

Session Program

12-17 Jul 2026



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

Data-Driven Modeling of CAR T-Cell Dynamics in cancer

University of Graz

Thursday 16 July

17:00

Data-Driven Modeling of CAR T-Cell Dynamics in cancer

Session | Location: University of Graz, 15.04 - HS

17:00–17:20 Spatiotemporal dynamics of tumor - CAR T-cell interaction

Speaker

Ivana Bozic

17:20–17:40

Predicting CAR T-cell Therapy Outcome and Cytokine Release Syndrome Through Data-Driven Mathematical Models

Speaker

Luciana Barros

17:40–18:00 Quantifying target antigen-dependent CAR T-cell performance against AML

Speaker

Philipp Altrock

18:00–18:20

Synergistic interplay of morphology and metabolic activity rule response to CAR T-cells in B-cell lymphomas

Speaker

Soukaina Sabir

18:20