

Sunday, 23. February 2014

- 18:00 **IRTG Steering Committee Meeting**
20:00 **Dinner**

Monday, 24. February 2014

- 08:30 **Hans-Martin Jäck**
Welcome & Overview of B cell immunity
- 09:30 **Fritz Melchers**
B-Lymphocyte development from stem cells to mature B cell lineages
- 10:30 **Coffee Break**
- 11:00 **Thomas Winkler**
Germinal Centers - Facts and open questions
- 12:00 **Raluca Niesner**
Intravital multi-photon imaging - relevance for B lymphocytes biology
- 13:00 **Lunch**
- 14:30 **Hermann Eibel**
How different are human and mouse B cells?
- 15:30 **Lars Nitschke**
B1 cells
- 16:30 **Coffee Break with snacks**
- 17:00 **Reinhard Voll**
When Antibodies cause diseases: from mechanisms of pathogenesis to treatment
- 18:00 **Michael Reth**
Sensing the unknown: From the side chain theory to the dissociation activation model
- 19:00 **General assembly**
- 20:00 **Dinner**

Tuesday, 25. February 2014

- 08:30 **Simon Fillatreau**
Regulatory B cells: New faces and new mechanisms

- 09:30 **Hassan Jumaa**
Role of Autoreactivity in B Cell Development
- 10:30 **Coffee Break**
- 11:00 **Dirk Mielenz**
Do AP-1 transcription factors play a role in B cell physiology and Blimp-1 activation?
- 12:00 **Niklas Engels**
Reactivation of memory B cells
- 13:00 **Lunch**
- 14:30 **Andreas Radbruch**
Hyun-Dong Chang
Plasma Cell niches
- 15:30 **Claudia Berek**
B cells in the gut
- 16:30 **Coffee Break with Snacks**
- 17:00 **Guido Heine**
B cells in type I allergy
- 18:00 **Meeting IRTG-speakers, Coordinator and doctoral students**
- 19:30 **Dinner**

Wednesday, 26. February 2014

- 08:30 **Workshop:**
How to write a Specific Aims Page
- 10:30 **Coffee Break**
- 11:00 **Workshop:**
How to write a Specific Aims Page
- 13:00 **Lunch**

Presentations by doctoral students

- Session 1** Chair: Niklas Engels
- 14:30 **Caren Bartsch** (Wienands Lab)
Mass Spectrometry analysis of B cell receptor signaling events
- 15:00 **Kanika Vanshylla** (Wienands Lab)
Evolutionary origin of the immunoglobulin tail tyrosine signaling motif in memory type BCR's

- 15:30 **Daniel Radtke** (Nitschke Lab)
Grb2 regulates B cell maturation, B cell memory responses and inhibits B cell Ca²⁺ signaling
- 16:00 **Dunja Schneider** (Jumaa Lab)
The role of receptor signal strength in B cell development and selection
- 16:30 **Coffee Break with Snacks**
- Session 2** Chair: Hyun-Dong Chang
- 17:00 **Birgit Lehmann** (Nimmerjahn Lab)
Humanized mice: Influence of FcγR2b on B cell development
- 17:30 **Katharina Pracht** (Jäck Lab)
Function of miRNA-148a in mature plasma cells
- 18:00 **Corinna Setz** (Jumaa Lab)
Role of Pten in the survival of memory cells
- 19:00 **Dinner**

Thursday, 27. February 2014

- Session 3** Chair: Hermann Eibel
- 08:30 **Michaela Schmitt** (Vöhringer Lab)
Regulation of the B cell response against helminths
- 09:00 **Lavanya Mokada Gopal** (Vöhringer Lab)
Functional characterization of STAT6-regulated genes and their impact on the GC response
- 09:30 **Andreas Acs** (Winkler Lab)
B-VARIA: Lineage tracing of fluorescent B cells during an immune response
- 10:00 **Coffee Break**
- Session 4** Chair: Simon Fillatreau
- 10:30 **Patrick Daum** (Jäck Lab)
Identification of micro RNAs regulating B cell development and function

11:00 **Christoph Müller** (Winkler Lab)
Evolution of anti-DNA autoantibodies by somatic hypermutation

11:30 **Martin Becker** (Reth Lab)
Cytoskeletal regulation of BCR signaling

12:00 **Lunch**

Session 5 Chair: Hassan Jumaa

13:30 **Naema Brings** (Reth Lab)
The role of FAK in B cells

14:00 **Jennifer Müller** (Nitschke Lab)
Analysis of Siglec-G^{-/-}, FcγRIIb^{-/-} and Siglec-G^{-/-} x FcγRIIb^{-/-} mice on pure C57BL/6 background

14:30 **Jennifer Schwarz** (Warscheid Lab)
Study of the role of protein tyrosine phosphatases in B cell signaling by functional proteomics

15:00 **Stefanie Schmidt** (Radbruch Lab)
Survival niche of memory plasma cells

15:30 **Coffee Break with Snacks**

Session 7 Chair: Dirk Mielenz

16:00 **Alexander Beller** (Radbruch Lab)
Role of Eosinophils for plasma cell development and maturation

16:30 **Roland Pohlmeier** (Reth Lab)
Evidence of unfolded protein response in heavy chain deleted mature murine B cells

17:00 **Assembly doctoral students**

18:30 **Dinner**

Friday, 28. February 2014

06:30 **Breakfast**

11:00 **Departure**

Location

Lohr am Main lies in Lower Franconia and is known as the „Gateway to the Spessart“. The town was settled no later than the 8th Century and by its first documentary mention in 1295 it was already the main centre of the county Rieneck (comital domain within the Holy Roman Empire). Lohr am Main offers a mediaeval town center with beautiful half-timbered houses and of course the magnificent neighbouring „Spessart“ forest in the „Mainviereck“ (a square region bounded on three sides by the river Main). Fun fact: the „Lohrer Schloss“ is said to be Snow White's possible birth place.

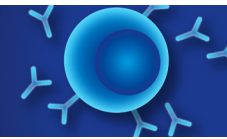


Tagungsadresse:

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09352 Lohr am Main

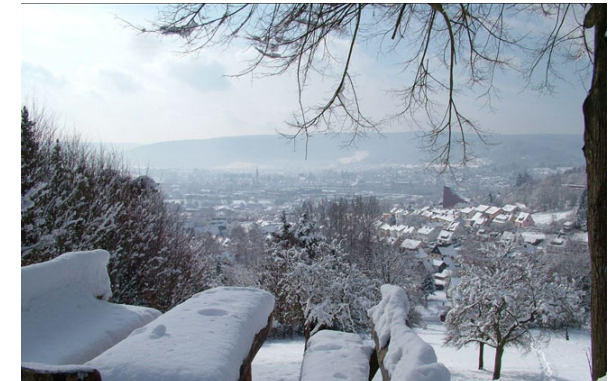
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TRR 130

B cells: Immunity
and Autoimmunity



1st B Cell Winter School IRTG „B Cells and Beyond“

February 23 - 28, 2014
Lohr am Main

