

Poster Presentation - Poster 1 - 55:

Thursday, November 8, 17.40 – 18.30 h

Chair: Gaby-Fleur Böi

Kinases and Phosphatases

- P1 Protein kinases trigger cellular transport functions at the Golgi compartment**
Hausser, A., Brändlin, I., Link, G., Burzlaff, A., Rupp, S., Pfizenmaier, K., Johannes, F.J.
Stuttgart
- P2 Regulation of microtubule formation in monocytes is controlled by MRP8/MRP14**
Vogl, T., Strey, A., Manitz, M.P., Sorg, C., Roth, J.
Münster
- P3 A novel screening method for identification of protein kinase substrates**
de Graaf, K., Büsow, K., Hekerman, P., Joost, H.-G., Becker, W.
Aachen, Berlin
- P4 Different roles of the two response regulators CheY1 and CheY2 in the chemotaxis of *Sinorhizobium meliloti***
Scharf, B., Riepl, H., Maurer, T., Kalbitzer, H.R., Schmitt, R.
Regensburg
- P5 Subcellular localization of protein kinase D2 (PKD2) in AGSB-cells**
Sturany, S., Beil, M., Höcker, M., Adler, G., Seufferlein, T.
Ulm, Berlin
- P6 Subcellular Localization of TNK1 and synergistic effects with TNF α**
Brey, A., Adler, G., Seufferlein, T.
Ulm
- P7 Employing microarrays to identify downstream targets of DDRs, tyrosine kinase receptors activated by collagen**
Faraci, E., Gerstmayer, B., Bosio, A., Vogel, W.
Frankfurt a. M., Köln
- P8 Endothelial dysfunction in diabetes mellitus is associated with reduced cytoskeletal responsiveness as the basis for impaired migration and regeneration**
Kliche, S., Kroll, J., Frank, H., Meyer, N., Waltenberger, J.
Ulm
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- P9** **PKC ζ mediated PKC μ -activation depends on PDK1 and modulates ERK and JNK signal pathways**
Braendlin, I., Huebner, S., Eiseler, T., Martinez- Moya, M., Horschinek, A., Hausser, A., Link, G., Rupp, S.
Stuttgart, Boston, USA
- P10** **The Role of the SH2-domain containing Protein Tyrosine-Phosphatase 2 (SHP-2) in T-Lymphocytes**
Hoff, H., Kolar, P., Brunner-Weinzierl, M.C.
Berlin
- P11** **On the relation of IRS-proteins to the synthase of prostaglandylinositol cyclic phosphate (cPIP), a novel second messenger**
Hucken, S., Kincses, M., Wasner, H.K.
Düsseldorf
- P12** **Cell surface ADP-ribosylation meets intracellular tyrosine phosphorylation**
Koestner, W., Engels, N., Koch-Nolte, F., Haag, F.
Hamburg, Bielefeld
- P13** **The ProST region of human IRAK-1 is a target for multiple phosphorylation**
Kollewe, C., Mackensen, A.C., Neumann, D., Martin, M.U.
Hannover
- P14** **Molecular dynamics simulation studies on SH2 domains in free and ligand-bound states**
Wieligmann, K., Pineda De Castro, F., Zacharias, M.
Jena
- P15** **Interaction of the SH2 domain protein tyrosine phosphatase SHP-1 with the receptor tyrosine kinase Ros**
Böhmer, S.A., Pusch, R., Biskup, C., Lindenau, J., Böhmer, F.
Jena
- P16** **Epstein-Barr virus LMP2A employs the SLP-65 signaling module**
Engels, N., Merchant, M., Pappu, R., Chan, A.C., Longnecker, R., Wienands, J.
Bielefeld, Chicago, St. Louis, USA
- P17** **PI3-kinase γ binds acidic phospholipid membranes**
Kirsch, C., Siegmund, J., Klinger, R.
Jena

