

Session Program

12-17 Jul 2026



**European Conference on Mathematical and Theoretical
Biology (ECMTB 2026)**

***Modelling applications in the pharmaceutical industry
(Pharmacometrics Subgroup)***

University of Graz

Wednesday 15 July

11:10

Modelling applications in the pharmaceutical industry (Pharmacometrics Subgroup)

Session | Location: University of Graz, 01.15 - HS

11:10–11:30

Feature-based prediction of preclinical pharmacokinetic profiles using machine learning and compartmental modeling

Speaker

Felix Jost

11:30–11:50

Mathematical modelling as a tool to investigate bell-shaped dose-response relationships in drug development

Speaker

Gianluca Selvaggio

11:50–12:10

Joint modeling of longitudinal data and survival outcome to improve decision making in oncology drug development

Speaker

Hoai-Thu Thai

12:10–12:30

Fit-for-Purpose Modeling in Immuno-Oncology: A Practical Guide to Data and Quantitative Tools Across the Pipeline, featuring a Case Study on novel T Cell Engagers

Speaker

Inmaculada Sorribes

12:30