

Session Program

12-17 Jul 2026



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

Prospectives in HIV

University of Graz

Thursday 16 July

17:00

Prospectives in HIV

Session | Location: University of Graz, 02.21 - HS

17:00–17:20 **Modelling longitudinal vaccine-elicited immune profiles in people living with HIV**

Speaker
Chapin Korosec

17:20–17:40

Mathematical Modeling of HIV-Driven Accelerated Biological Aging via Long-Lived Cell Reservoirs

Speaker
Esteban Hernandez-Vargas

17:40–18:00 **A stochastic model of HIV viral rebound after treatment interruption**

Speaker
Jasmine Kreig

18:00–18:20 **Investigating Heterogeneity in HIV Viral Rebound Times**

Speaker
Jessica Conway

18:20

Friday 17 July

10:40

Prospectives in HIV

Session | Location: University of Graz, 02.21 - HS

10:40–11:00

Tracking and predicting the dynamics of HIV-1 epidemics in France using virus genomic data

Speaker

Louis Colliot

11:00–11:20

Elucidating the mechanism of synergy between latency reversal agents and broadly neutralizing antibodies for HIV remission

Speaker

Narendra Dixit

11:20–11:40

Simulating adaptive within-host HIV sequence evolution

Speaker

Narmada Sambaturu

11:40–12:00

Binding mediated clearance of anti-HIV-1 broadly neutralizing antibodies in viremic individuals

Speaker

Tyler Cassidy

12:00