

November 22nd, 2016

Tuesday, November 22nd, 2016

Session VI:

Novel anti-inflammatory pathways

Chairs: Ursula Rescher, Stephan Nieland

09:00 **Thomas Weichhart** (Vienna, Austria)
mTOR and macrophage homeostasis

09:30 **Felicity Gavins** (Shreveport, LA, USA)
The role of formyl peptide receptors (FPRs) in cerebral microvascular thrombosis in sickle cell disease

10:00 **Theresa Ortkras** (Münster, Germany)
Nucleosome remodeling in S100A8/A9 induced stress tolerance of human monocytes

10:15 **Urvashi Bhatia** (Münster, Germany)
The role of cytotoxic CD8 T cells in the pathology of Susac Syndrome

10:30 Coffee

Session VII:

Translational research for auto-inflammatory diseases

Chairs: Johannes Roth, Cornelius Faber

11:00 **Mohamed Lamkanfi** (Gent, Belgium)
Inflammasome activation in auto-inflammatory diseases

11:30 **Tim Nihues** (Krefeld, Germany)
TOLL, DADA and SPÄTZLE

12:00 **Berent Prakken** (Utrecht, NL)
Preventing waste in the translation from bed to bedside

Closing remarks

12:30 Lunch and Departure

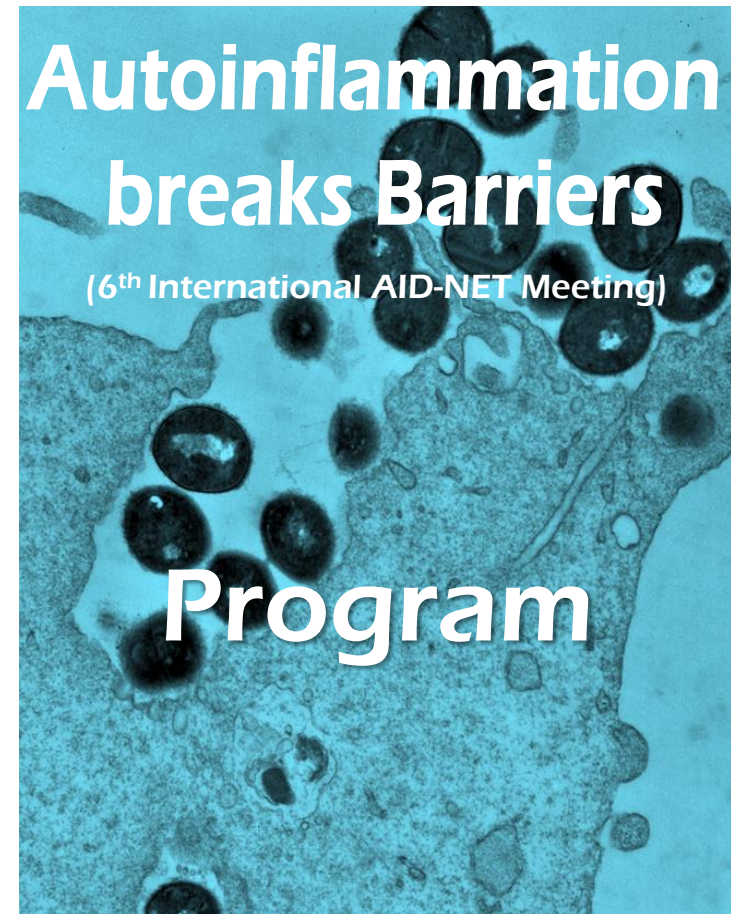
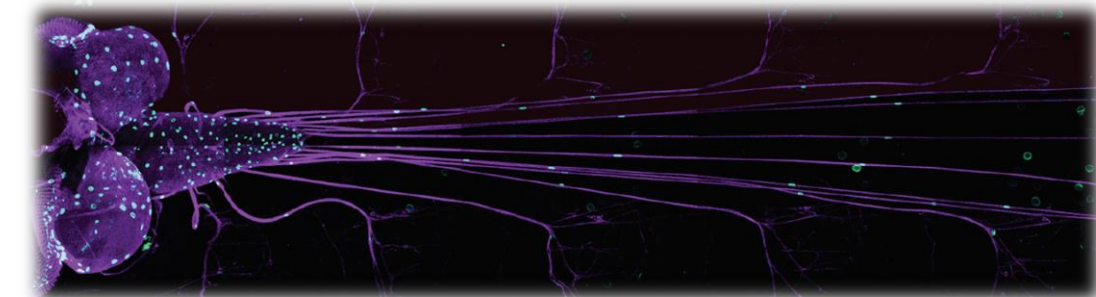
End of meeting

2nd International Symposium on

**Autoinflammation
breaks Barriers**

(6th International AID-NET Meeting)

