



First 5 years of the CerVirVac: Symposium

Faculty of Medicine, University of Rijeka

Friday 2nd September 2022

- 8:30 – 9:00 Registration
- 8:30 – 8:50 Press conference
- 9:00 – 9:15 **Goran Hauser** and **Stipan Jonjić**
Welcome and Introduction
- 9:15 – 9:45 **Ulrich Kalinke**, TWINCORE, Hannover
Pro- and anti-viral responses of cytomegalovirus exposed human dendritic cells
- 9:45 – 10:15 **Astrid Krmpotić**, Faculty of Medicine, University of Rijeka
Cytomegalovirus vaccine vectors against SARS-CoV-2 and comparison of different routes of immunization
- 10:15 – 10:45 **Ulf Dittmer**, University of Duisburg-Essen
Interferon alpha subtypes: A rediscovered drug for anti-viral therapy
- 10:45 – 11:00 **Carmen Rožmanić**, Faculty of Medicine, University of Rijeka
Early life infections extensively reshape the transcriptional profile and functionality of NK cells

11:00 – 12:00 Coffee break & Poster presentations

- 12:00– 12:30 **Michela Matteoli**, Humanitas University, Rozzano
How the immune system affects synapse function
- 12:30 – 13:00 **Ilija Brizić**, Faculty of Medicine, University of Rijeka
Congenital CMV infection: Neuroinflammation and pathology
- 13:00 – 13:15 **Fran Krstanović**, Faculty of Medicine, University of Rijeka
Differential role of neurons and glial cells in cytomegalovirus infection and immune control

13:15 – 14:15 Lunch

- 14:15 – 14:45 **Alemka Markotić**, University Hospital for Infectious Diseases, Zagreb
Many corona dresses to fool the immune response in the vaccinated and unvaccinated
- 14:45 – 15:15 **Vanda Juranić Lisnić**, Faculty of Medicine, University of Rijeka
Pathogenesis of CMV in the ovaries and impact on fertility
- 15:15 – 15:30 **Jelena Železnjak**, Faculty of Medicine, University of Rijeka
Most abundant transcripts of CMV and their roles
- 15:30 – 15:45 **Marija Mazor**, Faculty of Medicine, University of Rijeka
Development of novel nectin-based immunotherapies for cancer
- 15:45 – 16:15 **Marina Babić Čač**, Faculty of Medicine, University of Rijeka
The role of NKG2D in shaping the immune cell responses during neuroinflammation



Saturday, 3rd September 2022

9:00 – 9:30 **Bojan Polić**, Faculty of Medicine, University of Rijeka
Changes of blood glucose homeostasis set point induced by viral infections are in function of antiviral defence

9:30 – 10:00 **Reinhold Förster**, Hannover Medical School
Immune responses following COVID-19 vaccination and/or SARS-CoV-2 infection

10:00 – 10:30 **Snježana Židovec Lepej**, University Hospital for Infectious Diseases, Zagreb
Molecular and immunological determinants of HCV infection

10:30 – 11:00 **Jelena Ivančić Jelečki**, Centre for Research and Knowledge Transfer in Biotechnology, University of Zagreb
Genetic manipulation of mumps viruses - a tool for generation of safer mumps vaccines and mumps-based vectors

11:00 – 11:30 Coffee break

11:30 – 12:00 **Ofer Mandelboim**, Hebrew University, Jerusalem
Fusobacterium nucleatum: from tooth to tumor

12:00 – 12:30 **Beata Halassy**, Centre for Research and Knowledge Transfer in Biotechnology, University of Zagreb
SARS-CoV-2 neutralization assay - a valuable tool for assessing and comparing immunity in COVID-19 convalescents and vaccinees

12:30 – 13:00 **Igor Jurak**, Department of Biotechnology, University of Rijeka
RNA editing in HSV-1 infection

13:00 – 13:15 **Sanda Ravlić**, Centre for Research and Knowledge Transfer in Biotechnology, University of Zagreb
Upstream and downstream processing of human and murine cytomegalovirus

13:15 – 13:30 **Karlo Mladenčić**, Faculty of Medicine, University of Rijeka
NKG2D-mediated immunosensing of metabolically stressed hepatocytes by innate-like T cells is essential for initiation of NASH and fibrosis

13:30 – 14:30 Lunch

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