

Session Program

12-17 Jul 2026



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

***Mathematical Modeling of Oncolytic Viral Therapy in Solid
Tumors***

University of Graz

Wednesday 15 July

11:10

Mathematical Modeling of Oncolytic Viral Therapy in Solid Tumors

Session | Location: University of Graz, 15.04 - HS

11:10–11:30 **Analysis of a Time-Delayed Reaction–Diffusion Model for Virotherapy and Tumor Control**

Speaker

Dr Arwa Baabdulla

11:30–11:50 **Resistance and immune response during oncolytic virotherapy**

Speaker

Dr Darshak Bhatt

11:50–12:10 **Cell evolution in the presence of viruses**

Speaker

Prof. Dominik Wodarz

12:10–12:30

Computational investigation of the interactions between oncolytic viruses and tumour-associated macrophages

Speaker

Prof. Raluca Eftimie

12:30