



Facts and Figures



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(May 2011)

PhD Students, *International PhD Programme in Molecular Medicine*

Total number of PhD students	115
Male	37
Female	78
International students	42
Parental students	4

PhD Students, Research Training Group GRK 1041

Total number of PhD students	11
Male	5
Female	6
International students	7
Parental students	1

Students of Programme “Experimental Medicine”

Total number of PhD students	37
Male	3
Female	8
International students	0
Parental students	1

Doctorates conferred (2009-2011), *International PhD Programme in Molecular Medicine*

Name	Topic	Institute	Date of final examination	Degree
Amara, Umme	Interactions of the Complement and Coagulation Cascades	Department of Orthopedic Trauma, Hand, Plastic and Reconstruction Surgery	09/28/2009	PhD
Bender, Ariane	Role of phosphoinositide-3-kinase (PI3K)/Akt signaling in chemotherapy-induced apoptosis regulation of neuroblastoma	Department of Pediatrics and Adolescent Medicine	12/21/2010	Dr. rer. nat.
Beyer, Anja-Silke	Interaction between amyloid-b (A ₄) precursor protein (APP) and engulfment adaptor PTB domain containing 1 (GULP1) and its physiological impact on APP metabolism	Department of Neurology	12/07/2010	Dr. rer. nat.
Bhattacharya, Nupur	Microenvironmental signaling in chronic lymphocytic leukemia	Department of Internal Medicine III	11/04/2010	PhD
Chevillotte, Meike	Novel approaches for optimisation of human cytomegalovirus antiviral therapy based on viral resistance profiles	Institute of Virology	04/20/2010	PhD
Einem, Björn	Modulation of amyloid precursor protein (APP) and β -site of APP cleaving enzyme 1 (BACE1) intracellular transport and its influence on APP processing in Alzheimer's disease	Department of Neurology	12/02/2010	Dr. rer. nat.
Karl, Sabine Konstanze	Identification of a novel role of Nuclear Factor kappaB in the regulation of the DNA damage response and apoptosis in glioblastoma	Department of Pediatrics and Adolescent Medicine	04/01/2010	Dr. rer. nat.
Löder, Isabella Sandra	Combining small molecule XIAP inhibitors and death receptor ligands as promising approach to overcome apoptosis resistance in acute and chronic lymphocytic leukemia	Department of Pediatrics and Adolescent Medicine	12/17/2010	Dr. rer. nat.
Mader, Isabelle	Identification of a novel proapoptotic function of resveratrol: Sensitization of fat cells to TRAIL-induced apoptosis in a SIRT1-independent manner	Department of Pediatrics and Adolescent Medicine	06/15/2010	Dr. rer. nat.
Mohr, Julia	The p53 Network in Chronic Lymphocytic Leukemia	Department of Internal Medicine III	05/15/2011	Dr. rer. nat.
Müller, Adrienne	Molecular mechanisms underlying the switch of mature retinal ganglion cells to a regenerative state after inflammatory stimulation	Department of Neurology	10/09/2009	Dr. rer. nat.
Philippen, Angela	Genetic and Epigenetic Lesions in Chronic Lymphocytic Leukemia (CLL): The impact of aberrations in single genes, complex loci and whole genomes on the pathomechanism of CLL	Department of Internal Medicine III	02/11/2011	Dr. rer. nat.
Purushothama Rao, Tata	Transcriptional regulation of a pluripotency association miRNA cluster, EEmiRC: an epigenetic mystique	Institute of Biochemistry and Molecular Biology	03/21/2011	PhD
Pusapati, Venkata Ganesh Varma	Protein kinase D2-regulated protein transport at the trans-Golgi network requires its targeting to this compartment by ADP-ribosylation factor 1	Department of Internal Medicine I	06/17/2010	PhD
Vellanki, Sri HariKrishna	Small molecule XIAP inhibitors enhance γ -irradiation-induced apoptosis in glioblastoma	Department of Pediatrics and Adolescent Medicine	12/14/2009	PhD