Program



Conference Venue

Lecture Hall, Max Planck Institute for Molecular Biomedicine

Röntgenstraße 20, 48149 Münster, www.mpi-muenster.mpg.de

Conference Secretariat:

Britta Koppe and Heike Selle, Phone +49 (251) 70365 131

Organising Committee: Karin Loser, Johannes Roth, Thomas Vogl



Münster, November 20-22, 2016
Max Planck Institute for Molecular Biomedicine

Sunday, November 20th, 2016

- 16.00 Registration and Poster Setup
 17.00 **Welcome Note** by the Rectorate of the WWU and the Dean of the Medical Faculty

Session I:
Barriers towards the environment: how they function and how they are renewed
Chairs: Karin Loser, Hermann Pavenstädt

- 17.30 **Akiharu Kubo** (Tokyo, Japan)
 Epidermal cell turnover across tight junctions based on Kelvin's tetrakaidecahedron cell shape
- 18:00 **Manfred Kopf** (Zürich, Switzerland)
 Development and function of lung macrophages and dendritic cells
- 18.30 **Come together**
 Foyer of the Lecture Hall, MPI for Molecular Biomedicine

**Monday, November 21st, 2016**

Session II:
New players and pathways in CNS inflammation
Chairs: Luisa Klotz, Xueli Zhang

- 09:00 **Alexander Flügel** (Göttingen, Germany)
 The leptomeninges: A checkpoint for autoimmune effector T cells on their way into the CNS
- 09:30 **Marco Prinz** (Freiburg, Germany)
 The Universe of Myeloid Cells in the CNS
- 10:00 **Francisco Quintana** (Boston, MA, USA)
 Regulation of CNS inflammation
- 10:30 Coffee and **Poster Preview**

Session III:
The innate immune system – a key player in physiology and pathology
Chairs: Alexander Zarbock, Thomas Vogl

- 11:00 **Frank van de Veerdonk** (Nijmegen, NL)
 Trained immunity in hyper IgD syndrome
- 11:30 **Oliver Söhnlein** (München, Germany)
 Neutrophils and platelets cooperate in monocyte recruitment: From physiology to intervention
- 12:00 **Xueli Zhang** (Münster, Germany)
 The mechanism of Endothelial Cell Laminins in Leukocyte Transmigration of the Blood-Brain Barrier
- 12:15 Lunch and **Poster Viewing**

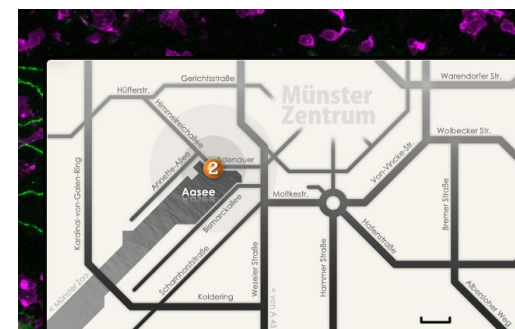
Session IV:
ILCs – a novel cell subset crucial for barrier protection
Chairs: Karin Loser, Christian Rüter

- 13:30 **Georg Gasteiger** (Mainz, Germany)
 Local players in tissue immunity: Development and interactions of tissue-resident memory cells and ILCs
- 14:00 **Chiara Romagnani** (Berlin, Germany)
 Activation and differentiation of human innate lymphoid cells
- 14:30 **Eduardo Villablanca** (Stockholm, Sweden)
 Immune cell homeostasis at the intestinal barrier
- 15:00 Coffee break and **Poster Viewing**
 Poster committee:
 Katarzyna Barczyk-Kahlert, Christina Ehrhardt, Luisa Klotz, Silke Niemann, Ursula Rescher, Christian Rüter

Session V:
The lung epithelial barrier

Chairs: Christina Ehrhardt, Silke Niemann

- 16:00 **Ludger Johannes** (Paris, France)
 Bacterial and cellular lectin-driven and glycosphingolipid-dependent construction of endocytic pits
- 16:30 **Norbert Suttorp** (Berlin, Germany)
 Treatment of lung barrier failure
- 17:00 **Sylvia Knapp** (Wien, Austria)
 Regulation of lung immunity in homeostasis and disease
- 17:30 **Andre van Kruchten** (Münster, Germany)
 Influence on apoptotic and necrotic mechanisms upon influenza A virus and Staphylococcus aureus super-infection
- 19:00 **Dinner**
 Restaurant "A2 am Aasee"



19.00 Dinner
Restaurant A2 am See
(Annette-Allee 3, 48149 Münster)

Poster Awards (sponsored by Fa. Bühlmann Laboratories AG, Baselstr. 55, 4124 Schönenbuch, Switzerland)