Cell Death and Differentiation

- P18** **Alpha-Toxin mediates *Staphylococcus aureus*-induced cell death and directly triggers cytochrome c release**
Jänicke, R.U., Bantel, H., Sinha, B., Schulze-Osthoff, K.
Münster
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- P19 Rho protein inactivation induces endothelial cell apoptosis - Sensitization towards TNF- α -dependent programmed cell death via NF- κ B-inhibition**
Schmeck, B.T., Dje N'Guessan, P., Seybold, J., Krüll, M., Preissner, K.T., v. Eichel-Streiber, C., Suttorp, N., Hippenstiel, S.
Berlin, Giessen, Mainz
- P20 Myocardial down-regulation of endogenous inhibitors of apoptosis in end-stage heart failure**
Bartling, B., Scheubel, R.J., Holtz, J., Silber, R.E., Simm, A.
Halle-Wittenberg
- P21 Modulation of the transforming activity of the SV40 large tumour antigen (T-Ag) by casein kinase 1 δ (CK1 δ)**
Wolff, S., Kurth, M., Deppert, W., Behrend, L., Knippschild, U.
Hamburg
- P22 Expression of the T cell death associated gene 51 is regulated by the MAP kinase pathway via PKC and/or Ras**
Oberg, H.-H., Kalthoff, H., Niggemeier, M., Janssen, O., Kabelitz, D.
Kiel
- P23 Caspase-Independent Cell Death is Mediated by Ceramide**
Thon, L., Lange, A., Mathieu, S., Adam, D.
Kiel
- P24 The FADD/caspase signaling pathway plays an additional role in the cell cycle control of NIH3T3 fibroblasts**
Lüschen, S., Ussat, S., Scherer, G., Kabelitz, D., Adam-Klages, S.
Kiel
- P25 Inhibition of poly-(ADP-ribose)-polymerase-1 (PARP-1) facilitates phorbol ester-induced monocytic differentiation**
Harnacke, K., Deinet, S., Hass, R.
Hannover
- P26 CD95-mediated apoptosis in pancreatic adenocarcinoma cells: The role of protein kinase C μ .**
Trauzold, A., Wermann, H., Schmiedel, S., Röder, C., Ungefroren, H., Johannes, F.-J., Kalthoff, H.
Kiel, Stuttgart
- P27 TRAIL inhibits human T cell activation by blocking calcium entry**
Waiczies, S., Lünemann, J.D., Ehrlich, S., Seeger, B., Kamradt, T., Zipp, F.
Berlin
- P28 Ionizing radiation but not anticancer drugs causes cell cycle arrest and failure to activate the mitochondrial death pathway in MCF-7 breast carcinoma cells**
Engels, I.H., Dunkern, T., Kaina, B., Schulze-Osthoff, K., Jänicke, R.U.
Münster, Mainz
- P29 A kinase-negative mutant of the MAPK kinase kinase TAK1 inhibits stress signalling and sensitizes NIH3T3 cells to TNF- α induced apoptosis**
Thiefes, A., Wolter, S., Hoffmann, E., Holtmann, H., Resch, K., Kracht, M.
Hannover
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Cytokines, Chemokines and their Receptors

- P30** **Bidirectional influences of histamine on the expression of IFN γ mRNA in atopic and nonatopic human lymphocytes *ex vivo***
Horr, B., Borck, H., Jones, M., Diel, F.
Fulda
- P31** **The MKK6/p38 mitogen activated protein kinase pathway induces SOCS3 gene expression and inhibits IL-6-induced gene induction**
Bode, J.G., Ludwig, S., Schaper, F., Heinrich, P.C., Häussinger, D.
Düsseldorf, Würzburg, Aachen
- P32** **Erythropoietin receptor (EPOR)-dependent SOCS-3 regulation depends on the JAK/STAT-pathway**
Sasse, T., Büchse, T., Shu, Y.J., Bittorf, T., Brock, J.
Rostock
- P33** **Different regulation of Interferon gamma inducible protein-10 and Interleukin-10 by the Epstein-Barr Virus Latent Membrane Protein 1**
Vockerodt, M., Michels, A., Smola, S., Kube, D.
Köln, Tübingen
- P34** **New inhibitors of inducible human TNF- α expression from fungi**
Erkel, G., Rether, J., Anke, T., Sterner, O.
Kaiserslautern, Lund, Sweden
- P35** **Tolerance to Lipopolysaccharide (LPS) abolishes glomerular AP-1 and NF- κ B regulated RANTES expression**
Pocock, J., Gomez-Guerrero, C., Ayoub, M., Dombrowski, A., Zahner, G., Stahl, R.A.K., Thaiss, F.
Hamburg, Madrid, Spain
- P36** **SH3 and WW domain binding to CD95L**
Wenzel, J., Sanzenbacher, R., Ghadimi, M., Lewitzky, M., Zhou, Q., Kaplan, D., Kabelitz, D., Feller, S.M., Janssen, O.
Kiel, Würzburg, Oxford, UK, Cleveland, USA
- P37** **Comparative analysis of latent TGF- β binding protein-1 (LTBP-1) and TGF- β 1 promoter-activities and expression patterns after stimulation with PDGF and other cytokines**
Breitkopf, K., Westhoff, J.H., Tag, C.G., Gressner, A.M.
Aachen
- P38** **Effects of fly ash on pro-inflammatory responses of pulmonary cells in monoculture and co-culture systems**
Weiß, K., Krug, H.F., Diabaté, S.
Karlsruhe
- P39** **Proteolytic processing of STAT5 in early hematopoietic progenitor cells**
Meyer, J., Heukeshoven, J., Jücker, M., Ostertag, W., Baum, C., Stocking, C.
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Hannover, Hamburg

