

THURSDAY, October 5th 2023

- 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
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- 15:40-16:20 **INVITED LECTURE**
Chairs: Danka Grčević & Jurica Arapović
Cormac Gahan
University College Cork, Ireland
“Bile acids as signalling molecules in microbiota-host interactions”
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- 16:20-17:20 **SELECTED ORAL PRESENTATIONS – SESSION 1- “YOUNG SCIENTISTS
– NEW PROJECT LEADERS”**
Chairs: Danka Grčević & Jurica Arapović
- 16:20 **Špela Konjar** - Universidade de Lisboa, Lisboa, Portugal
“Metabolic reprogramming of IELs and their dependence on metabolites during activation”
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- 16:40 **Maja Cokarić Brdovčak** - University of Rijeka, Rijeka, Croatia
“Immunization against SARS-CoV-2 using alternative viral vector vaccines and alternative routes”
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- 17:00 **Vilma Dembitz** - Queen Mary University of London, London, UK
“SCD inhibition preferentially eradicates AML displaying high de novo fatty acid desaturation and synergizes with chemotherapy”
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- 17:20-18:00 **INVITED LECTURE**
Chairs: Danka Grčević & Jurica Arapović
Stipan Jonjić
Center for Proteomics, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
“New player in the cancer immunotherapy: anti-PVR mAb with multiple modes of action”
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- 19:00 **DINNER**

FRIDAY, October 6th 2023

9:00-9:40

INVITED LECTURE**Chairs: Stipan Jonjić & Asja Stipić Marković****Ian Humphreys**

Division of Infection and Immunity, School of Medicine, Cardiff University, Cardiff, United Kingdom

“T cells in cytomegalovirus chronicity: the dark side”

9:40-10:25

SELECTED ORAL PRESENTATIONS – SESSION 2**Chairs: Stipan Jonjić & Asja Stipić Marković**

9:40

Mia Krapić - University of Rijeka, Rijeka, Croatia*“NK cell derived IFN- γ causes free fatty acid release by adipocytes to promote B cell responses during mCMV infection”*

9:55

Ilija Brizić - University of Rijeka, Rijeka, Croatia*“Perinatal cytomegalovirus infection reshapes the transcriptional profile and functionality of NK cells”*

10:10

Vanna Imširović - University of Rijeka, Rijeka, Croatia*“Largely preserved functionality after the combined loss of NKG2D, NCR1 and CD16 demonstrates the remarkable plasticity of NK cell responsiveness”*

10:25-10:40

SPONSORED LECTURE BD – GOREA*“See what you sort & sort what you see. A novel technology from BD Biosciences for High-speed fluorescence image-enabled cell sorting”*

10:40-11:20

COFFEE BREAK (SPONZORED BY GOREA)

11:20-12:00

INVITED LECTURE**Chairs: Alenka Gagro & Vanda Juranić Lisnić****Marija Jelušić**

University of Zagreb School of Medicine, University Hospital Centre Zagreb, Department of Paediatrics, Zagreb, Croatia

“New Insights in IgA Vasculitis and IgA Vasculitis With Nephritis”

FRIDAY, October 6th 2023

12:00-12:45	SELECTED ORAL PRESENTATIONS – SESSION 3 – BRIGHT SPARK Chairs: Alenka Gagro & Vanda Juranić Lisnić
12:00	Karlo Mladenić - University of Rijeka, Rijeka, Croatia <i>“NKG2D-mediated detection of metabolically stressed hepatocytes by innate-like T cells is essential for initiation of NASH and fibrosis”</i>
12:15	Darja Flegar - University College Cork, Cork, Ireland <i>“Dietary chitosan related changes to the microbiome and course of Listeria monocytogenes infection in high-fat diet fed mice”</i>
12:30	Fran Krstanović - University of Rijeka, Rijeka, Croatia <i>“IL-12 – CD4 T cell – IFNγ axis mediates suppression of cytomegalovirus replication and establishment of latency in cortical and hippocampal neurons”</i>
12:45-13:00	SPONSORED LECTURE – MEDIC Michal Maj - Application Specialist, Cytex Biosciences <i>“Advancing your immunological research with Full Spectrum Profiling and high resolution Imaging Flow Cytometry”</i>
13:00-14:30	LUNCH
14:30-15:00	GENERAL ASSEMBLY OF THE CROATIAN IMMUNOLOGICAL SOCIETY
15:00-16:00	INVITED LECTURE – EFIS-IL LECTURE AWARD CEREMONY Chairs: Bojan Polić & Mariastefania Antica Burkhard Becher Institute of Experimental Immunology, University of Zurich, Switzerland <i>“IL-12 and IL-23: the paradox of simultaneous pro/anti inflammatory properties”</i>
16:00-17:00	POSTER SESSION
19:30	GALA DINNER

SATURDAY, October 7th 2023

9:00-9:30

INVITED LECTURE**Chairs: Tomislav Kelava & Felix Wensveen****Vanda Juranić Lisnić**

Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia

“Characterizing NK and ILC1 responses to cytomegalovirus in adrenal glands and ovaries”

9:30-10:45

SELECTED ORAL PRESENTATIONS – SESSION 4**Chairs: Tomislav Kelava & Felix Wensveen**

9:30

Božo Šušak - Faculty of Medicine, University of Mostar, Mostar, BIH***“The impact of pre-existing immunity on the course of SARS-CoV-2 infection in health-care workers”***

9:45

Beata Halassy - University of Zagreb, Centre for Research and Knowledge Transfer in Biotechnology, Zagreb, Croatia***“What can neutralizing antibodies tell us about the quality of specific immunity in COVID-19 convalescents and vaccinees?”***

10:00

Petra Svoboda - Research Department, University Hospital for Infectious Diseases “Dr. Fran Mihaljević”, Zagreb, Croatia***“Primary human monocytes differentiate into M2-like macrophages upon long-term orthohantavirus infection”***

10:15

Sanja Mikašinić - University of Rijeka, Rijeka, Croatia***“An IFN γ -dependent immune-endocrine circuit lowers blood glucose to potentiate the innate anti-viral immune response”***

10:30

Tomislav Smoljo - Croatian Institute for Brain Research, University of Zagreb School of Medicine, Zagreb, Croatia***“The bone marrow microenvironment reduces monocytic differentiation induced by low-dose cytarabine”***

10:45-11:15

COFFEE BREAK

SATURDAY, October 7th 2023

11:15-11:45

INVITED LECTURE

Chairs: Dora Višnjić & Alan Šućur

Danka Grčević

Department of Physiology and Immunology, University of Zagreb School of Medicine, Zagreb, Croatia

“Modulation of Notch signalling in bone cell progenitors: Venue for therapeutic intervention”

11:45-12:15

INVITED LECTURE

Chairs: Dora Višnjić & Alan Šućur

Felix Wensveen

Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Rijeka, Croatia

“Why we get sick; Interactions between the immune and endocrine systems during viral infection”

12:15-12:45

AWARD CEREMONY AND CLOSING REMARKS