

Session Program

12-17 Jul 2026



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

***Cell Growth & Division: Connecting Phenomenology to
Mechanisms***

University of Graz

Tuesday 14 July

15:00

Cell Growth & Division: Connecting Phenomenology to Mechanisms

Session | Location: University of Graz, 02.23 - HS

15:00–15:20 **Effects of molecular noise on bacterial size control**

Speaker

Andrew Mugler

15:20–15:40

Cell growth under high antibiotic concentrations drastically reshapes the bacterial transcriptome

Speaker

Daniel Schultz

15:40–16:00 **Cell Size Regulation from Bacteria to Mammalian Cells**

Speaker

Kuheli Biswas

16:00–16:20 **Essential Role of Extrinsic Noise in Models of E. Coli Division Control**

Speaker

Mattia Corigliano

16:20