Workshops	Date	Organizer
Project Management for Research Projects – Basic level	11/25/2011 - 11/26/2011	GSC 270
Extramural Funding – The road from idea to getting funded!	10/28/2011 - 10/29/2011	GSC 270
European Patent Law	08/09/2011 - 08/10/2011	GSC 270
Career Planning	07/08/2011	GSC 270
Team work & leadership competencies in academia and beyond	06/17/2011	GSC 270
Networking for academics – Creating perspectives through contacts	05/27/2011	GSC 270
German course – German for Beginners	every Monday, start: 05/16/2011	GSC 270
Good Scientific Practice	05/09/2011 05/11/2011 05/13/2011	GSC 270
Sicherheit in der Gentechnik	05/05/2011 - 05/06/2011	GSC 270
In vivo Imaging Methods from Preclinical to Clinical Research	04/15/2011 - 04/16/2011	GSC 270
Bioethics	04/12/2011 04/26/2011 - 04/29/2011	GSC 270
Research Management training workshop for young researchers, Brussels	03/31/2011 - 04/01/2011	GSC 270
Good Laboratory Practice	03/25/2011 - 03/26/2011	GSC 270
Communication & presentation in the academic context	03/17/2011 - 03/18/2011 09/22/2011 - 09/23/2011	GSC 270
Academic Writing	02/25/2011	GSC 270
Project Management for Research Projects – Advanced Level	01/21/2011 - 01/22/2011	GSC 270
Project Management for Research Projects – Basic Level	11/26/2010 - 11/27/2010	GSC 270
Intercultural Training	11/13/2010	GSC 270
Grant Acquisition	11/05/2010 - 11/06/2010	GSC 270
German course – German for Beginners	every Monday, start: 10/25/2010	GSC 270
Communication & presentation in the academic context	09/17/2010	GSC 270
In vivo imaging methods	04/23/2010 - 04/24/2010	GSC 270
Sicherheit in der Gentechnik	04/15/2010 - 04/16/2010	GSC 270
Team work & leadership competencies in academia and beyond	06/18/2010	GSC 270

Workshops	Date	Organizer
Project management for Research Projects – Advanced Level	01/22/2010 - 01/23/2010	GSC 270
Project Management for Research Projects – Basic Level	11/27/2010 - 11/28/2010	GSC 270
Project Management in Biotechnological Industries	11/13/2009	GSC 270
Detection of Antigen-Specific T Cells using Multiparameter Flow Cytometry	individually arranged	GRK 1041
Analysis of Proteases by using Biochemical Methods	individually arranged	GRK 1041
Functional analysis of the androgen receptor (AR) signalling	individually arranged	GRK 1041
Analysis of androgen receptor protein complexes in prostate carcinoma cell lines	individually arranged	GRK 1041

Excursions	Date	Organizer
Boehringer Ingelheim Pharma GmbH & Co.KG	05/04/2011	GSC 270
Rentschler Biotechnologie GmbH	02/16/2011	GSC 270
Roche Diagnostics GmbH	01/28/2011	GRK 1041
Carl Zeiss AG	12/08/2010	GSC 270
Boehringer Ingelheim Pharma GmbH & Co.KG	05/05/2010	GSC 270
Rentschler Biotechnologie GmbH	01/21/2010	GSC 270
Boehringer Ingelheim Pharma GmbH & Co.KG	11/24/2009	GSC 270





Symposia	Date	Organizer
Fall Meeting 2011	10/06/2011 - 10/08/2011	GSC 270
Tag der Molekularen Medizin	04/16/2011	Students
Spring Meeting 2011	04/07/2011 - 04/09/2011	GSC 270
4th International Symposium "Signalling Pathways in Stem Cell Biology"	10/14/2010 - 10/16/2010	SFB 497
Fall Meeting 2010	10/07/2010 - 10/09/2010	GSC 270
International DFG-Meeting: "Functional compartmentalization of PIP2 signaling", G \ddot{u} nzburg	09/09/2010 - 09/11/2010	P. Gierschik
Statistical Computing 2010 42nd Meeting of the Working groups "Statistical Computing" and "Klassifikation und Datenanalyse in den Biowissenschaften", G \ddot{u} nzburg	06/20/2010 - 06/23/2010	H. Kestler
Chinese Science Colloquium	05/03/2010	UU
Spring Meeting 2010	04/25/2010 - 04/27/2010	GSC 270
Tag der Molekularen Medizin	04/16/2010	Students
Minisymposium: Pulmonology together with Boehringer Ingelheim Pharma GmbH & Co.KG	03/09/2010	P. Dietl
Minisymposium: Neurosciences together with Boehringer Ingelheim Pharma GmbH & Co.KG	02/15/2010 - 02/16/2010	T. B \ddot{o} ckers



Summer and Winter Schools	Date	Organizer
Bregenz Summer School in Endocrinology 2011	07/24/2011 - 07/28/2011	GRK 1041, 1208, KFO 218
5th Tongji-Ulm Summer School in Molecular Medicine: Cancer: From Molecules to Disease Wuhan/China	07/25/2011 - 05/08/2011	GSC 270
GRK Winter School 2010, Kühtai	12/14/2010 - 12/16/2010	GRK 1041
4th Tongji-Ulm Summer School in Molecular Medicine: Infectious Diseases Wuhan/China	07/26/2010 - 08/06/2010	GSC 270
21st International Summer School of Epidemiology; together with UNC, Ulm/Germany	07/26/2010 - 07/30/2010	GSC 270
Bregenz Summer School in Endocrinology 2010	07/18/2010 - 07/22/2010	GRK 1041

