



SFB1009 RETREAT

Freitag, 19. Juni 2015 um 9:00 Uhr

Parkhotel Schloss Hohenfeld, Dingbängerweg 400, 48161 Münster
www.parkhotel-hohenfeld.de

PROGRAMME

LOOK OUT !!! All presentations strictly 10 minutes plus 10 minutes discussion!
Time frame for each talk is indicated.

09:00 Welcome – Georg Peters

09:15 A01 – Dietmar Vestweber, Martina Dierkes,
- 09:25 Kathleen Spring
Leukocyte migration through the blood vessel wall and mechanisms that modulate integrin activation

09:35 A02 – Lydia Sorokin, Jian Song
- 09:45 Mechanisms of leukocyte penetration of vascular cell basement membranes

09:55 A03 – Heinz Wiendl, Alexander Herrmann
- 10:05 The role of coinhibitory signals of the B7/CD28 family in breaching the blood-brain-barrier and modulating neuroinflammation

10:15 A05 – Alexander Zarbock, Anika Stadtmann
- 10:25 The role of GTPases in integrin activation and leukocyte recruitment

10:35 A06 – Ursula Rescher, Volker Gerke, Danute Miller, Nicole Hübel
- 10:45 Formyl peptide chemoattractant receptors in leukocyte activation and transendothelial migration

10:55 Coffee Break

11:10 A08 – Thomas Pap, Ulrich König
- 11:20 Mechanisms of transendothelial fibroblast migration in rheumatoid arthritis

11:30 A09 – Johannes A. Eble, Stephan Niland
- 11:40 The adhesome type as determinant of function and fate of vascular cells

11:50 Discussion Project Area A

12:05 B01 – Georg Peters, Silke Niemann, Desirée
- 12:15 Block
Mechanisms of Staphylococcus aureus to breach cellular barriers and to invade host tissue

12:25 B02 – Christina Ehrhardt, Stephan Ludwig,
- 12:35 Magdalena Holzberg, Siarhei Sitnik
MAP Kinase cascades and influenza virus infection

12:45 B03 – M. Alexander Schmidt, Anne-Sophie
- 12:55 Stolle, Benjamin Grabowski
Autopenetrating bacterial effector proteins and modulation of signaling responses in cellular barriers

13:05 Lunch Break

13:45 B04 – Alexander Mellmann, Helge Karch,
- 13:55 Martina Bielaszewska
The bacterial secreted combinome: Synergistic host injury by exotoxins of enterohemorrhagic Escherichia coli

14:05 B05 – Ulrich Dobrindt, Christoph Stork,
- 14:15 Michael Knödler
Genetic basis involved in host interaction and adaptation of Escherichia coli: Impact on crosstalk with cellular barriers

14:25 B07 – Karin Loser, Lars Klenner
- 14:35 The role of RANK-RANKL signaling for skin homeostasis and barrier function during anti-microbial immune responses



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PROGRAMME CONTINUED

14:45 B08 – Thomas Vogl, Dirk Föll, Sumit Thurainayagam
- **14:55** DAMP-induced proinflammatory feedback mechanisms between phagocytes and epithelial barriers during acute lung inflammation (ALI)

15:05 B09 – Johannes Roth, Olesja Fehler
- **15:15** Epidermal stress response and barrier integrity in allergy and autoimmune diseases

15:25 Z02 – Cornelius Faber, Tim Klasen
- **15:35** *In vivo* imaging of dynamics in and at cellular barriers

15:45 Coffee Break

15:55 Discussion Project Areas B + Z

16:10 Strategy for the 2nd Funding Period – Discussion round of all Principle Investigators

16:30 End of Retreat

16:30 Final Discussion of the Managing Board

