

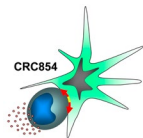
# CRC 854 Retreat 2019

THANK YOU FOR YOUR PARTICIPATION  
IN QUEDLINBURG



Gefördert durch  
**DFG** Deutsche  
Forschungsgemeinschaft

GESUNDHEITSCAMPUS  
Immunologie, Infektiologie und Inflammation  
Entzündung | Volkskrankheiten  
verstehen | heilen



## Venue

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Schlossmühle/Quedlinburg  
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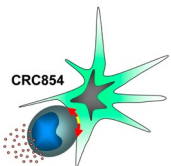
# CRC 854 Internal Retreat 2019

20<sup>th</sup> – 22<sup>nd</sup> NOVEMBER 2019  
QUEDLINBURG

[www.med.uni-magdeburg.de](http://www.med.uni-magdeburg.de)



UNIVERSITÄTSMEDIZIN  
MAGDEBURG



Wednesday, November 20th, 2019

starting 18:30 Welcome Dinner

Thursday, November 21st, 2019

08:50 – 09:00 Welcome Reception | Burkhard Schraven

09:00 – 10:35 Session I | Chair: Thomas Fischer

09:00 – 09:20 **A01 | Peter R. Mertens**  
Influence of cold shock Y-box (YB) protein-1 on monocytic cell activation and inflammatory kidney diseases

09:25 – 09:45 **A04 | Michael Naumann**  
Helicobacter pylori type IV secretion system- directed membrane-proximal NF- $\kappa$ B signaling

09:50 – 10:10 **A05 | Dirk Schlüter**  
Plasticity and cell type-specific functions of OTUB1 in infection

10:15 – 10:35 **A23 | Ingo Schmitz**  
The role of the atypical NF- $\kappa$ B inhibitory protein I $\kappa$ B<sub>NS</sub> in effector cells

10:35 – 11:15 Coffee & Tea Break

11:15 – 12:50 Session II | Chair: Ildiko R. Dunay

11:15 – 11:35 **A20 | Thomas Fischer**  
Aberrant activation of  $\beta$ 1 and  $\beta$ 2 integrins on leukocytes in JAK2-V617F mutated disease

11:40 – 12:00 **A27 | Thomas Tüting**  
Local control of tumor-specific CD4<sup>+</sup> T cell functions in melanoma

12:05 – 12:25 **A25 | Martin Korte**  
Neurotrophin mediated signaling pathways common to the immune and the nervous system: acute and long-term effects in a model of chronic CNS infection

12:30 – 12:50 **A29N | Daniela Dieterich**  
Functional role of neuronal ageing on neuron-T cell interaction during viral CNS infection

12:50 – 14:15 Imbiss

14:15 – 15:50 Session III | Chair: Thomas Tüting

14:15 – 14:35 **B14 | Monika Brunner-Weinzierl**  
CTLA-4 (CD152)-induced signaling pathways as regulators of CD8<sup>+</sup> T lymphocytes

14:40 – 15:00 **A28N | Ildiko R. Dunay**  
Molecular mechanisms of mast cell –endothelial cell communication in controlling the blood-brain barrier

15:05 – 15:25 **A30N | Gopala Nishanth**  
Astrocyte- and dendritic cell-specific function of the deubiquitinating enzyme Cezanne (OTUD7B) in experimental cerebral malaria

15:30 – 15:50 **B08 | Ulrich Thomas**  
Role of the synaptic cell adhesion molecule Neuroplastin in the immune system: relevance for signaling and Ca<sup>2+</sup> homeostasis during T cell development and activation

15:50 – 16:30 Coffee & Tea Break

16:30 – 18:15 Session IV | Chair: Oliver Stork

16:30 – 16:50 **B12 | Stefanie Kliche**  
ADAPtive T cell migration into the stressed brain

16:55 – 17:15 **B16 | Lothar Jänsch**  
Control of immunological synapse formation in Tregs

17:20 – 17:40 **B19 | Luca Simeoni**  
Regulation of the Src-family kinase Lck by posttranslational modifications and TCR/Lck interactions

17:40 – 18:15 Summary, General Assembly CRC854 | Burkhard Schraven

starting 19:00 Dinner

Friday, November 22nd, 2019

09:00 – 10:10 Session V | Chair: Andrea Kröger

09:00 – 09:20 **B26 | Berend Isermann**  
Regulation of T cell plasticity and metabolism by coagulation regulators

09:25 – 09:45 **B31N | Andreas Müller**  
Dynamic imaging and modelling of the regulation of T cell – pathogen equilibration during chronic infection

09:50 – 10:10 **Z | Andreas Müller**  
Multimodal Imaging Platform

10:10 – 11:00 Coffee & Tea Break

11:00 – 12:25 Session VI - Guests | Chair: Burkhard Schraven

11:00 – 11:10 **GUEST | Andreas Fischer**  
Vascular control of tumor progression

11:15 – 11:25 **GUEST | Borna Relia**  
Research Perspectives in Experimental Radiology and Surgery

11:30 – 11:40 **GUEST | Sascha Kahlfuss**  
Ionic Control of Pathogenic and Non-Pathogenic T cells

11:45 – 11:55 **GUEST | Achim Kaasch**  
S. aureus from bedside to bench

12:00 – 12:10 **GUEST | Jessica Bertrand**  
Mediators of inflammatory processes at the implant tissue interface

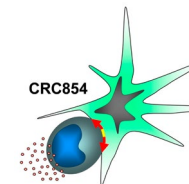
12:15 – 12:25 **GUEST | Jens Schreiber**  
Clinical and Experimental Research Perspectives in Pneumology

12:30 – 13:15 Future Perspectives (and Farewell) | Thomas Tüting, Daniela Dieterich, (Burkhard Schraven)

13:15 – 14:30 Lunch

14:30 Departure

14:30 – 16:30 Assembly, strategic decisions (internal meeting SFB-council)



Gefördert durch

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