

November 7th, 2014 (continued)

November 8th, 2014

- 18.00 **Selina K. Fassl** (Münster, Germany)
Molecular link between mutations in PSTPIP1 and MRP8/14 secretion in PSTPIP1-associated myeloid-related-proteinaemia inflammatory syndrome (PAMI)
- 18.15 **Nadine Sucker** (Münster, Germany)
Alpha-MSH inhibits the development and progression of autoimmune encephalomyelitis



Saturday, November 8th, 2014

Session VII: Cellular deficiencies in autoinflammation

Chair: Dietmar Vestweber, Georg Peters

- 09.00 **Matthew Collin** (Newcastle, UK)
Human dendritic cell deficiency syndromes
- 09.30 **Leo A. Joosten** (Nijmegen, NL)
Mechanisms of innate immunity: Lessons from susceptibility to specific infections
- 10.00 **Frank O. Nestle** (London, UK)
Mechanisms of skin inflammation

- 10.30 **Stephanie Volmering** (Münster, Germany)
Bruton's tyrosine kinase (BTK) is required for neutrophil recruitment during sterile inflammation
- 10.45 **Christina Ehrhardt** (Münster, Germany)
Type 1 interferon-mediated signaling is inhibited upon influenza A virus and Staphylococcus aureus co-infection
- 11.00 Coffee break

Session VIII: Leukocyte trafficking through barriers

Chair: Alexander Zarbock, Lydia Sorokin

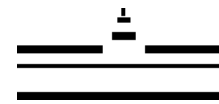
- 11.30 **Federica Marelli-Berg** (London, UK)
Mechanisms of T lymphocyte trafficking
- 12.00 **Clifford Lowell** (San Francisco, USA)
The multifaceted functions of neutrophils
- 12.30 **Waldemar Kolanus** (Bonn, Germany)
Role of dynamin-2 in Rap1-mediated integrin adhesion
- 13.00 **Debashree Goswami** (Münster, Germany)
Role of CD99 in leukocyte transendothelial migration
- 13.15 Closing remarks
- 13.30 Lunch and **End of meeting**

Conference Venue

Lecture Hall, Max Planck-Institute for Molecular Biomedicine

Röntgenstrasse 20, 48149 Münster, www.mpi-muenster.mpg.de
Conference Secretariat Heike Selle, Phone: +49 (251) 70365 979

Organising Committee: Karin Loser, Johannes Roth, Thomas Vogl



WESTFÄLISCHE
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1st International Symposium on

**Autoinflammation
breaks Barriers**

(5th International AID-NET Meeting)

**Final
Programme**

Münster, November 06-08, 2014

Max-Planck-Institute for Molecular Biomedicine



Thursday, November 6th, 2014

14.00 Registration and Poster Setup

14.30 **Welcome Address** by the Rectorate of the WWU and the Dean of the Medical Faculty**Session I: Alternative secretion in auto-inflammation****Chair: Johannes Eble, Thomas Vogl**15.00 **Stefan K. Drexler** (Basel, Switzerland)
Regulation of IL-1 α secretion by inflammasomes15.30 **Thomas M. Kündig** (Zurich, Switzerland)
Inflammasome activation and IL-1 α secretion16.00 **David Brough** (Manchester, UK)
Release of IL-1 α and 1 β and cell death16:30 **Sebastian Unger** (Heidelberg, Germany)
Structure-function-relationship of membrane-inserted FGF2 oligomers

16.45 Coffee break

Session II: Host-pathogen interactions**Chair: Ulrich Dobrindt, Helge Karch**17.15 **Klaus Pfeffer** (Düsseldorf, Germany)
Jak- and STAT signaling in the control of infections at barriers17.45 **Dirk Haller** (Munich, Germany)
Intestinal microbiota and the cross-talk between inflammation and metabolism18.15 **Petr Broz** (Basel, Switzerland)
Pattern recognition receptors and intracellular pathogens18.45 **Javier Ochoa-Repáraz** (Hanover, USA)
Reaping the gut microbiome: Role of commensal bacteria in regulation of CNS demyelination19:15 **Christoph Stork** (Münster, Germany)
Host interaction and adaptation of *Escherichia coli* in the urinary tract19.30 **Welcome Reception** /poster viewing
Foyer of the Lecture Hall, MPI for Molecular BiomedicineFriday, November 7th, 2014**Session III: Macrophage development and diversity****Chair: Ursula Rescher, Cornelius Faber**08.30 **Frederic Geissmann** (London, UK)
Macrophage ontogeny09.00 **Thomas A. Wynn** (Bethesda, USA)
Macrophage differentiation in homeostasis and disease09.30 **Joachim Schultze** (Bonn, Germany)
Monocyte and macrophage diversity10.00 **Nicole Hübel** (Münster, Germany)
Annexin A1 – a central mediator in the transfer of endotoxin tolerance10.15 Coffee break and **poster session I**
(even numbers) Poster committee: Lars Klenner, Jeannine Wegner, Steffi Zenker**Session IV: Innate immunity at epithelial barriers****Chair: Christina Ehrhardt, Karin Loser**11.15 **Ariel Munitz** (Tel Aviv, Israel)
Eosinophils: Major effector cells at biological barriers11.45 **Dale Umetsu** (Boston, USA)
Innate lymphoid cells: Regulators of airway epithelial function12.15 **Thomas Tüting** (Bonn, Germany)
UV-induced neutrophilic inflammatory responses and the development of skin cancer12.45 **Christian Rüter** (Münster, Germany)
Drugs from bugs – the bacterial effector protein YopM is a self-delivering anti-inflammatory agent

13.00 Lunch and poster viewing

Session V: Inflammation at the blood-brain-barrier**Chair: Heinz Wiendl, Tilman Schneider-Hohendorf**14.00 **Ari Waisman** (Mainz, Germany)
Oligodendrocyte physiology and anti-CNS immunity14.30 **Stefan Bittner** (Münster, Germany)
Immune cell trafficking through the blood-brain-barrier during CNS inflammation15.00 **Doron Merkler** (Geneva, Switzerland)
Neurodegeneration and neuroprotection in EAE and MS: Role of TLR signaling and interferons15.30 **Stephanie Hucke** (Münster, Germany)
The bile acid receptor FXR controls CNS autoimmunity in an IL-10-dependent fashion15.45 **Elisabeth Schuh** (Munich, Germany)
Bridging the gap between auto-inflammation and autoimmunity: Multiple sclerosis and low penetrance mutations in the NLRP3/CIAS1 gene16.00 Coffee break and **poster session II**
(odd numbers) Poster committee: Martina Bielaszewska, Helena Block, Viktor Wixler**Session VI: Targeted therapies of auto-inflammation****Chair: Johannes Roth, M. Alexander Schmidt**17.00 **Nico M. Wulffraat** (Utrecht, NL)
IL-1-directed therapies17.30 **Stefan Rose-John** (Kiel, Germany)
The therapeutic potential of IL-6 hyperagonists and antagonists