

Workshop A
Immune Signaling I

Wednesday, 28.10.2009
14:15 – 15:30h

Chair: Ottmar Janssen, Kiel
Jürgen Wienands, Göttingen

14:15h

A1 Keynote:
A chemical-genetic approach towards turning T cells off and on with tyrosine kinase inhibitors
Weiss A., Au-Yeung B., Schoenborn J., Levin S., Xim Y., Tan X., Zhang C., Shokat K.
San Francisco/USA

14:45h

A2 Swiprosin-1/EFhd2 provides a scaffold for the B cell receptor
Kroczek C., Brachs S., Lang C., Elter A., Nitschke L., Feller S.M., Jäck H.M., Mielenz D.
Erlangen, Oxford/UK

15:00h

A3 The role of short CYLD in T cell development
Reiig S., Hvelmeyer N., Weih D., Waisman A.
Mainz, Jena

15:15h

A4 NFATc1 controls the fate of splenic B lymphocytes upon B cell receptor stimulation
Deb J., Bhattacharyya S., Kondo E., Avots A., Berberich-Siebelt F., Klein-Hessling S., Patra A., Serfling E.
Wrzburg, Okayama/Japan

15:30h Coffee Break / Sponsors' Exhibition / Poster Preview

Workshop A
Immune Signaling II

Wednesday, 28.10.2009
16:00 – 17:30h

Chair: Ria Baumgrass, Berlin
Edgar Serfling, Würzburg

16:00h

A5 Keynote:
Structure of a domain-swapped FOXP3 dimer on DNA and its function in regulatory T cells
Bandukwala H., Wu Y., Feurer M., Chen Y., Koh K.P., Ghosh S., Sundrud M.S., Stroud J.C., Benoist C., Mathis D., Rao A., Chen L.
Boston/Los Angeles/USA

16:30h

A6 The role of IKAROS transcription factor HELIOS in nTreg development and function
Klein M., Ullrich N., Klein-Hessling S., Becker M., Bodor J., Serfling E., Bopp T., Schmitt E.
Mainz, Würzburg

16:45h

A7 Composition and dynamic re-assembly of B cell signalosomes as revealed by functional proteomics
Oellerich T., Bremes V., Neumann K., Bohnenberger H., Hsiao H.-H., Urlaub H., Wienands J.
Göttingen

17:00h

A8 Differential binding of Fas ligand-interacting proteins to the full length protein or N-terminal fragments generated by shedding
Lettau M., Voss M., Janssen O.
Kiel

17:15h

A9 Presentation by BD Biosciences:
New tools for feeder-free human Embryonic Stem Cell culture & analysis
Güldenagel M.G.
Erembodegem/Belgium

17:30h Coffee Break / Sponsors' Exhibition / Poster Preview

18:00h

Poster Presentation I
"one minute - one transparency"
Poster PA1 – PB9

Chair: Stephan Feller, Oxford/UK

18:45h Poster Viewing (PA1 - PC8) / Sponsors' Exhibition

20:15h Dinner

Workshop B

Growth Factors, Cytokines and Chemokines I

Thursday, 29.10.2009
08:30 – 10:15h

Chair: Iris Behrmann, Luxembourg
Fred Schaper, Aachen

08:30h

B1 Keynote:
Title to be announced
Touw, I.
Rotterdam/The Netherlands

09:00h

B2 Induction of CCL13 expression in synovial fibroblasts highlights the significant role of Oncostatin M in rheumatoid arthritis
Hermanns H.M., Hintzen C., Quaiser S., Pap T., Heinrich P.C.
Würzburg, Aachen, Münster

09:15h

B3 Life cell imaging of endogenous Ras activation by the T cell receptor
Rubio I., Grund S., Song S., Biskup C., Bandemer S., Fricke M., Kliche S., Wittig U.
Jena, Magdeburg

09:30h

B4 Identification of novel p38 MAPK-dependent phosphorylation sites in TAK1-binding protein (TAB)-1 that control subcellular localisation and activity of p38 MAPK
Wolf A., Beuerlein K., Vahlsing S., Sakurai H., Kracht M.
Giessen, Toyama/Japan

09:45h

B5 JNK regulates the dynamics and composition of cytoplasmic ribonucleoprotein (RNP) complexes by interacting with Ago2 and by phosphorylating DCP1 α
Rzeczkowski K., Beuerlein K., Holzberg D., Kettner-Buhrow D., Müller H., Wolter S., Thiefes A., Wait R., Saklatvala J., Kracht M.
Giessen, Hannover, London/UK

10:00h

B6 Presentation by Bender MedSystems GmbH:
Easy cytokine detection with New-Generation Immunoassays
Osterhoff B.
Wien/Austria

10:15h Coffee Break / Sponsors' Exhibition / Poster Preview

Workshop B

Growth Factors, Cytokines and Chemokines II

Thursday, 29.10.2009
10:45 – 12:30h

Chair: Heike Hermanns, Würzburg
Michael Kracht, Giessen

10:45h

B7 Towards understanding of life and death decisions on CD95/Fas
Lavrik I., Pforr C., Fricker N., Neumann L., Eils R., Krammer P.H.
Heidelberg

