

**Session Program**

12-17 Jul 2026



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

***Quantitative Models of Immune Regulation and Therapeutic  
Response in Cancer***

University of Graz

## Tuesday 14 July

10:40

### Quantitative Models of Immune Regulation and Therapeutic Response in Cancer

Session | Location: University of Graz, 62.01 - HS

10:40–11:00

#### Modelling monoclonal antibody transfer across the human placenta

Speaker

Eleanor Doman

11:00–11:20

#### Modelling Hematopoietic Dynamics in H3K27M-Driven Preleukemia and Implications for AML Therapy

Speaker

Mia Brunetti

11:20–11:40

#### Model selection and parameter inference for p53-driven bone marrow failure

Speaker

Patricia Lamirande

11:40–12:00

#### Modeling immune-mediated effects of RAGE inhibition and radiotherapy in malignant gliomas

Speaker

Miguel Perales-Patón

12:00