### Program of the 12th B Cell Forum, 2014, Schloss Krickenbeck

**Thursday, March 20, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>14:00 – 19:00</td>
<td>Registration and Poster Setup</td>
</tr>
<tr>
<td>15:00 – 16:30</td>
<td>Get-together (coffee and cake)</td>
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<tr>
<td>16:30</td>
<td>Welcome (Jürgen Wienands / Ralf Küppers)</td>
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</tbody>
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**Session I: Keynote Lecture**  
Chair: Ralf Küppers

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker Name</th>
<th>Location</th>
<th>Title</th>
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<tbody>
<tr>
<td>16:40 – 17:40</td>
<td>Surprise Speaker</td>
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<tr>
<td>17:40 – 17:50</td>
<td>Break</td>
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**Session II: B cell development**  
Chairs: Sigfried Weiss / Hans-Martin Jäck

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker Name</th>
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<th>Title</th>
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<tbody>
<tr>
<td>17:50</td>
<td>Joachim Göthert</td>
<td>Essen</td>
<td>Deletion of the von Hippel-Lindau gene interferes with the development of peripheral B-cell subsets</td>
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<tr>
<td>18:10</td>
<td>Benjamin Schusser</td>
<td>München</td>
<td>The B cell-less chicken - Utilizing primordial germ cell technology to generate an immunoglobulin JH segment knockout in chickens</td>
</tr>
<tr>
<td>18:30</td>
<td>Karsten Kretschmer</td>
<td>Dresden</td>
<td>Control of lympho-hematopoietic homeostasis by Foxp3(^*) regulatory T cells</td>
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<tr>
<td>18:50</td>
<td>Marta Rizzi</td>
<td>Freiburg</td>
<td>Role of FAS signaling in human B-cell selection</td>
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<tr>
<td>19:10 – 19:30</td>
<td>Helene Kraus</td>
<td>Freiburg</td>
<td>Lin28B promotes the development of plasma cells</td>
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<tr>
<td>20:00</td>
<td>Dinner (Buffet)</td>
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</table>
Friday, March 21, 2014

07:00 – 08:30  Breakfast

Session III: Signaling in B cells
Chairs: Jürgen Wienands / Lars Nitschke

08:45  Jürgen Wienands • Göttingen  
Signal perception by SLP65 requires its macromolecular assembly at vesicular signaling scaffolds

09:05  Gina Fiala • Freiburg  
Kidins220/ARMS - a novel player in B cell signaling and development

09:25 – 09:45  Lars Nitschke • Erlangen  
CD22 and Siglec-G regulate B cell signalling by ligand interactions and control autoimmunity

09:45 – 10:15  Coffee Break

Session IV: B cell repertoires
Chairs: Hedda Wardemann / Claudia Berek

10:15  Hedda Wardemann • Berlin  
Selection of B cell repertoires

10:35  Victor Greiff • Zürich  
Quantitative assessment of the robustness of next-generation sequencing of antibody variable gene repertoires from immunized mice

10:55 – 11:15  Anja Ebert • Wien  
Control of antigen receptor diversity through spatial regulation of V(D)J recombination

11:15 – 11:35  Break

Session V: Plasma cells
Chairs: Dirk Mielenz / Kai-Michael Toellner

11:35  Dirk Mielenz • Erlangen  
The AP-1 transcription factor Fra1 inhibits follicular B cell differentiation into plasma cells
11:55  **Sandra Zehentmeier** • Berlin  
Static and dynamic components cooperate to form a stable survival niche for memory plasma cells in the bone marrow

12:15 – 12:35  **Kai-Michael Toellner** • Birmingham  
Signals for early plasmablast differentiation from germinal centres

12:35 – 13:35  **Lunch**

14:10 – 14:55  **General Assembly of the DGfI Study Group B Lymphocytes**

**Session VI: Germinal centre reaction**  
Chairs: Stefano Casola / Michael Meyer-Hermann

15:00  **Nicole Heise** • New York  
Distinct roles of the NF-κB subunits c-REL and RELA in germinal center B-cell maintenance and differentiation

15:20  **Michael Meyer-Hermann** • Braunschweig  
Germinal centre derived antibodies feed back onto the germinal centre and affinity maturation

15:40  **Kathrin Davari** • Jena  
Regulation of immunoglobulin diversification by checkpoint kinases

16:00 - 16:20  **Stefano Casola** • Milano  
Polycomb regulation of B cell adaptive immunity and lymphomagenesis

16:20 – 16:50  **Coffee Break**

**Session VII: Class switching and memory B cells**  
Chairs: Niklas Engels / Marc Seifert

16:50  **Niklas Engels** • Göttingen  
The immunoglobulin tail tyrosine in surface IgG promotes reactivation of IgG-switched memory B cells

17:10  **Juliane Hobusch** • Lübeck  
Allergen-specific immunotherapy (SIT) induces sialylated immunosuppressive IgG antibodies

17:30  **Marc Seifert** • Essen  
Functional analysis of human IgM⁺IgD⁺CD27⁺ memory B cells
17:50 - 18:10  Philip Yu • Marburg
Membrane IgE in IgE knock-in mice

18:30  Poster Session (Drinks)

19:30  Dinner (Buffet style at poster session)
Saturday, March 22, 2014

07:00 – 08:45  Breakfast

Session VIII: Immune regulation
Chairs: Isabelle Bekeredjian-Ding / Rudolf Manz

09:00  Rudolf Manz • Lübeck
      IL-10 mediates plasmacytosis associated immune suppression through inhibition of complement-mediated neutrophil migration

09:20  Odilia Corneth • Rotterdam
      IL-27R signaling is essential for B cell immunity

09:40  Isabelle Bekeredjian-Ding • Bonn
      Comparative analysis of the human B cell response to S. aureus and pneumococcus reveals divergent roles of pDC and IFNa

10:00 – 10:20  Ana Zenclussen • Magdeburg
      Regulatory B cells in pregnancy

10:20 – 10:45  Coffee Break

Session IX: B cell disorders
Chairs: Martin Lipp / Marc Schmidt-Supprian

10:45  Matthias Hahn • Mainz
      Combined B cell specific deletion of the deubiquitinating enzymes CYLD and A20 (TNFAIP3) leads to the development of MBL

11:05  Martin Lipp • Berlin
      Potent anti-tumor response by targeting B cell maturation antigen (BCMA) in a mouse model of multiple myeloma

11:25  Alice Muggen • Rotterdam
      Basal Ca²⁺ signaling is particularly increased in mutated chronic lymphocytic leukemia

11:45 - 12:05  Bimba Hoyer • Berlin
      Regeneration of humoral autoreactive memory in lupus prone mice

12:05 – 13:30  Lunch and Farewell