

Session Program

12-17 Jul 2026



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

Modelling Ocular Disease: From Mechanisms to Treatment

University of Graz

Monday 13 July

10:40

Modelling Ocular Disease: From Mechanisms to Treatment

Session | Location: University of Graz, 11.01 - HS

10:40–11:00 **A model of the unconventional aqueous outflow enhanced by a suprachoroidal stent**

Speaker
Ben Ashby

11:00–11:20 **Heterogeneity, Bias, and Translation Bottleneck in Age-Related Macular Degeneration**

Speaker
Moussa Zouache

11:20–11:40

How Mechanical Forces Shape Stratification and Wound Healing Dynamics in the Corneal Epithelium

Speaker
Neda Khodabakhsh Joniani

11:40–12:00 **Estimating effective diffusion in the vitreous: A profile likelihood approach**

Speaker
Patricia Lamirande

12:00