- P40 Intracellular Transport of PI3 Kinase and Interleukin-1-Receptor Associated Kinase IRAK into the Nucleus**
Böl, G.-F., Brigelius-Flohé, R.
Potsdam-Rehbrücke
- P41 Inhibition of TGF- β Signalling in Cultured Hepatic Stellate Cells by N-Acetyl-L-Cysteine (NAC)**
Gressner, A.M., Lahme, B., Dooley, S.
Aachen
- P42 Interleukin (IL)-17/IL-17 receptor complex in fibroblast-like synoviocytes of patients with rheumatoid arthritis**
Kehlen, A., Pachnio, A., Thiele, K., Riemann, D., Langner, J.
Halle/Saale
- P43 Studies on cytokine receptor gp130 mediated signal transduction by the use of fluorescent fusion proteins and confocal microscopy**
Giese, B., Au-Yeung, C., Timmermann, A., Haan, C., Küster, A., Heinrich, P.C., Behrmann, I., Müller-Newen, G.
Aachen
- P44 Monoclonal gp130- Aacheantibodies act as partial agonists in interleukin-6 signaling**
Herrmann, A., Wijdenes, J., Heinrich, P.C., Müller-Newen, G.
Aachen, Besancon, France
- P45 Biophysical investigation of ligand induced receptor assembly of the human type I interferon receptor**
Lamken, P., Lata, S., Piehler, J.
Frankfurt
- P46 Triggering of STAT3 splicing and phosphorylation in lymphocytes by trophoblast supernatants**
Storl, F., Schneider, C., Fitzgerald, J.S., Markert, U.R.
Jena
- P47 Endogenous soluble receptors and ligands involved in the regulation of vascular endothelial cell proliferation and vessel formation**
Greger, K., Weich, H.A.
Braunschweig
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Signal Transduction through G-Proteins

- P48 Basal rate of Ras.GDP/GTP cycling is a major permissive determinant in agonist-induced Ras activation**
Rubio, I., Rennert, K., Wittig, U., Wetzker, R.
Jena
- P49 The PTH-induced expression of RGS2 is differentially modulated by calcitriol and dexamethasone**
Hömmel, M., Schmitt, C.P., Himmele, R., Witzgall, R., Mehls, O., Schaefer, F.
Heidelberg
- P50 Methocitramine and gallamine inhibit PI hydrolysis in guinea-pig gallbladder**
Cabadak, H., Kan, B.
Istanbul, Turkey
- P51 Functional significance of activated K-Ras for the transformed phenotype of PANC-1 pancreatic carcinoma cells**
Dreißigacker, U., Siegert, P., Meinel, K., Mansard, A., Gierschik, P., Giehl, K.
Ulm
- P52 Functional analysis of *Dictyostelium discoideum* Rho-related proteins RacG and RacH**
Somesh, B.P., Dislich, H., Rivero, F.
Köln
- P53 Agonists of Proteinase-activated Receptor-2 Stimulate Activation of Nuclear Transcription Factor kappa B and Upregulation of ICAM-1 in Human Keratinocytes.**
Buddenkotte, J., Stroh, C., Shpacovitch, V.M., Moormann, C., Brzoska, T., Sommerhoff, C.P., Schulze-Osthoff, K., Vestweber, D.
Münster, München
- P54 Agonist-induced phosphorylation and sequestration of the human prostaglandin E2 receptor, subtype EP4 Identification of relevant Serine/Threonine residues in the C-terminal receptor domain**
Neuschäfer-Rube, F., Böer, U., Rehwald, M., Püschel, G.P.
Bergholz-Rehbrücke
- P55 Opsin Activation by Diffusible All-trans-Retinal Promotes G Protein-Coupled Receptor Activity in the Dark**
Schaedel, S., Maretzki, D., Hofmann, K.P.
Berlin
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Poster Presentation - Poster 56 - 110:

