolotti</b> , PhD, Assistant Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
11.15 – 12.00	Treatment of hippocampal neuroinflammation with valaciclovir. A placebo-controlled PET imaging study <b>Hans Klein</b> , MD, PhD Department of Nuclear Medicine and Molecular Imaging, University of Groningen, The Netherlands
12.00 – 12.15	<b>Break</b>
<b>Session 2 - Virus Infections as Initiators in Autoimmune Diseases: Thyroiditis, Scleroderma, Fibromyalgia</b>	
12.15 – 12.45	Human herpesvirus 6 and autoimmune thyroiditis: immunovirological clues of a virus involvement



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	<b>Elisabetta Caselli</b> , Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
12.45 – 13.05	Aspects of studying HHV-6 involvement in autoimmune thyroiditis development  <b>Maksims Čistjakovs</b> , PhD candidate, Researcher, Institute of Microbiology and Virology, Rīga Stradiņš University, Latvia
13.05 – 13.30	Etiologies of fibromyalgia in times of COVID-19  <b>Howard Amital</b> , Professor, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv; Head of the Department of Medicine B and The Zabudowicz Center for Autoimmune Diseases, Sheba Medical Center, Tel Hashomer, Israel
13.30 – 14.15	<b>Break</b>
14.15 – 14.30	Beta-herpesviruses HCMV and HHV-6 as potential triggers of systemic sclerosis  <b>Maria D'Accolti</b> , PhD., postdoc., Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
<b>Session 3 - NK cells and autoimmune diseases, Autoimmune Viruses</b>	
14.30 – 15.05	Role of KIR receptors in autoimmune diseases (Q&A)  <b>Roberta Rizzo</b> , Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
15.05 – 15.40	<b>Discussion</b>

**November 10, 2021**

**Session 3 - NK cells and autoimmune diseases, Autoimmune Viruses (continuation)**

10.00 – 10.35 <b>CET 9.00 – 9.35</b>	Multi-omics approach in the identification of molecular footprints of COVID-19  <b>Monta Brīvība</b> , MSc. biol, Researcher, Latvian Biomedical Research and Study Centre
10.35 – 11.10	SARS-CoV-2 as an autoimmune virus  <b>Yehuda Shoenfeld</b> , President of Ariel University, Professor, Zabudowicz Center for Autoimmune Diseases, Sheba Medical Center, Israel
11.10 – 11.30	EBV and COVID-19



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	<b>Kunal Garg</b> , PhD student, Division Experimental Anesthesiology, Ulm University Hospital, Department of Anaesthesiology and Intensive Care, Ulm, Germany
<b>Session 4 - Virus infected cells and tissues</b>	
11.30 – 11.50	Modulation of miRNome of human fibroblasts by HCMV and HHV-6 infection: possible significance in the induction of fibrosis in systemic sclerosis  <b>Irene Soffritti</b> , PhD student, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
11.50 – 12.05	<b>Break</b>
12.05 – 12.35	HLA-G and viral infections in pregnancy disorders  <b>Valentina Gentili</b> , Assistant Professor, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
12.35 – 12.55	HLA-G and viral infections during transplantation  <b>Giovanna Schiuma</b> , PhD student, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
12.55 – 13.15	Data on ICP (infected cell protein) inducible miRNA in Exosomes  <b>Christian Scheiber</b> , PhD student, Ulm University, Germany
13.15 – 13.35	Rheumatological disorders and herpesvirus infections.  <b>Silvia Beltrami</b> , PhD student, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
13.35 – 14.10	<b>Break</b>
14.10 – 14.30	Viral infections in dermatological disorders  <b>Sabrina Rizzo</b> , PhD student, Department of Chemical, Pharmaceutical and Agricultural Sciences, University of Ferrara, Italy
14.30 – 14.50	The ever-present HHV-6 - a virus of autoimmunity  <b>Lība Sokolovska</b> , Research Asistant, PhD student, Institute of Microbiology and Virology, Rīga Stradiņš University, Riga, Latvia
14.50 – 15.25	Structural features of ZIKA-V infected glioblastoma (Q&A)  <b>Marion Schneider</b> , Prof., Dr. rer. nat., Head of the Division Experimental Anesthesiology, Ulm University Hospital, Department of Anaesthesiology and Intensive Care, Ulm, Germany
15.25 – 16.00	<b>Discussion and closing remarks</b>