7th B Cell Forum

Salzburg, AUSTRIA

May 7 – 9, 2009
German Society of Immunology

Study Group Biology of B Lymphocytes

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Organizing Committee
Gernot Achatz, University of Salzburg
Gertrude Achatz, University of Salzburg
All talks are arranged for a length of 15 minutes plus 5 minutes discussion

Please hand over your presentation on a USB-stick or on a CD before or during the break of your session

Poster abstracts are listed in alphabetical order and should be mounted according to the poster number in the lower right corner of the abstracts
Thursday, May 7, 2009

16:00    Begin Registration
16:00 – 18:00  Transfer presentations and poster setup
18:00    Welcome and opening remarks
18:30    Keynote Address with surprise speaker
20:00    Dinner

Friday, May 8, 2009

Session I:   B Cell Activation
Chairs:   Hans-Martin Jäck & Jürgen Wienands

09:00    Michael Reth • Freiburg
        Conformational trapping: a new model of the regulation of the B cell antigen receptor
09:20    Michael Engelke • Göttingen
        B cell antigen receptor-induced plasma membrane recruitment of the SH2 domain-containing inositol phosphatase is mediated by the protein tyrosine kinases Lyn and Syk
09:40    Marc Schmid-Supprian • München
        Role of IKK-mediated NF-kB signaling in B cell development
10:00    Dirk Mielenz • Erlangen
        Swiprosin-1/EFhd2 accelerates B cell receptor signaling through Syk and PLCγ2
10:20    Caroline Hojer • München
        A new role for CD19 in B cell activation and lymphomagenesis
10:40    Coffee
Session II: B Cell Development
Chairs: Michael Reth & Ursula Zimber-Strobl

11:00
Jürgen Wienands • Göttingen
Composition and dynamic reorganization of preformed B Cell signalosomes as revealed by functional proteomics

11:20
Sebastian Königsberger • Salzburg
The Rap of Hpk1 - impacts on integrin regulation

11:40
Nadine Hövelmeyer • Mainz
Regulation of B cell homeostasis and activation by the tumor suppressor gene Cyld and Bcl3

12:00
Doris Peckl-Schmid • Salzburg
HAX1 deficient mice display a severe reduction in the pre-B, immature and transitional B cell compartments

12:20
Lunch

Session III: B Cell Maturation
Chairs: Hermann Eibl & Berit Jungnickel

13:30
Hans-Martin Jäck • Erlangen
MicroRNA and B Cell Maturation

13:50
Julia Jellusova • Erlangen
The biological function of Siglec-G

14:10
Edgar Serfling • Würzburg
NFAT transcription factors determine the fate of B lymphocytes upon B cell receptor stimulation

14:30
Bishnudeo Roy • Braunschweig
Contribution of B1 Cells to Gut Associated Humoral Immunity

14:50
Sandrine Tonon • Wien
Natural IgM antibodies directed against oxidation-specific epitopes are preferentially expanding in a mouse model of atherosclerosis

15:10
Coffee
Session IV: Plasmablasts - Plasma Cells - Memory Cells

Chairs: Andreas Radbruch & Ralf Küppers

15:30 Ralph Küppers • Essen
Molecular footprints for a germinal center derivation of human somatically mutated IgM\(^+\) (IgD\(^-\)) CD27\(^+\) B cells

15:50 Chu Van Trung • Berlin
In the murine bone marrow F4/80\(^+\)Gr-1\(^lo\) cells are the main source of plasma cell survival factors

16:10 Falk Hiepe • Berlin
The necessity for the development of therapeutic strategies to target the pathogenic plasma cell memory

16:30 Julia Benckert • Berlin
Repertoire and specificity of human intestinal plasmablasts in health and disease

16:50 Florian Weisel • Erlangen
Reactivation requirements for virus-specific memory B cells

17:10 Henrik Mei • Berlin
Blood-borne human plasma cells are derived from mucosal immune responses and are generated independent of circulating naive and memory B cells

18:00 – 18:30 Society Members Assembly

18:30 – 20:00 Round Table Discussion

Chair: Michael Reth

20:00 Dinner

21:00 – 23:00 Poster Presentation
Saturday, May 9, 2009

Session V: Plasma Cells and Ig-Repertoire
Chairs: Marinus Lamers & Marc Ehlers

09:00 Marinus Lamers • Freiburg
The IgE-B-cell receptor on germinal centre B cells and on plasma cells

09:20 Kai-Michael Töllner • Birmingham
Transient activation of Ig class switching in pre-plasmablasts

09:40 Tobias Rogosch • Marburg
The IgG4 repertoire in children with allergic asthma

10:00 Hermann Eibl • Freiburg
BAFF-Receptor Deficiency in Humans

10:20 Glen Pearce • Dresden
SWAP-70 phosphorylation by Syk kinase reveals a new role for Syk in regulation of B-cell polarity

10:40 Coffee

Session VI: B Cell Responses During Immune Reactions
Chairs: Rudolf Grosschedl & Siegfried Weiss

11:00 Rudolf Grosschedl • Freiburg
Regulation of B lymphopoiesis by EBF proteins

11:20 Marc Ehlers • Berlin
T-cell independent IgGs protect from pathogenic immune reactions

11:40 Berit Jungnickel • München
c-Myc overexpression promotes a germinal center - like program in Burkitt’s lymphoma

12:00 Edgar Meinl • München
Autoantibodies in multiple sclerosis: novel axo-glial targets

12:20 Filiz Demircik • Mainz
The role of B cells in Murine Cytomegalovirus

12:40 Ingolf Berberich • Würzburg
Identification and characterization of proteins that influence stability and functionality of the anti-apoptotic Bcl-2 family member A1/Bfl-1

13:00 Closing Remarks / Farewell Soup