Friday, November 9, 17.40 – 18.30 h

Chair: Karlheinz Friedrich

Signal Transduction through G-Proteins (continued)

- P56 Regulation of Phosphoinositide 3-Kinase by G Proteins**
Nuernberg, B., Czupalla, C., Brock, C., Krause, E., Schaefer, M.
Ulm, Berlin, Berlin-Buch
- P57 Reconstitution of an olfactory receptor-activated cAMP signalling pathway in a human cell line**
Chirokova, E., Bedner, P., Niessen, H., Willecke, K., Krautwurst, D.
Bergholz-Rehbrücke, Bonn

Signal Transduction and Cancer

- P58 CML blast cell proliferation is inhibited by cell-penetrating peptides which disrupt Grb2-SoS complexes**
Kardinal, C., Tuchscherer, G., Feller, S.M.
Oxford, UK, Hannover, Lusanne, Switzerland
- P59 The AGE - RAGE system: Inducer of metalloproteases**
Simm, A., Daoud, S., Neumann, A., Loske, C., Fraccorollo, D., Diez, C., Schinzel, R.
Halle, Würzburg
- P60 CBP/p300 interacts preferentially with dynamic O-linked glycosylated Stat5**
Gewinner, C., Hart, G.W., Beissenherz-Huss, C., Groner, B.
Frankfurt, Freiburg, Baltimore, USA
- P61 The SHP2-interacting transmembrane adaptor protein SIT: structural and functional characterization.**
Simeoni, L., Maire-Cardinie, A., Pfrepper, K.I., Spicka, J., Hilgert, I., Schraven, B.
Magdeburg, Martinsried, Creteil Cedex, France, Prague, Czech Republic
- P62 Epidermal growth factor induced migration regulated by c-erbB-2 signaling is attributed to coordinated sustained baseline transient calcium oscillations**
Dittmar, T., Schewe, Y., Husemann, A., Nofer, J.-R., Niggemann, B., Zänker, K.S., Brandt, B.H.
Witten, Münster
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- P63 Activity of the Tumor Suppressor PTEN is influenced by the Anticancer Drugs Cisplatin, Paclitaxel and Adriamycin**
Schöndorf, T., Kurbacher, C.M., Göhring, U.-J., Becker, M., Kolhagen, H., Mallmann, P.
Köln
- P64 T24 bladder carcinoma cell migration is induced by an autocrine interleukin-8 loop**
Lang, K., Niggemann, B., Zaenker, K.S., Entschladen, F.
Witten
- P65 Screening of peptide aptamers specifically binding to the EGF receptor and their delivery into cancer cells - A potential for tumor therapy**
Bürger, C., Kunz, C., Wittig, I., Butz, K., Hoppe-Seyler, F., Groner, B.
Frankfurt, Heidelberg
- P66 COX-2 independent induction of cell cycle arrest and apoptosis in colon cancer cells by the selective COX-2 inhibitor celecoxib**
Groesch, S., Tegeder, I., Niederberger, E., Braeutigam, L., Geisslinger, G.
Frankfurt
- P67 Inhibition of epidermal growth factor induced migration of c-erbB-2 positive breast cancer cells using a recombinant protein blocking the binding site of the adaptor protein PLC γ 1**
Schewe, Y., Niggemann, B., Zänker, K.S., Brandt, B.H., Dittmar, T.
Witten, Münster
- P68 CKI delta shows a tissue specific pattern of expression and activity in young adult Balb/c mice**
Maritzen, T., Huber, N., Dirsch, N., Deppert, W., Löhler, J., Knippschild, U.
Hamburg
- P69 Peptide-Aptamers - A noval strategy to interfere with protein-protein interactions**
Kunz, C., Bürger, C., Butz, K., Hoppe-Seyler, F., Groner, B.
Frankfurt, Heidelberg
- P70 A chimeric erbB-2/ Insulin-like Growth Factor Type 1 Receptor is constitutively active**
Belaus, A., Merkle, C., Fella, C., Groner, B.
Frankfurt
- P71 Inhibition of Stat3 signalling by peptide aptamers**
Nagel, K., Butz, K., Hoppe-Seyler, F., Groner, B.
Frankfurt, Heidelberg
- P72 Dysregulation of STAT3 activity in colorectal cancer**
Corvinus, F., Orth, C., Moriggl, R., Pfitzner, E., Friedrich, K.H.
Jena, Frankfurt, Vienna, Austria
- P73 Oncogenic Activity of c-Met Receptor studied by using Fluorescence-tagged Signalling Mediators**
Cramer, A., Kleiner, S., Augsten, M., Westermann, M., Tirlapur, U.K., Friedrich, K.
Jena
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- P74 Comparative ERK1/2 activation in human colon cells representing different stages of development and transformation**
Kautenburger, T., Sendt, W., Scheele, J., Pool-Zobel, B.L.
Jena
- P75 Constitutively active and dominant negative STAT3 and STAT5 variants as tools to analyze their role in proliferation, differentiation and tumorigenesis of mammary epithelial cells**
Döll, F., Bender, S., Pfitzner, E.
Frankfurt
- P76 TRANSPATH - a database on signal transduction networks**
Pistor, S., Götze, U., Choi, C., Krull, M., Schacherer, F., Voss, N., Wingender, E.
Wolfenbüttel
- P77 The tumor suppressor PTEN shows a special expression pattern in normal renal tissue and renal tumor tissue**
Brenner, W., Faerber, G., Lehr, H.A., Herget, T., Thüroff, J.W.
Mainz
- P78 Constitutive JNK activation in NIH 3T3 fibroblasts induces a partially transformed phenotype**
Rennefahrt, U.E.E., Kerkhoff, E., Rapp, U.R., Troppmair, J.
Würzburg

