

# International Symposium on T cells and T-cell lymphomas

September 20-21, 2019

## Venue:

Lehr- und Lernzentrum, University Hospital Essen  
Virchowstr. 163a, 45147 Essen, Germany  
Deichmann Auditorium



## Organization:

Prof. Ralf Küppers  
Institute of Cell Biology (Tumor Research)  
University Hospital Essen

Prof. Martin-Leo Hansmann  
Frankfurt Institute of Advanced Studies and  
University Hospital Frankfurt a.M.

PD Marco Herling  
Department I of Internal Medicine  
University Hospital of Cologne

# Program

## **Meeting schedule**

September 20: Registration will start at 10 am

September 21: Remarks from Prof. Hansmann and Prof. Küppers at 14:30 will conclude the meeting.

## **Oral presentations**

Please reserve at least five minutes (two minutes for the short talks) of your designated time for discussions at the end of your talk.

We kindly ask you to hand in your presentation files before each session, so that they can be transferred to the computer beforehand.

## **Poster presentations**

Please mount your posters at the beginning of the meeting, thereby allowing visitors to already have a look at them during the breaks.

The official poster walk will begin on September 20 at 17:50.

**Friday, September 20, 2019**

**11:00      Opening remarks**

Martin-Leo Hansmann, Frankfurt a.M.; Ralf Küppers, Essen

**11:15      Welcome address**

Prof. J. Fandrey, Academic Vice Dean, Essen

**Session 1: T-cell differentiation and function**

Chairperson: J. Kirberg

---

**11:20      Metabolic checkpoints controlling T cell function**

Tim Sparwasser, Mainz

**11:50      Deciphering T cell (cross)reactivity for therapeutic interventions**

Jan Kisielow, Zürich

**12:20      Human T cells in time and space**

Femke van Wijk, Utrecht

**12:50      Lunch**

## **Session 2: Imaging and migration of immune cells**

Chairpersons: I. Roeder & H. Abken

---

- 13:40**      **Investigating antiviral immunity against Friend virus infection in vivo**  
Matthias Gunzer, Essen
- 14:10**      **Modulation of acto-myosin dynamics during cell migration through complex environments**  
Matthieu Piel, Paris
- 14:40**      **PD1+ cell movement in human lymphoid tissue**  
Martin-L. Hansmann, Frankfurt a.M. (Member of CONTROL-T)
- 15:00**      **Migration properties and chemokines distinguish tumor cells of classical Hodgkin lymphoma from anaplastic large cell lymphoma cells**  
Sylvia Hartmann, Frankfurt a.M. (Member of CONTROL-T)
- 15:20**      Short talk:  
**T cell recognition of allogeneic HLA depends on peptide repertoire similarity and impacts alloreactive TCR diversity**  
Esteban Arrieta-Bolaños, Essen
- 15:30**      **Coffee break**

### **Session 3: T-cell lymphoma pathogenesis (1)**

Chairpersons: M. Herling & R. Scholtysik

---

- 15:50**      **Somatic mutations in T cells in benign and malignant diseases**  
Satu Mustjoki, Helsinki
- 16:20**      **It takes two to tango: How BATF3 and TYK2 are driving anaplastic large cell lymphoma**  
Olaf Merkel, Wien
- 16:50**      **Pathogenetic and prognostic role of *FAT1* mutations in peripheral T-cell lymphoma of the NOS type**  
Stefano Pileri, Bologna
- 17:20**      **Aspects of T-cell lymphoma pathogenesis**  
Ralf Küppers, Essen (Member of CONTROL-T)
- 17:40**      Short talk:  
**The gain-of-function STAT5B<sup>N642H</sup> mutation as a driver of mature T-cell leukemia/lymphoma**  
Heidi Neubauer, Wien
- 17:50 –**      **Poster walk and get together**  
**19:00**

**Saturday, September 21, 2019**

**Session 4: Modeling of T-cell homeostasis and immune reactions**

Chairpersons: M.-L. Hansmann & Veronique Thomas-Vaslin

---

- 8:30            Modeling T lymphocyte dynamics:  
From physiology to perturbations of immune system**  
Veronique Thomas-Vaslin, Paris
- 9:00            Genetic evolution of T cell acute lymphoblastic leukemia  
resulting from thymus autonomy**  
Thomas Höfer, Heidelberg
- 9:30            Revisiting the role of the transcription factor Foxo1 in the  
generation and homeostasis of effector and regulatory  
CD4 T cells**  
Bruno Lucas, Paris
- 10:00          Niche stratification offsets T-cell hierarchies**  
Jörg Kirberg, Langen (Member of CONTROL-T)
- 10:20          Mathematical reflections on the multifacetedness of T-cell  
clonal competition**  
Hans Diebner, Dresden (Member of CONTROL-T)
- 10:40          Coffee break**

## **Session 5: T-cell lymphoma pathogenesis (2)**

Chairperson: R. Küppers

---

- 11:00**      **An epigenetic landscape of mature T-cell lymphomas by using ATAC-sequencing**  
Emanuel Bachy, Lyon
- 11:30**      **TP63 alterations promote transformation through aberrant histone methylation**  
David Weinstock, Boston
- 12:00**      **The T-cell receptor and its signaling in T-PLL**  
Sebastian Oberbeck, Cologne (Member of CONTROL-T)
- 12:20**      **Lunch**

## **Session 6: Preclinical models and therapy of T-cell tumors**

Chairperson: S. Hartmann

---

- 13:10**      **Current state and promising new approaches in the treatment of peripheral T-cell lymphomas**  
Marco Herling, Cologne (Member of CONTROL-T)
- 13:30**      **CAR T-cell approaches for peripheral T-cell lymphomas**  
Paul Maciocia, London
- 14:00**      **Targetable vulnerabilities identified through preclinical models**  
Raphael Koch, Göttingen
- 14:30**      **Concluding remarks**  
Martin-L. Hansmann, Frankfurt a.M.; Ralf Küppers, Essen