

host – – microbe interactions

Monday 15/9/2025

09.20–09.30 Welcome & Introduction

09.30–10.40 Tamar Schneider

Open University of Israel

From Ecology to Medicine: The Case of the Pathogen

11.00–12.10 Dagmar Šrůtková

Institute of Microbiology of the Czech Academy of Sciences

Bacterial components as host health influencers

14.00–15.10 David Schneider

Professor of Microbiology and Immunology at Stanford University

Measuring the shape of disease space

15.30–16.40 Peter Šebo

Professor at the Institute of Microbiology of the Czech Academy of Sciences

Western decadence in practice: Why are pertussis epidemics resurging in fully vaccinated populations of high-income countries, the story of immune mispriming

17.00–18.30 Panel discussion: The Architecture of Immunological Thought and the Future of Biomedical Inquiry

Tuesday 16/9/2025

09.30–10.40 Gregor Greslehner

University of Vienna

Not by structures alone: Can the immune system recognize microbial functions?

11.00–12.10 Janelle Ayres

Professor at the Salk Institute for Biological Studies and Howard Hughes Medical Institute

Beyond the arms race: cooperative defenses in host-pathogen interactions

14.00–15.10 Martin Zach

Institute of Philosophy of the Czech Academy of Sciences

Homeostasis in host-microbe interactions

15.30–17.00 Career development session – Czech Young Immunologists



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