Retreats	Date	Organizer
Molecular Biology and Genetics Myrtle Beach/USA	09/16/2011 - 09/18/2011	UNC Chapel Hill
Faces of Neuroscience Development, Plasticity& Disease Loch Lomond/Scotland	09/05/2011 - 09/09/2011	T. Böckers
Cellular and Molecular Mechanisms of Ageing, Günzburg/Germany	09/15/2011 - 09/16/2011	H. Geiger
Protein structure and function and kinases as drug targets Athens/Greece	09/22/2010 - 09/26/2010	U. Knippschild
Molecular Biology and Genetics, together with UNC Chapel Hill Myrtle Beach/USA	09/17/2010 - 09/19/2010	UNC Chapel Hill
Signaling pathways in development and regeneration Reisenburg Günzburg/Germany	06/08/2010 - 06/11/2010	M. Kühl
Meeting GRK 1041 and internal retreat GRK 1208 Berlin Reisenburg Günzburg/Germany	04/12/2010 - 04/14/2010	GRK 1041

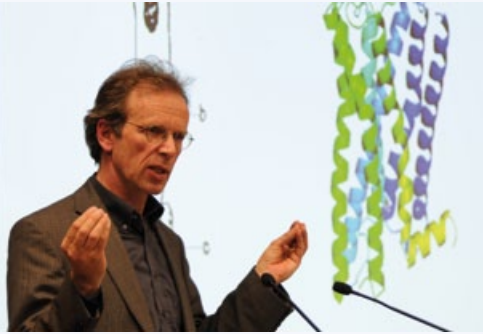


Social Activities	Date
Summer Party	07/13/2011
M4M: Excursion to the Swabian Jura	04/16/2011
M4M: Excursion to Riezlern, Kleinwalsertal	03/13/2011
M4M: Excursion to Lake Constance	03/12/2011
Basketball Match: Students vs Supervisors	02/24/2011
M4M: Excursion to Mercedes-Benz Museum	02/12/2011
M4M: Visit of the "Narrensprung" Carnival	02/06/2011
M4M: Chinese Spring Festival	01/29/2011
M4M: Excursion to Oberstdorf	01/22/2011
M4M: Thematical evening: Regional game tradition "Mutscheln"	01/21/2011
M4M: Observatory/planetarium Laupheim	01/05/2011
Christmas Party	12/15/2010
M4M: Guided city tour Ulm	09/15/2010
Oktoberfest, Munich	09/29/2010
M4M: Guided tour Botanic Garden	08/04/2010
M4M: Traditional/cultural regional events and "public viewing" of the semi finale FIFA world cup	07/07/2010
Summer Party	06/30/2010
M4M: Excursion to Switzerland: Rheinfall and Zurich	06/19/2010
M4M: Excursion to Lake Constance	06/12/2010
M4M: Guided City tour for Newcomers	05/19/2010
M4M: Soirée Européenne	03/12/2010
M4M: Excursion to Munich, Deutsches Museum	03/06/2010
M4M: Games Germans play	03/03/2010
M4M: Chinese New Year	02/13/2010

Social Activities	Date
M4M: 2010 welcome evening	02/03/2010
Christmas Party	12/16/2009
M4M: Excursion to Esslingen	12/12/2009
M4M: Pakistani Evening	11/22/2009
M4M: Excursion: Centrotherm photovoltaics AG, Blaubeuren	11/04/2009
M4M: The German language	11/03/2009
M4M: Climate change and climate protection	10/14/2009



Invited Speakers (2009-2011)



