



16th CFGBC Symposium

17th June 2021

Virtual symposium, Ljubljana



University of Ljubljana
Faculty of Medicine
Institute of Biochemistry
and Molecular Genetics

13:00 – 13:10 Welcome speeches

Prof. Dr. Janja Jan, Vice-Dean of the Faculty of Medicine, University of Ljubljana

Prof. Dr. Marko Goličnik, Head of the Institute of Biochemistry and Molecular Genetics

Chair: Tadeja Režen

13:10 – 13:40 Jerzy Adamski, Helmholtz Zentrum Munich, Technical University of Munich, Germany
Exploring applications of metabolomics in human complex diseases

Chairs: Špela Baebler, Damjana Rozman

13:40 – 14:00 Anže Zupanič, National Institute of Biology, Slovenia
Analysis of Gene Expression with Causal Networks: cardiotoxicity and neurotoxicity

14:00 – 14:20 Cene Skubic, University of Ljubljana, Faculty of Medicine, Slovenia
The impact of disturbed cholesterol synthesis on RORC nuclear receptor

14:20 – 14:40 Blaž Vrhovšek, University of Ljubljana, Biotechnical Faculty, Slovenia
QTLsper: a user-friendly tool for quantitative trait locus detection and visualization

14:40 – 15:00 Nik Sušič, Agricultural Institute of Slovenia, Slovenia
Genomic studies of root knot nematodes and their bacterial antagonists

15:00 – 15:15 Coffee break (Poster session 3)

15:15 – 16:15 **Virtual poster session (Poster session 1 & 2)**

16:15 – 16:30 Coffee break (Poster session 3)

Chairs: Mojca Benčina, Katarina Trebušak Podkrajšek

16:30 – 17:00 Sašo Džeroski, Jožef Stefan Institute, Slovenia
Artificial Intelligence for Science

17:00 – 17:20 Jernej Kovač, University Medical Centre Ljubljana, Slovenia
Rapid SARS-CoV2 variants surveillance by viral genome sequencing

17:20 – 17:50 Maria Fedorova, University of Leipzig, Germany
Lipidomics signature of human obesity

17:50 – 18:00 Closing remarks