

From Metabolomics to Steroidomics and Mathematical Modeling

16 September 2025

seminar room at the Institute of Biochemistry and Molecular Genetics, Faculty of Medicine,
University of Ljubljana, Slovenia

Programme

14:00 - 14:05 **Welcome**

14:05 - 14:55 **Jerzy Adamski**

"Metabolomics and Steroidomics-Importance of Study Design"

15:00 - 15:45 **Karl Storbeck**

"Bottom-Up Steroidomics: Predictive Modeling from Enzyme Kinetics"

15:45 – 15:50 **Conclusions**

Information about the speakers:

Prof. Dr Jerzy Adamski is a world-renowned and recognised scientist in the field of metabolomics, founder of the German Society for Metabolomics Research, co-founder of Metaron Diagnostics i.G., editor-in-chief of the Journal of Steroid Biochemistry and Molecular Biology, Professor Emeritus Helmholtz Zentrum München, Technical University of Munich and visiting professor at the Yong Loo Lin School of Medicine, National University of Singapore.

Prof. Dr. Karl Storbeck is known worldwide for his studies on the newly discovered group of biologically active androgens, the 11-oxyandrogens, and for his approach to the mathematical modelling of steroid hormone biosynthesis. He is a full professor and head of the research group at Stellenbosch University in South Africa, co-editor of the Journal of Steroid Biochemistry and Molecular Biology and a member of the editorial board of the journals Steroids and Molecular and Cellular Endocrinology.



Organiser:

Translational Molecular Endocrinology for Women's Health Programme
Group P3-0449 of the Faculty of Medicine, University of Ljubljana