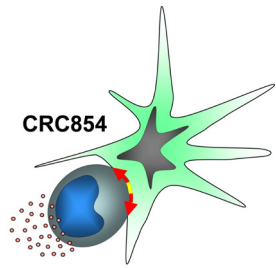


VENUE

Dorint Herrenkrug Parkhotel Magdeburg
Herrenkrug 3
39114 Magdeburg
Germany

hotel-magdeburg.dorint.com
Phone: +49 391 8508-0



HEALTH CAMPUS

Immunology, Infectiology and Inflammation



Understand | **Cure**
Inflammation | Diseases

Gefördert durch

DFG Deutsche
Forschungsgemeinschaft

CONTACT

SFB 854 Spokesman
Prof. Dr. med. Burkhard Schraven

Otto-von-Guericke-University Magdeburg
Institute of Molecular and Clinical Immunology
Leipziger Str. 44
39120 Magdeburg
Germany

Phone: +49 391 67 15800
Fax: +49 391 67 15852
E-Mail: burkhart.schraven@med.ovgu.de

ORGANIZATION & REGISTRATION

This symposium is jointly organized by the MGK 854 students and the CRC 854 organization committee:

Dr. Martina Beyrau
Heike Dömeland
Irena Osterland

CONTACT:

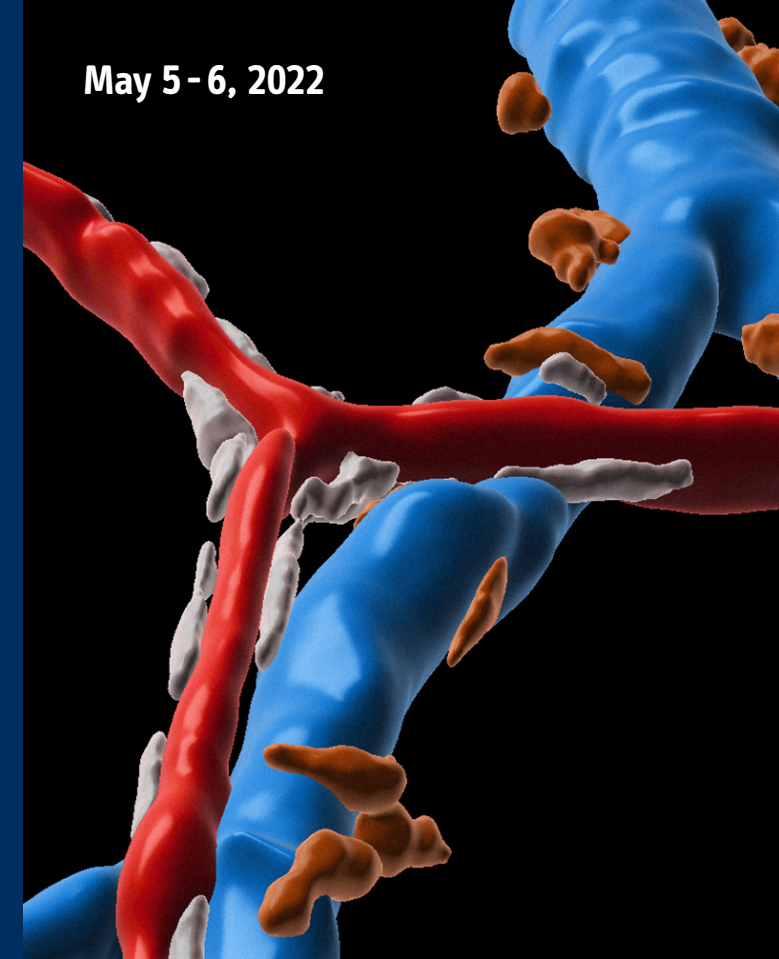
Heike Dömeland
Phone: +49 391 67 17843
Fax: +49 391 67 15852
E-Mail: heike.doemeland@med.ovgu.de

REGISTRATION:



3G-
Event

May 5 - 6, 2022



3rd International Symposium of the Collaborative Research Centre 854

Molecular Organization of Immune Cell Communication

www.sfb854.de
www.med.uni-magdeburg.de



OTTO VON GUERICKE
UNIVERSITÄT
MAGDEBURG



UNIVERSITÄTSMEDIZIN
MAGDEBURG

3rd International Symposium of the Collaborative Research Centre 854

Molecular Organization of Immune Cell Communication

THURSDAY, MAY 5

Welcome Addresses

- Chair **Burkhard Schraven**
- 08:30 - 09:00 **Jens Strackeljan** | President of the Otto-von-Guericke-University Magdeburg
- Daniela C. Dieterich** | Dean of the Medical Faculty Magdeburg