Interference of Pharmaceuticals and Xenobiotics with Signal Transduction

- P79 New Evidences for the Involvement of Death Receptors in Organotin-induced Apoptosis**
Krug, H.F., Nollert, C., Meixner, S.
Karlsruhe
- P80 EGFR as a target of Cdc25A phosphatase in Hep3B human hepatoma cells**
Wang, Z., Wang, M., Lazo, J.S., Carr, B.I.
Pittsburgh, USA
- P81 Celecoxib loses its anti-inflammatory efficacy at high doses through activation of NF- κ B**
Niederberger, E., Tegeder, I., Schmidtko, A., Vetter, G., Braeutigam, L., Groesch, S., Geisslinger, G.
Frankfurt
- P82 Src kinase is activated during tributyltin (TBT) induced apoptosis**
Strack, S., Krug, H.F.
Karlsruhe
- P83 Alterations within Signalling Pathways in Resistant Human Melanoma Xenograft Cell Lines**
Trapp, J.E., Krug, H.F.
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Karlsruhe

- P84** **Copper ions strongly activate the phosphoinositide-3-kinase/Akt pathway - role of reactive oxygen species**
Ostrakhovitch, E.A., Lordnejad, M.R., Schliess, F., Sies, H., Klotz, L.O.
Düsseldorf

Control of Transcription

- P85** **COP9 signalosome directed regulation of NF- κ B**
Vorst, S., Dubiel, W., Naumann, M.
Berlin
- P86** **The transcription factor Nuclear factor I B (NFIB) is required for normal lung development in the mouse**
Gründer, A., Ebel, T.T., Shimizu, T., Schrewe, H., Sippel, A.E.
Freiburg
- P87** **Involvement of coactivators in the regulation of transcription by Stat5 in mammary epithelial cells**
Marilley, D., Litterst, C., Pfitzner, E.
Frankfurt
- P88** **The Mammalian Reverse One-Hybrid System, a Novel Functional Screening Assay for the Identification of Transcription Factors**
Wiesner, C., Hoeth, M., Binder, B.R., de Martin, R.
Vienna, Austria
- P89** **Localisation and regulation by retinoids of PI3K γ promoter activity**
Baier, R., Kirschstein, A., Loncarevic, I., Klinger, R.
Jena
- P90** **Demethylation of promoter DNA supports NF-ATc expression in T lymphocytes**
Chuvpilo, S., Jankevics, E., Tyrsin, D., Akimjanov, A., Serfling, E.
Würzburg, Riga
- P91** **Genomic Steroid Signaling Starts at the Level of the Plasma Membrane**
Daufeldt, S., Allera, A.
Bonn

Genomics and Proteomics in Signaling

- P92 Identification of novel ARHGEF6 protein interaction partners using the SOS recruitment system (SRS)**
Rosenberger, G., Jantke, I., Kutsche, K.
Hamburg
- P93 DELphi: A protein discovery platform technology using an alphaviral expression system**
Eickhoff, B., Bauer, M., Dietmeier, K., Lässig, U., Germeroth, L., Raeber, A.J.
Konstanz

