



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 and IN-CNR, 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

This project is co-financed by the European Regional Development Fund, via the grant "Strengthening the capacity of CerVirVac for research in virus immunology and vaccinology", KK.01.1.1.01.0006, awarded to the Scientific Centre of Excellence for Virus Immunology and Vaccines.

