



**SFB 1054** Control and Plasticity of  
Cell-Fate Decisions in the Immune System

# SFB 1054 Control and Plasticity of Cell-Fate Decisions in the Immune System

Annual Meeting 2022

Bad Kohlgrub, Hotel Schillingshof  
May 03 – May 05, 2022

## PROGRAM



**Tuesday, 03.05.2022**

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**14:00** Meeting point ZOB ground floor (bus terminals)

**14:30** *Departure ZOB/Munich*

17:00 – 18:00 *Coffee*

18:00 - 18:10 **Thomas Brocker** *“Welcome”*

### **Session 1**

Chair: Kathrin Schumann

18:10 - 18:25 **Dietmar Zehn - B14**

18:30 - 18:45 **Ludger Klein - A01**

*Deciphering determinants of T cell fate decisions through TCR repertoire analyses*

18:50 - 19:05 **Marc Schmidt-Supprian - A02**

*Innate effector T cell differentiation, more questions than answers*

19:10 - 19:25 **Vigo Heissmeyer - A03**

*A network of post-transcriptional gene regulation in T cells*

19:30 – 20:30 *Dinner*

20:30 – 21:30 **Board meeting**

## Wednesday, 04.05.2022

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07:30 – 09:00 *Breakfast*

### Session 2

Chair: Veit Hornung

- 09:00 - 09:15 **Thomas O'Neill - A04**  
*Resolving the TRAF6 paradox in T cells*
- 09:20 - 09:35 **Daniel Kotlarz - A05**  
*Deciphering the role of Cyclin-T1 in human immune cell plasticity – Insights from children with inflammatory bowel disease*
- 09:40 - 09:55 **Anne Krug - A06**  
*Ly6D+ Siglec H+ lymphoid precursors contribute to conventional dendritic cells via a Zbtb46+ Ly6D+ intermediate stage*
- 10:00 - 10:15 **Jürgen Ruland – B01**
- 10:20 - 10:35 **Michael Kugler – B02**  
*Mechanistic understanding of human SLFN11 in antiviral immunity and cancer*
- 10:40 - 11:00 *Coffee*

### Session 3

Chair: Daniel Kotlarz

- 11:00 - 11:15 **Thomas Brocker – B03**  
*Dendritic Cell Control of T Cell Differentiation and Immune Responses by Exosomes*
- 11:20 - 11:35 **Thomas Korn- B06**  
*Generation of aquaporin-4 specific T cells – towards an understanding of the adaptive immune response in neuromyelitis optica*
- 11:40 - 11:55 **Kilian Schober - B09**  
*T cell receptor-driven T cell fate in infectious diseases and cancer*
- 12:00 - 12:15 **Veit Hornung – B17**  
*Innate sensing mechanisms in T cells*

12:30 - 14:00 *Lunch*

#### **Session 4**

Chair: Anne Krug

- 14:00 - 14:15 **Christina Zielinski – B10**  
*T cells with holes*
- 14:20 - 14:35 **Carolin Daniel – B11**  
*Mechanisms of immune activation vs. regulation in autoimmune Type 1 Diabetes*
- 14:40 - 14:55 **Veit Buchholz – B15**  
*Deciphering cell fate decisions of single NK cells during infection*
- 15:00 - 15:15 **Kathrin Schumann – B16**  
*Transcriptional and epigenetic networks regulating human regulatory T cell identity*
- 15:20 - 15:45 *Coffee*
- 15:45 – 16:45 **General Meeting** (*includes information about IRTG, Gender and FlowCytometry*)

#### **Poster Presentations**

- 19:00 **Mix and Meet at the Poster** (*includes dinner*)

**Thursday, 05.05.2022**

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07:30 - 09:00 *Breakfast*

**09:30** *Departure*