Cell Cycle Regulation

- P94 The retinoblastoma protein and E2F transcription factors play a key role in the mediation of growth factor-antagonistic effects of interferon-alpha in Ba/F3 cells**
Prietzsch, H., Brock, J., Jaster, R.
Rostock
- P95 Interaction of casein kinase 1 delta (CK1 δ) with post Golgi structures, microtubules and the spindle apparatus**
Stöter, M., Behrend, L., Kurth, M., Rutter, G., Heukeshoven, J., Deppert, W., Knippschild, U.
Hamburg

Cell/Cell- and Cell/Matrix-Interactions in Signaling

- P96 Rac-1 influence on E-cadherin concentration in pancreatic carcinoma cell lines**
Hage, B., Giehl, K., Meinel, K., Adler, G., Wedlich, D., Menke, A.
Ulm, Karlsruhe
- P97 Mechanism of TCDD-induced loss of contact-inhibition in rat liver epithelial cells.**
Dietrich, C., Faust, D., Budt, S., Moskwa, M., Kunz, A., Bock, K.W., Oesch, F.
Mainz, Tübingen
- P98 The cytoplasmic domain of the $\alpha 3$ subunit of the cell-matrix adhesion molecule integrin $\alpha 3 \beta 1$ can be dephosphorylated by serine/threonine phosphatase PP1 and PP2A**
Mutz, D., Hofmann, W., Reutter, W., Danker, K.
Berlin
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- P99 The role of the cytoplasmic domain of the alpha-3 subunit of the alpha3beta1 integrin in adhesion and neurite outgrowth of PC12 cells**
Mechai, N., Reutter, W., Danker, K.
Berlin
- P100 Realtime visualization of tumor cell - endothelium interactions during invasion**
Heyder, C., Thomas-Ecker, S., Gloria-Maercker, E., Zänker, K.S., Dittmar, T.
Witten
- P101 Mechanisms of contact-inhibition in human keratinocytes (HaCaT)**
Faust, D., Scherwat, J., Kunz, H., Oesch, F., Dietrich, C.
Mainz
- P102 Neuroprotection by downregulation of microglial PARP-1 and CD11a expression**
Ullrich, O., Diestel, A., Eyüpoglu, I., Nitsch, R.
Berlin
- P103 The integrin expression and integrin affinity are regulated by different PKC isoenzymes**
Brenner, W., Gudejko-Thiel, J., Benzing, F., Herget, T., Thueroff, J.W.
Mainz

NO and Oxidative Stress-Induced Signaling

- P104 Agglomerates of ultrafine particles of elemental carbon induce generation of lipid mediators in alveolar macrophages via MAPK pathway and phospholipase A2 activation accompanied by oxidative stress**
Beck-Speier, L., Dayal, N., Karg, E., Maier, K.L., Schumann, G., Ziesenis, A., Heyder, J.
Neuherberg/München
- P105 Peroxynitrite and Cellular Signaling: Oxidation versus Nitration**
Klotz, L.O., Schroeder, P., Holbrook, N.J., Sies, H.
Düsseldorf, Baltimore, USA
- P106 Retrodifferentiation of human leukemic cells is mediated by poly-ADP-ribose-polymerase**
Selle, A., Ullrich, O., Hass, R.
Hannover, Berlin

Specialized Membrane Structures: GEMs and Rafts

- P107 Regulation of the rat mitochondrial glycerol-3-phosphate dehydrogenase gene expression by steroid-receptor-superfamily**
Kutz, S., Weitzel, J.M., Seitz, H.J.
Hamburg

Methods

- P108 Inhibition of the PrIR-Jak2-Stat5 pathway by peptid aptamers**
Abrell, S., Groner, B.
Frankfurt

Miscellaneous

- P109 Multistate receptor binding by multiple natural ligands of pheromone receptors in the basidiomycete fungus *Schizophyllum commune***
Gola, S., Kothe, E.
Jena
- P110 Peptides with phosphorylated tyrosine-recognizing ability**
Witarto, A.B., Yokoyama, K., Tamiya, E.
Ishikawa, Japan
- P111 Molecular analysis of a protein kinase implicated in developmental processes in *Bacillus subtilis***
Madec, E., Cienkier, A., Seror, S. J.
Orsay, France
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