

## PROGRAM

Monday, September 22<sup>nd</sup>, 2025.

10:30-11:15 REGISTRATION

11:15-11:30 OPENING CEREMONY

*Chairs: Vanda Juranić Lisnić & Bojan Polić*

11:30-12:00 **Invited Lecture - CHIARA ROMAGNANI**, Institute of Medical Immunology, Charité – Universitätsmedizin Berlin, Germany  
***NK Cell Clonality and Memory***

12:00-12:45 Selected Oral Presentations – SESSION 1

12:00 **Ivana Bertović**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia  
***Pathogenesis of MCMV Infection in the Adrenal Gland***

12:15 **Tomislav Glavan**, Dept. of Histology and Embryology, Faculty of Medicine, University of Rijeka, Croatia  
***Interferon-Gamma Mediates Anaptyrexia During Viral Infection***

12:30 **Marija Mazar**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia  
***Tissue-Resident NK Cells Orchestrate Innate Immune Defense Against Cytomegalovirus in the Ovary***

12:45-13:15 **Invited Lecture - JELENA ŽELEZNJAK**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia  
***The Art of Immuno-evasion: Cytomegalovirus vs. NK Cells***

13:15 – 14:15 LUNCH BREAK

*Chairs: Asja Stipić Marković & Tomislav Kelava*

14:15-14:45 **Invited Lecture - GORAN ŠIMIĆ**, Department of Neuroscience, Croatian Institute for Brain Research, Medical School, University of Zagreb, Croatia  
***Activation of Neuronal NLRP1 Inflammasome in Alzheimer's Disease and Schizophrenia***

14:45-15:30 Selected Oral Presentations – SESSION 2 - Bright Spark

14:45 **Tomislav Balen**, Dept. of Anatomy & Croatian Institute for Brain Research, School of Medicine, University of Zagreb, Croatia  
***Low Grade Systemic Inflammation Induces Osteoarthritis in Mice Accompanied by Accumulation of Osteochondroprogenitors in Early Time Points***

15:00 **Iva Vladić**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia  
***ILCs Mediate Control of Perinatal Murine Cytomegalovirus Infection via NKG2D***

15:15 **Luca Grisetti**, National Institute of Gastroenterology IRCCS "Saverio de Bellis", Castellana Grotte, Italy  
***Targeting PD-L1 to Boost T Cell-Mediated Killing in HCC: An In Vitro Analysis***

15:30-16:00 **Invited Lecture - MARINA BABIĆ ČAČ**, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Croatia  
***Regulation of Lymphocyte Responses During Neuroinflammation***

16:00-16:30 COFFEE BREAK

*Chair: Mariastefania Antica*

16:30-17:00 **Invited Lecture - GRAHAM ANDERSON**, Department of Immunology and Immunotherapy, University of Birmingham, UK  
***Control of Thymus Regeneration by Type 2 Immune Networks***

17:00-19:00 *Chairs: Alan Šućur & Ilija Brizić*

POSTER SESSION – SHORT PRESENTATIONS

20:30 GALA DINNER

Tuesday, September 23<sup>rd</sup> 2025

## 8:45 – 9:15 GENERAL ASSEMBLY OF THE CROATIAN IMMUNOLOGICAL SOCIETY

*Chairs: Danka Grčević & Stipan Jonjić*

**9:15-9:45** *Invited Lecture - CRISTINA SOBACCHI*, IRCCS Humanitas Research Hospital & National Research Council-Institute for Genetic and Biomedical Research (CNR-IRGB), Rozzano, Italy  
*The Long Pentraxin PTX3 at the Host-Pathogen Interface in Osteomyelitis*

### 9:45-10:30 Selected Oral Presentations – SESSION 3

**9:45 Ivo Krešić**, Dept. of Physiology and Immunology & Croatian Institute for Brain Research, School of Medicine, Univ. of Zagreb, Croatia

*Notch Signaling Modulates Human Trilineage Monocyte Progenitor Differentiation Under Inflammatory Conditions*

**10:00 Ozren Majstorović**, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Croatia

*Adiponectin is an Endocrine Modulator of CD8<sup>+</sup> Memory T Cells*

**10:15 Marko Šestan**, Department of histology and embryology, Faculty of Medicine, University of Rijeka, Croatia  
*Immune System-Mediated Changes in Amino Acid Metabolism Enhance the Immune Response During Viral Infections*

**10:30-11:00** *Invited Lecture - MAJA LENARTIĆ*, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Croatia

*IFN- $\gamma$ : A Common Denominator of Infection-Induced Metabolic and Thermoregulatory Adaptations*

## 11:00-11:30 COFFEE BREAK SPONSORED BY GOREA PLUS

*Chairs: Ines Mrakovčić-Šutić & Felix M. Wensveen*

**11:30-12:00** *Invited Lecture - ERIC ELDERING*, Department of Experimental Immunology, Amsterdam UMC location University of Amsterdam & Cancer Immunology, Amsterdam Institute for Infection and Immunity & Cancer Immunology, Cancer Center Amsterdam, the Netherlands  
*Immunotherapeutic Killing by CTLs Occurs Partly by Necroptosis*

### 12:00-12:45 Selected Oral Presentations – SESSION 4

**12:00 Sanja Mikašinović**, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka, Croatia

*IGF-1 Receptor Signaling Promotes CD8 Memory T Cell Formation and Enhances Tumor Control In Vivo*

**12:15 Paola Kučan Brlić**, Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia  
*Evaluating Nectin-2 and Nectin-4 as Immunotherapeutic Targets in Hepatocellular Carcinoma*

**12:30 Asja Stipić Marković**, University Hospital for infectious diseases „Dr Fran Mihaljević“, Zagreb, Croatia  
*Unknown Side Effect of Janus Kinase 1 Inhibitor: IgE Hyperproduction, Case Report*

## 12:45-13:15 AWARD CEREMONY AND CLOSING REMARKS