11:00h

B8 Dose-dependent modulation of CD4 T cell responses by CD95 co-stimulation
Paulsen M., Valentin S., Lavrik I., Krammer P.H., Janssen O.
Kiel, Heidelberg

11:15h

B9 SLP76 is mandatory for TCR-mediated inside-out-signaling, but dispensable for CXCR4-mediated LFA-1 activation, adhesion and migration of T-cells
Horn J.H., Wang X.W., Reichardt P.R., Stradal T.E.B., Warnecke N.W., Simeoni L.S., Gunzer M.G., Yablonski D.Y., Schraven B.S., Kliche S.K.
Magdeburg, Braunschweig, Haifa/Israel

11:30h

B10 Role of the COP9 signalosome in NF-kappaB signaling in atherogenesis
Asare Y., Noels H., Lue H., Zerneck A., Weber C., de Winther M., Bernhagen J.
Aachen, Würzburg, Maastricht/The Netherlands

11:45h

B11 Signaling and function of the cytokine MIF in liver fibrogenesis
Jung M., Offermanns C., Heinrichs D., Weber C., Bernhagen J., Wasmuth H.
Aachen

12:00h

B12 Hypoxia-inducible factor 1 α is upregulated by Oncostatin M and participates in Oncostatin M signalling
Vollmer S., Kappler V., Kaczor J., Flügel D., Rolvering C., Kato N., Kietzmann T., Behrmann I., Haan C.
Luxembourg/Luxembourg, Kaiserslautern, Okayama/Japan

12:15h

B13 **Presentation by Thermo Fischer Scientific:**
Capture, purify and identify specific tyrosine phosphorylated proteins
using your choice of specific Src Homology 2 domains (SH2 domains)
Tremmel M.
Bonn

12:30h Lunch Break / Sponsors' Exhibition / Poster Preview

Workshop C

Migration, Adhesion and Intercellular Signaling

Thursday, 29.10.2009
13:30 – 15:15h

Chair: Kerstin Danker, Berlin
Frank Entschladen, Witten

13:30h

C1 Keynote:
Characterising the role of SHIP-1 in migratory responses of human CD4⁺ T lymphocytes
Ward S.G.
Bath/UK

14:00h

C2 IGAP, a novel Inducible Rac/Cdc42-GTPase-Activating Protein that regulates T-cell activation and migration
Smida M., Kähne T., Merida I., Naumann M., Schraven B., Lindquist J.A.
Magdeburg, Madrid/Spain

14:15h

C3 The two S100 proteins S100A8 and S100A9 affect adhesion and migratory properties of phagocytes via remodeling of the microtubule based cytoskeleton
Wolf M., Joseph R., Roth J., Vogl T.
Münster

14:30h

C4 The cytoplasmic tail of the $\alpha 1$ Integrin subunit associates with phosphoinositides
Tang K., Freund C., Danker K.
Berlin

14:45h

C5 New interaction partners modulating estrogen receptor activity
Lassowski B., Albring K.F., Weiske J., Mittag S., Kubick S., Schönfelder G.,
Huber O.
Jena, Berlin, Würzburg

15:00h

C6 Presentation by Tebu bio:
New methods for studying cell migration & small G activation level
el Baya A., Têtu J.-F.
Offenbach

15:15h Coffee Break / Sponsors' Exhibition / Poster Preview

Workshop D
Pathogens and Disease

Thursday, 29.10.2009
15:45 – 17:30h

Chair: Arnd Kieser, München
Katharina Kubatzky, Heidelberg

15:45h

D1 Keynote:
Pathogen-induced immunomodulation by targeting ubiquitin and ubiquitin-like modifiers
Naumann M.
Magdeburg

16:15h

D2 Pasteurella multocida Toxin: a potent inhibitor of apoptosis
Hildebrand D., Heeg K., Kubatzky K.
Heidelberg

16:30h

D3 Efficient Listeria clearing needs collaboration between TLR and integrin signaling on antigen presenting cells
Reinhold A., Schlüter D., Reinhold D., Schraven B., Togni M.
Magdeburg

16:45h

D4 Subtractive proteomics reveals an essential role of a STE20 germinal center kinase in JNK signaling of the LMP1 oncogene of Epstein-Barr virus
Shkoda A., Town J.A., Griese J., Briseño C., Kieser A.
München

17:00h

D5 Dysregulation of death receptor signaling pathways in T cells by a herpesviral oncoprotein
Richter S., Mueller-Fleckenstein I., Schmidt M., Fleckenstein B., Ensser A., Biesinger B.
Erlangen

17:15h

D6 Presentation by New England Biolab:
SNAP-tag Technology: Multiplex tagging tools for the study of protein dynamics in living cells and beyond
Textor B., Johnson K., Lanwert C.
Frankfurt, Lausanne/Switzerland