Organ specific immunity: CNS

- Chairs **Angela Wedekind, Andrea Kröger**
- 09:00 - 09:30 **Michael T. Heneka** | Luxembourg, LU
Hen or egg: What is the role of innate immunity for neurodegeneration
- 09:30 - 10:00 **Julie C. Ribot** | Lissabon, PT
Meningeal gamma-delta T cells: Impact on cognition in health and disease
- 10:00 - 10:30 **Jan van den Bossche** | Amsterdam, NL
Metabolic control of macrophage activation
- 10:30 - 11:00 **Coffee break**

Signaling I: Disease models

- Chairs **Ina Sauerland, Andreas Müller**
- 11:00 - 11:30 **Petra Bacher** | Kiel, DE
Regulation of tolerance and inflammation by human antigen-specific T helper cells
- 11:30 - 12:00 **Rick M. Maizels** | Glasgow, UK
Immune regulation and regulators in parasite infection

- 12:00 - 12:30 **Dimitrios Mouggiakakos** | Magdeburg, DE
CAR T cells from lymphoma to SLE
- 12:30 - 14:00 **Lunch, Poster exhibition**

Signaling II: TCR/BCR

- Chairs **Nikhil Tiwari, Ulrich Thomas**
- 14:00 - 14:30 **Susana Minguet** | Freiburg, DE
From the basic mechanism of TCR activation to innovative T cell-based immunotherapies against cancer
- 14:30 - 15:00 **Dietmar Zehn** | München, DE
Mechanisms that adjust and control the T cell effector capacity
- 15:00 - 15:30 **Jürgen Wienands** | Göttingen, DE
B-lymphoid nuclear logistics and the control of B cell fate decisions for humoral immunity
- 15:30 - 16:00 **Coffee break**

Imaging of immune functions

- Chairs **Iris Baars, Anne Dudeck**
- 16:00 - 16:30 **Wolfgang Kastenmüller** | Würzburg, DE
Cellular networks during T-cell activation and checkpoint immunotherapy
- 16:30 - 17:00 **Matthias Gunzer** | Essen, DE
The impact of sterile inflammation on tissue infiltration and function of neutrophil granulocytes
- 17:00 - 17:30 **Andreas J. Müller** | Magdeburg, DE
NO joke: reconciling the roles of Nitric Oxide as immune checkpoint and antimicrobial effector molecule

Poster talks & poster session

- Chair **Henning Düsedau, Bastian Kruse, Dunja Bruder**
- 17:30 - 18:00 **PhD students of the MGK 854**
Poster short talks
- 18:00 - 19:30 **Poster session with beer & snacks**
- 19:30 **Dinner**

FRIDAY, MAY 6

Keynote Lecture: Tumor immunology

- Chair **Burkhard Schraven**
- 09:00 - 10:00 **Robert Zeiser** | Freiburg, DE
Oncogene driven immune escape of leukemia cells after hematopoietic cell transplantation

Mast cells

- Chairs **Hanna Edler, Andreas J. Müller**
- 10:00 - 10:30 **Jenny Hallgren Martinsson** | Uppsala, SE
Mast cells and their progenitors in allergic airway inflammation
- 10:30 - 11:00 **Anne Dudeck** | Magdeburg, DE
Emerging roles for mast cells as initiators and orchestrators of immune responses
- 11:00 - 11:30 **Coffee break**

Signaling III: T cell differentiation

- Chairs **Dheerendra Gupta, Berend Isermann**
- 11:30 - 11:45 **Laura Knop** | Magdeburg, DE
The role of stromal cells in the regulation of CD8⁺ T cell responses
- 11:45 - 12:00 **Janne Reinking** | Braunschweig, DE
Exploring antigen-presenting cell cross-dressing at the T cell immunological synapse
- 12:00 - 12:30 **Julia K. Polansky** | Berlin, DE
Epigenetic control of T cell differentiation: From genome-wide signatures to local regulators and their targeted manipulation
- 12:30 - 13:00 **Ellis L. Reinherz** | Boston, US
Structural biology of pMHC receptors functioning as mechanosensors in the $\alpha\beta$ T-cell lineage
- 13:00 - 15:00 **Closing remarks, Lunch for speakers & council**