

Poster Presentation - Poster PE1 – PH10:

Friday, November 5, 18.00 – 18.45 h

Chair:
Gaby-Fleur Böhl, Potsdam
Harald Krug, Karlsruhe

Interaction Domains and Signalling Complexes

- PE1 Analysis of protein complex formation in T cell signalling by peptide microarrays and fluorescence correlation spectroscopy**
Stoevesandt, O., Elbs, M., Köhler, K., Lellouch, A.C., Fischer, R., André, T., Brock, R.
Tübingen, Marseille/France
- PE2 Intracellular signaling pathways involved in lentiviral-induced acute lethal enteropathy**
Sanzenbacher, R., Tschulena, U., Plesker, R., Coulibaly, C., Wenig, R., Muckenfuss, H., Cichutek, K., Flory, E.
Langen
- PE3 G $\beta\gamma$ Stimulation of Adenylyl Cyclase Type II**
Diel, S., Klass, K., Kleuss, C.
Berlin
- PE4 Role of the interaction between highly conserved Y7.53 and F7.60 in the human B2 bradykinin receptor**
Kalatskaya, I., Schüssler, S., Blaukat, A., Müller-Esterl, W., Jochum, M., Proud, D., Faussner, A.
Munich, Heidelberg, Frankfurt, Calgary/Canada
- PE5 Adjustable blockade of Ras-mediated cell transformation by Multivalent Scavengers of Oncogenic Ras (MSORs)**
Lange, A., Augsten, M., Rubio, I., Friedrich, K.
Jena
- PE6 Isolation of PI3K gamma associated multifunctional protein complexes**
Lehmann, K., Ulrich, K., Landgraf, K., Karagyosov, L., Wetzker, R., Müller, J.
Jena
- PE7 Identification of binding partners for Fas Ligand interacting adapter molecules**
Linkermann, A., Kabelitz, D., Janssen, O.
Kiel
- PE8 Analysis of the temporal course of gene deregulation in response to conditional RAS-oncogene expression**
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Sers, C., Tchernitsa, O., Kuban, R., Müller, B., Geflitter, A., Herzel, H., Keil, J., Schäfer, R.
Berlin

PE9 Processing of LPS signaling is altered in S100A9^{-/-} mice

Vogl, T., Tenbrock, K., Ludwig, S., Nacken, W., Sorg, C., Roth, J.
Münster

PE10 Three domains are involved in binding of phosphoinositide 3-kinase γ to plasma membrane

Wachowiak, S., Schmidt, C., Schilli-Westermann, M., Klinger, R., Kirsch, C.
Jena

PE11 Analysis of the regulatory interactions and complex formations of APP, Amyloid beta Protein Precursor, with the signal transduction database TRANSPATH[®] Professional

Pistor, S., Choi, C., Krull, M., Voss, N., Potapov, A., Wingender, E.
Wolfenbüttel, Göttingen

PE12 Analysis of protein interactions between components of the NF-kappaB signaling pathway using the LiquiChip system

Sauer, M., Jaeger, C., Porschewski, P., Vogel, V., Steinert, K., Soehnlein, P.
Oiagen GmbH, Hilden

PE13 Reproducible sample preparation: A key step in proteome analysis

Andrecht, S., Abdolzade-Bavil, A., Börner, A., Rüter, C., Leiss, D., Hendriks, R., Anders, J., Wiese, S.
Schwalbach/Ts., Darmstadt

Chromatin Modifications and Transcription

PF1 Short peptides containing the LXXLL motif found in transcription coactivators influence vitamin D dependent transcription

Ahmad, A., Wölfl, S.
Heidelberg, Jena

PF2 Erythropoietin receptor dependent regulation of the retinoblastome protein cascade

Hoffmann, N., Büchse, T., Körbel, S., Sasse, T., Stigge, G., Bittorf, T., Brock, J., Prietzsch, H.
Rostock

PF3 Genetic analysis of pathways involved in contact-inhibition

Küppers, M., Ittrich, C., Dietrich, C.
Mainz, Heidelberg

PF4 The role of the AP-1 family members c-Fos, FosB, Fra-1 and Fra-2 in the invasion process of breast cancer cells

Milde-Langosch, K., Andritzky, B., Röder, H., Löning, T., Bamberger, A.-M.
Hamburg

PF5 S. pneumoniae induced p65 and histone modifications at the IL-8 gene promoter

van Laak, V., Zahlten, J., Hammerschmidt, S., Hoffmann, E., Kracht, M., Suttorp, N., Hippenstiel, S., Schmeck, B.
Berlin, Würzburg, Hannover

PF6 IL-5 gene expression is regulated by cAMP/Protein Kinase A dependent chromatin modification

Klein-Hessling, S., Serfling, E.
Würzburg

Signal Transduction in Immune Cells

PG1 Does the phosphoprotein-associated with GEMs (PAG) contribute to T-cell energy?