17:30h Coffee Break / Sponsors' Exhibition / Poster Preview

18:00h

Poster Presentation II
"one minute - one transparency"
Poster PC1 – PE15

Chair: Oliver Ullrich, Zürich

18:45h Poster Viewing (PC1 - PE15) / Sponsors' Exhibition

20:15h Dinner

Workshop E

Aging I: Mechanisms and Biomarkers of Aging

Friday, 30.10.2009
08:30 – 10:30h

Chair: Lars-Oliver Klotz, Düsseldorf

08:30h

E1 Keynote:
The EU FP7 Project MARK-AGE -- Towards establishment of biomarkers of human ageing
Bürkle A.
Konstanz

09:00h

E2 Keynote:
Identification and physiological regulation of new longevity-associated genes
Vina J., Gomez Cambrea C., Borrás C., Gambini J., Olaso G.
Valencia/E

09:30h

E3 Altered MMP-7/HB-EGF signaling pathways during cellular senescence of human mammary epithelial cells (HMEC)
Bertram C., Hass R.
Hannover

09:45h

E4 Glycation of PDGF results in decreased biological activity
Nass N., Vogel K., Hofmann B., Presek P., Silber R.E., Simm A.
Halle

10:00h

E5 Accumulation of mtDNA deletions during aging
Neuhaus J., Baris O., von Kleist-Retzow J.-C., Moser N., Schröder H.,
Wiesner R.J.
Köln

10:15h

E6 Presentation by Merk:
New tools for EGFR signalling research
Palm D.
Schwalbach

10:30h Coffee Break / Sponsors' Exhibition / Poster Preview

Workshop F

Aging II: DNA Damage Repair and Aging

Friday, 30.10.2009
11:00 – 13:00h

Chair: Judith Haendeler, Düsseldorf
Joachim Altschmied, Düsseldorf

11:00h

F1 Keynote:
Role of RecQ helicases in suppression of premature ageing and cancer
Hickson I.D.
Oxford/UK

11:30h

F2 Dual role of CSB protein in photoaging and photocarcinogenesis
Majora M., Franke S., Schroeder P., Krutmann J.
Düsseldorf

11:45h

F3 The AhR agonist indolo [3,2-b]carbazole protects against oxidative DNA-damage
Faust D., Oesch F., Kaina B., Dietrich C.
Mainz

12:00h

F4 Interaction profiling of the tumor suppressor protein and senescence-inducer p33^{ING1b}
Jennek S., Goeman F., Baniahmad A.
Jena

12:15h

F5 Mitochondrial TERT protects mitochondrial function in the heart via maintenance of mitochondrial DNA integrity
Buechner N., Jakob S., Altschmied J., Haendeler J.
Düsseldorf

12:30h

F6 Analysis of senescence in primary fibroblast cultures of the short-lived vertebrate *Nothobranchius furzeri*
Graf M., Hartmann N., Englert C.
Jena

12:45h

F7 Impaired Insulin-/IGF-1-signaling extends *Caenorhabditis elegans* lifespan by increasing oxidative stress
Zarse K., Schmeisser S., Ristow M.
Jena

13:00h Lunch Break / Sponsors' Exhibition / Poster Preview

14:00 - 15:15h

General Assembly of the STS (see page 11 for Agenda)

15:15h Coffee Break / Sponsors' Exhibition / Poster Preview

Workshop G
Tumor Biology

Friday, 30.10.2009
15:45 – 17:15h

Chair: Klaudia Giehl, Ulm
Otmar Huber, Jena

15:45h

G1 Keynote:
Insights into kinase regulation and inhibition by large scale structural comparison
Knapp S.
Oxford/UK

16:15h

G2 Responsiveness of stem cell-like tumor cells to mitogens
Bernt A., Willkomm S., Choschzick I., Tronnier V., Zechel C.
Lübeck

16:30h

G3 Evidence for NFAT1 as a tumor suppressor in T-ALL
Mueller M.R., Robbs B.K., Cruz A.L., Sasaki Y., Stevanovic I., Rajewsky K.,
Viola J.P., Rao A.
Tübingen, Rio de Janeiro/Brasil, Kobe/Japan, Boston/USA

16:45h

G4 Induction of canonical and non-canonical NF- κ B signaling by the herpesviral oncoprotein Tio
de Jong S.J., Albrecht J.-C., Schmidt M., Müller-Fleckenstein I.,
Fleckenstein B., Biesinger B.
Erlangen

17:00h

G5 CNK1 promotes proliferation and invasiveness of breast cancer cells
Fritz R.D., Varga Z., Radziwill G.
Freiburg, Zürich/Switzerland

17:15h

G6 Presentation by IBA: From gene to protein
Bertram J., Maeck G.
Göttingen

17:30h Coffee Break / Sponsors' Exhibition / Poster Preview

18:00h

Poster Presentation III
"one minute - one transparency"
Poster PE16 – PL5

Chair: Karlheinz Friedrich, Jena

18:45h Poster Viewing (P E16 - PL5) / Sponsors' Exhibition

20:15h Dinner, Farewell Party and Award Ceremony