

**Session Program**

12-17 Jul 2026



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

***Multi-scale dynamical modeling of immune and cancer cell  
behaviour***

University of Graz

## Friday 17 July

10:40

### Multi-scale dynamical modeling of immune and cancer cell behaviour

Session | Location: University of Graz, 62.01 - HS

10:40–11:00 **Characterization of macrophage phenotypes using mathematical modelling**

**Speaker**

Soujanya Barik

11:00–11:20 **Dissecting immune-cell communication networks in chronic inflammation and cancer**

**Speaker**

Kevin Thurley

11:20–11:40

**When data tells the story: Uncovering transcriptional control landscapes in cancer systems using data-driven model inference**

**Speaker**

Malvina Marku

11:40–12:00 **From Cells to Tissues: Multiscale Systems Biology on the Road to Digital Twins**

**Speaker**

Arnau Montagud

12:00