Smida, M., Schraven, B., Lindquist, J.A.
Magdeburg

PG2 The transmembrane adaptor proteins SIT and TRIM lower signaling thresholds regulating T-cell development and peripheral T-cell activation

Simeoni, L., Kölsch, U., Posevitz, V., Meinert, I., Pfeffer, K., Reinhold, D., Schraven, B.
Magdeburg, München

PG3 Analysis of B lymphocyte function in NTAL-deficient mice

Hamm-Baarke, A., Seliger, N., Schraven, B.
Magdeburg

PG4 Analysis of T cell signal transduction using combinatorial stimulatory antibody microarrays

Köhler, K., Grosse-Hovest, L., André, T., Jung, G., Brock, R.
Tübingen

PG5 FasL expression in activated T cells and NK cells

Lettau, M., Janssen, O.
Kiel

PG6 Proteome analysis of regulatory T cells - a new marker protein and basis for innovative immunotherapeutical approaches

Lutter, P., Jonuleit, H., Schmitt, E., Bopp, T., Kubach, J., Richter, C., Mueller, C., Bailey, S., Stassen, M., Meyer, H.E., Huels, C., Weingarten, P.
Dortmund, Mainz, Bochum

PG7 NFAT transcription factors in hematologic malignancies

Schlegel, T., Akimzhanov, A., Krenacs, L., Palmetshofer, A., Kondo, E., Serfling, E.
Würzburg, Okayama/Japan, Szeged/Hungary

PG8 Pre-B cell receptor signals control the activation of the IgL-locus
Schuh, W., Meister, S., Jäck, H.M.
Erlangen

Differentiation and Apoptosis

PH1 Cationic cell-penetrating peptides interfere with TNF signaling by induction of TNF receptor internalization
Duchardt, F., Fotin-Mleczek, M., Fischer, R., Mader, O., Scheurich, P., Brock, R.
Tübingen, Stuttgart

PH2 Guiding FasL to the lysosomal compartment
Qian, J., Lettau, M., Chen, W., Kabelitz, D., Janssen, O.
Kiel

PH3 Activation of the I κ B kinase complex is sufficient for neuronal differentiation of PC12 cells
Azoitei, N., Wirth, T., Baumann, B.
Ulm

PH4 Nanonoxen: Nanoparticle uptake, transport and toxicity
Kern, K., Wörle-Knirsch, J.M., Krug, H.F.
Eggenstein

PH5 Comparison of cell differentiation models for red blood cell differentiation by genome wide gene expression profiling
Knoth, S., Pusch, L., Müller, A., Kroll, T., Ziagos, S., Wölfl, S.
Heidelberg, Jena

PH6 Sphingosine-1-phosphate signalling in neuronal cells - studies with a synthetic analogues
van Echten-Deckert, G., Nätzker, S.
Bonn

PH7 Do APCs act upstream of mitochondria?
Oberle, C., Massing, U., Krug, H.F.
Eggenstein-Leopoldshafen, Freiburg

PH8 Protective role of proteinase-activated receptor-2 (PAR-2) in the development of epidermal skin tumors
Rattenholl, A., Seeliger, S., Buddenkotte, J., Grevelhörster, A., Pereira, S.,
Steinhoff, M.
Münster

PH9 A novel computational apoptosis model: Comparison of experimental data with simulation predictions
Röder, C., Kühl, M., Bentele, M., Trauzold, A., Westphal, S., Bulashevskaya, A., Eils,

R., Kalthoff, H.
Kiel, Heidelberg

PH10 A novel assay to quantify cell death after transient expression of apoptotic genes in B- and T-lymphocytes

Schneider, F., Kieser, A.
München