

Lecture no. 13167-03
New Trends in Developmental and Molecular Immunology
Advanced Immunology I (HS 2026)

Wednesday 15:15 - 17 hrs, Pharmazentrum, Hörsaal 2
Klingelbergstrasse 50, 4056 Basel
Organizer: Daniela Finke, DBM and UKBB, University of Basel

September 2026

- 16** **Yvette van Kooyk** – Department Molecular Cell Biology and Immunology, University of Amsterdam, NL – via Zoom
Regulation of immune responses by glycans present in the tumor microenvironment
- 23** **Tim Willinger** – Karolinska Institutet, SE - via Zoom
Metabolic Regulation of Macrophage-Tissue Interactions
Metabolic Control of Macrophage Niche Occupation in the Lung
- 30** **No Lecture**

October 2026

- 7** **Francesca Odoardi** – Institute for Neuroimmunology and MS Research, University of Göttingen, DE – via Zoom
Title: TBA
- 14** **Salomé Pinho** – Institute for Research and Innovation in Health & Institute of Molecular Pathology and Immunology of the University of Porto, PT - via Zoom
Rewriting Immunity: The Central Role of Glycans in Inflammation, Autoimmunity, and Cancer
- 21** **Laurence C. Eisenlohr** – Abramson Pediatric Research Center, University of Pennsylvania, USA – via Zoom
Canonical and Noncanonical Antigen Processing and Presentation
- 28** **Jana Pachlopnik-Schmid** – Division of Immunology, University Children's Hospital Zurich, CH – in person
Reading the storm: monogenic clues to the biology of uncontrolled inflammation

November 2026

- 4** **Susana Minguet** – BIOS, University of Freiburg, DE - in person
Harnessing TCR Discoveries for the Next Generation of Immunotherapies
- 11** **Vijay K. Kuchroo** – Harvard University – Brigham and Women's Hospital, Boston, USA - via Zoom
Immune checkpoint molecule TIM-3 in regulating T Cell states
- 18** **Georg Seelig** – Botnar Institute of Immune Engineering, Basel, CH – in person
Model-guided sequence design for mRNA and gene therapy applications
- 25** **Evelyn Ullrich** – Experimental Immunology & Cell Therapy, Goethe University Frankfurt, DE – in person
Current status and perspective of CAR-NK cell therapies

December 2026

- 2** **Jan Böttcher** – Experimental Immunology, University Hospital Tübingen, DE – in person
Regulation of anticancer T cell immunity by tumor-derived prostaglandin E2
Chairperson: Alfred Zippelius
- 9** **Rick Blumberg** – Harvard University – Brigham and Women's Hospital, Boston, USA - via Zoom
Title: TBA
- 16** **Christian Münz** – Institute of Experimental Immunology, University of Zurich, CH – in person
Neuroinflammation after non-neurotropic virus infection
Chairperson: Daniela Finke