

Friday, October 11th, 2024.

- 14:00-24:00 Hotel check-in
 14:30-15:30 Registration
 15:30-15:40 Opening ceremony
MARIASTEFANIA ANTICA, President of the Croatian Immunological Society
BOJAN POLIĆ, EFIS President-elect
CHAIRS: Stipan Jonjić & Alenka Gagro
- 15:40-16:20 Invited lecture: **BERISLAV BOŠNJAK**, Hannover Medical School, Institute of Immunology, Hannover, Germany
Genomic, phenotypic, and functional analysis of cytomegalovirus-specific T cells
- 16:20-17:20 Selected oral presentations – Session 1
 16:20 **Lydia Gaćina**, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
The role of NKG2D ligand H60a in the immune surveillance of murine cytomegalovirus infection
 16:40 **Lidija Cvetko Krajinović**, Research Department, University Hospital for Infectious Diseases “Dr. Fran Mihaljević”, Zagreb, Croatia
Differential monocyte activation by SARS-CoV-2 variants: Implications for early immune response
 17:00 **Sara Aničić**, University of Zagreb School of Medicine, Zagreb, Croatia
Effect of Notch signaling on human trilineage monocyte progenitors in patients with rheumatoid arthritis
- 17:20-18:00 Invited lecture: **TOMISLAV KELAVA**, Department of Physiology and Immunology, School of Medicine, Zagreb, Croatia
Targeting Notch signaling pathway in liver fibrosis - possibilities and limitations

Saturday, October 12th 2024

- CHAIRS: Vanda Juranić Lisnić & Asja Stipić Marković*
- 9:00-9:40 Invited lecture: **MARIA PIA FELLI**, Department of Experimental Medicine, Faculty of Medicine and Surgery, Sapienza University of Rome, Roma, Italy
Notch-ed up T-cell acute lymphoblastic leukemia development and progression
- 9:40-10:40 Selected oral presentations – Session 2
 9:40 **Dora Višnjić**, University of Zagreb School of Medicine, Zagreb, Croatia
The Role of Ribonucleotide Reductase Activity in Monocytic Differentiation Induced by Pyrimidine Synthesis Inhibitors
 10:00 **Sanja Mikašinović**, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Croatia
IGF-1 signaling enhances CD8 memory cell formation
 10:20 **Sara Priselac**, Laboratory for Molecular Immunology, Croatian Institute for Brain Research, University of Zagreb School of Medicine, Zagreb, Croatia
Midline 1 promotes bone and cartilage damage during antigen-induced arthritis
- 10:40-11:20 **Coffee break sponsored by GOREA PLUS**
CHAIRS: Danka Grčević & Bojan Polić
- 11:20-12:00 Invited lecture: **BENCE RETHI**, Department of Medicine, Karolinska Institutet, Stockholm, Sweden
Early pathogenesis in rheumatoid arthritis - understanding and targeting key pathways in disease development

- 12:00-13:00 Selected oral presentations – Session 3 - Bright Spark
12:00 **Maša Filipović**, Department of Medicine, Solna, and Center for Molecular Medicine, Karolinska Institutet, Stockholm, Sweden
Role of the chemokine CCL22 in rheumatoid arthritis development
12:20 **Maja Jirouš Drulak**, Dept. of Medical Chemistry, Biochemistry and Clinical Chemistry, Faculty of Medicine, Josip Juraj Strossmayer University of Osijek, Croatia
The distribution, transcriptome, and TCR profiles of peripheral $\gamma\delta$ T cells in psoriasis vulgaris
12:40 **Dubravka Karner**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia
Cellular prion protein alters viral control and enhances pathology after perinatal cytomegalovirus infection
- 13:00-13:40 Invited lecture: **SANJA NOVAK**, Center for Regenerative Medicine and Skeletal Development, School of Dental Medicine, UConn Health, Farmington, Connecticut, USA
Notch signaling regulation of skeletal repair
- 13:40-15:20 Lunch break
- 15:20-16:20 **GENERAL ASSEMBLY OF THE CROATIAN IMMUNOLOGICAL SOCIETY**
 CHAIRS: *Dora Višnjić & Alemka Markotić*
- 16:20-17:00 Invited lecture: **ILIJA BRIZIĆ**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia
Cytomegalovirus infection and inflammation in developing brain
- 17:00-19:00 **POSTER SESSION – CHAIRS: Beata Halassy & Alan Šučur**
- 19:00 Dinner

Sunday, October 13th 2024

- CHAIRS: *Ines Mrakovčić-Šutić & Felix Wensveen*
- 9:00-9:40 Invited lecture: **IGOR AURER**, Department of Hematology, University Hospital Centre Zagreb, Croatia
CAR-T cells - a new generation of adoptive cellular immunotherapy
- 9:40-11:00 Selected oral presentations – Session 4
9:40 **Marina Babić Čač**, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
Immune cell crosstalk during neuroinflammation - role for cellular stress sensor NKG2D
10:00 **Maja Cokarić Brdovčak**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
Immunization against SARS-CoV-2 using cytomegalovirus as a vaccine vector
10:20 **Beata Halassy**, Centre for Research and Knowledge Transfer in Biotechnology, University of Zagreb, Zagreb, Croatia
Is there a need to develop new procedures for the preparation of high-quality human immunoglobulin G, in addition to the registered ones?
10:40 **Karlo Mladenčić**, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
The IL-17A and IFN- γ dichotomy in MASLD compromises the immune response to mCMV infection
- 11:00-11:30 Coffee break
 CHAIRS: *Stana Tokić & Alan Šučur*
- 11:30-12:10 Invited lecture: **MARKO ŠESTAN**, Department of Histology and Embryology, Faculty of Medicine University of Rijeka, Croatia
Immune-mediated control of glucose metabolism in health and disease
- 12:10-13:00 Award ceremony and closing remarks