Program

4th B Cell Forum
Kloster Banz - March 2-4, 2006
• All talks max. 15 minutes plus 5 minutes discussion
• Please hand in your powerpoint presentation on a USB-stick or on a CD before or during the break before your session
• Sorry, no personal laptops can be used for presentation
Thursday, March 2, 2006

16:00 Begin of Registration

18.00 Welcome by the organizers (Kaisersaal)

18:15 Key note lecture (Kaisersaal): (Sponsored by the Erlanger DFG Graduiertenkolleg 592)

Surprise speaker

19:15 Assembly of the DGfI study group „Biology of B Lymphocytes“ (Arbeitskreis Biologie der B-Lymphozyten)

Preliminary agenda (Hans-Martin Jäck/ Claudia Berek):
- Report on activities
- Announcements
- Logo & Homepage
- AK poster price
- Next meeting

19:45 Reception (Kaisersaal)

20:15 Dinner
Friday, March 3, 2006

7:30  Breakfast

Session I: B cell development  
Chairs: Fritz Melchers / Thomas Winkler

9:00  Lill Martensson • Cambridge  
Molecular control of antibody repertoire selection

9:20  Hans-Martin Jäck • Erlangen  
Surrogate light chain-mediated selection of functional IgH chain idiotypes

9:40  Thorsten Decker • Wien  
An intronic enhancer controls B cell-specific expression of Pax5

10:00  Mirzokhid Rakhmanov • Freiburg  
EGR1 promotes pre-B ALL progression through regulation of LEF1 expression

10:20  Thomas Winkler • Erlangen  
B cell development in an IgH hypomorph mouse mutant

10:40  Coffee

Session II: B cell development and B cell receptor signalling  
Chairs: Hans Martin Jäck / Siggi Weiß

11:10  Anne Fleige • Braunschweig  
The role of serum response factor in B cell development

11:30  Glen Pearce • Dresden  
SWAP-70 is required for B lymphocyte homing to lymphoid organs

11:50  Sandra Düber • Braunschweig  
B-1 cells in adult mice

12:10  Michael Reth • Freiburg  
Regulation of Syk during B cell antigen receptor signalling

12:30  Michael Engelke • Göttingen  
Regulation of antigen receptor-induced Ca2+ mobilization in B lymphocytes

13:00  Lunch
Session III: B cell receptor signalling  
Chairs: Michael Reth / Jürgen Wienands

14:30 Lars Nitschke • Erlangen  
The physiological role of Siglec-G in B cells

14:50 Dirk Mielenz • Erlangen  
Swiprosin1 sets the threshold for BCR signalling

15:10 Gabrielle Siegers • Freiburg  
Loss of the Ig-α Ig-β Interchain disulfide bond leads to differential receptor expression and signaling phenotypes in cells expressing IgM or IgD B cell antigen receptors

15:30 Cornelia Hömig • München  
Constitutive CD40 signalling in B cells leads to the development of B cell lymphomas

15:50 Michael Huber • Freiburg  
R-form LPS, the master key to the activation of TLR4/MD2-positive, CD14-negative cells

16:10 Coffee

Session IV: B cell activation and B cell homeostasis  
Chairs: Ralf Küppers / Claudia Berek

16:40 Special Lecture (sponsored by the Erlanger DFG Graduiertenkolleg 592)  
Garnett Kelsoe • Durham  
Somatic hypermutation and class switch recombination without germinal centers

17:10 Klaus Warnatz • Freiburg  
B cell homeostasis in health and disease

17:30 Rudolf Manz • Berlin  
Stromal environments of bone marrow and inflamed tissues attracting B cells, migratory plasma blasts and supporting plasma cell survival

17:50 Gernot Achatz • Salzburg  
HAX-1 interacts with membrane bound IgE directly influencing receptor mediated internalization

18:10 Toralf Roch • Berlin  
B cells stimulated through toll-like receptor ligands suppress dendritic cell function

Poster session

19:00 Poster session with diner buffet
Saturday, March 4, 2006

7:30 Breakfast

Session V: B cell immune responses and lymphomagenesis
Chairs: Garnett Kelsoe / Martin Lipp

9:00 Stephanie Tobollik • München
Regulation of AID by EBV

9:20 Hiroshi Arakawa • Neuherberg
A role for PCNA ubiquitination in immunoglobulin hypermutation

9:40 Ralf Küppers • Essen
Pathogenesis of Hodgkin Lymphoma

10:00 Markus Krumbholz • München
BAFF is produced by astrocytes and up-regulated in multiple sclerosis lesions and primary central nervous system lymphoma

10:20 Ulrich Kalinke • Langen
The impact of type I interferon on anti-viral antibody responses

10:40 Coffee

Session VI: B cells and autoimmunity
Chairs: Ari Waisman / Gernot Achatz

11:10 Hedda Wardemann • Berlin
Autoantibody regulation in human B cell development and differentiation

11:30 Isis Ludwig-Portugall • Bonn
Mechanisms of peripheral B cell tolerance against nonlymphoid tissue autoantigens

11:50 Martin Lipp • Berlin
Autoantigen-driven lymphoid neoorganogenesis

12:10 Werner Lutz • Marburg
P300 protein acetyltransferase-activity suppresses SLE-like autoimmune disease in mice

12:30 Marc Ehlers • Berlin
TLR9/MyD88 signaling is required for class switching to pathogenic IgG2a and 2b autoantibodies in SLE

13:00 Lunch - farewell soup