



# 16<sup>th</sup> CFGBC Symposium

17<sup>th</sup> June 2021

Virtual symposium, Ljubljana



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

**13:00 – 13:10** Welcome speeches

Representative from the Deans Office, University of Ljubljana, Faculty of Medicine  
Prof. Dr. Marko Goličnik, Head of the Institute of Biochemistry and Molecular Genetics

**Chair:** Tea Lanišnik Rižner

**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