Topic	Speaker	Date	Organizer
Molecular and cellular functions of the Dek oncogene	Susanne Wells Cincinnati/USA	05/26/2011	SFB 497
Generation of functional organs from ES/iPS cells	Hiromitsu Nakauchi Tokyo/Japan	05/23/2011	GSC 270
Analysing structured data – symbolic and probabilistic approaches	Luc De Raed Leuven/Belgium	05/23/2011	GSC 270
Bone Marrow Niche Signaling that regulates Hematopoietic Stem Cell Hibernation	Hiromitsu Nakauchi Tokyo/Japan	05/18/2011	GSC 270
Intestinal microbiota at the cross-road between inflammation and metabolism	Dirk Haller Munich/Germany	04/28/2011	GRK 1041
Spying on drugs and metabolites in living cells	Kai Johnsson Lausanne/Switzerland	04/09/2011	GSC 270
Regulation of collagen prolyl 4-hydroxylase II in chondrocytes by the hypoxia response pathway	Ellinoora Aro Oulu/Finland	04/09/2011	GSC 270
Super-resolution Fluorescence Microscopy with Novel Fluorescent Protein Markers	Ulrich Nienhaus Karlsruhe/Germany	04/09/2011	GSC 270
Aspects of human B cell lymphoma pathogenesis	Ralf Küppers Essen/Germany	04/08/2011	GSC 270
Small and Long non-coding RNAs in Cancer	Sven Diederichs Heidelberg/Germany	04/08/2011	GSC 270
Generation of the LODAVIN and IDTR mice to study murine kidney development	Subramanian Muruga Oulu/Finland	04/08/2011	GSC 270
From Synapse to Nucleus and Back Again – Communication Over Distance Within Neurons	Michael Kreutz Magdeburg/Germany	04/08/2011	GSC 270
Receptor-mediated signaling	Martin Lohse Würzburg/Germany	04/07/2011	GSC 270
The after party: Wound recrudescence after failure to stop healing	Alan Wells Pittsburgh/USA	04/07/2011	SFB 497
Characterization of autoreactive T cells in autoimmune diabetes	Corrado Cillio Malmö/Sweden	02/10/2011	GRK 1041
Entschlüsselung des Neandertaler-Genoms	Johannes Krause Tübingen/Germany	12/02/2010	GRK 1041
Tales of Wnt signaling and regeneration: Cellular and molecular mechanisms of bone regeneration in the zebrafish fin	Gilbert Weidinger Dresden/Germany	11/30/2010	SFB 497

Topic	Speaker	Date	Organizer
Pancreas development and regeneration	Heiko Lickert Munich/Germany	11/25/2010	GRK 1041
Surviving sepsis: Lessons from mice	Hartmut Weiler Milwaukee/USA	11/22/2010	SFB 497
Epigenetic Aspects from stem cell research and reproductive medicine	Ulrich Zechner Mainz/Germany	11/18/2010	SFB 497
Polyclonal T cell activation for cancer therapy by bispecific antibodies	Patrick A. Baeuerle München/Germany	11/04/2010	SFB 497
Cell transformation by human adenovirus	Thomas Dobner Hamburg/Germany	10/21/2010	SFB 497
Of vectors, viruses and cancer	Christof von Kalle Heidelberg/Germany	10/16/2010	SFB 497
Pharmacological mobilization of progenitor cells	Sara M. Rankin London/UK	10/16/2010	SFB 497
Ex vivo expansion of hematopoietic stem cells – new possibilities	Connie J. Eaves Vancouver/Canada	10/16/2010	SFB 497
Tracking stem cells at the single cell level: New tools for old questions	Timm Schröder Munich/Germany	10/16/2010	SFB 497
Targeting the Rho GTPase Cdc42 for hematopoietic stem cell mobilization and engraftment	Yi Zheng Cincinnati/USA	10/16/2010	SFB 497
Development and migration of primordial germ cells in zebrafish	Erez Raz Münster/Germany	10/16/2010	SFB 497
TGF- β induces hematopoietic stem cell hibernation as a BM niche signal	Hiromitsu Nakauchi Tokyo/Japan	10/15/2010	SFB 497
Genome stability mechanisms in <i>C. elegans</i> germline stem cells	Björn Schumacher Cologne/Germany	10/15/2010	SFB 497
Lgr5 gastrointestinal stem cells in self-renewal and cancer	Nick Barker Utrecht/Netherlands	10/15/2010	SFB 497
Control of intestinal stem cell proliferation in aging <i>Drosophila</i>	Heinrich Jasper Rochester/USA	10/15/2010	SFB 497
Identification and analysis of stem cells in cardiac and skeletal muscle	Thomas Braun Bad Nauheim/Germany	10/15/2010	SFB 497
Benign and malignant cross-talk in the stem cell niche	Dorothy A. Sipkins Chicago/USA	10/15/2010	SFB 497



Topic	Speaker	Date	Organizer
Stem cell regulation via dynamic interactions of the nervous and immune systems with the microenvironment	Tsvee Lapidot Rehovot/Israel	10/15/2010	SFB 497
Neural regulation of stem cell microenvironment	Paul S. Frenette New York/USA	10/15/2010	SFB 497
Dynamic niches: Implications of stem cell trafficking for stem cell function	Amy Wagers Boston/USA	10/15/2010	SFB 497
Stem cells, systemic factors, and the control of oogenesis by diet in Drosophila	Daniela Drummond-Barbosa Baltimore/USA	10/15/2010	SFB 497
The role of E-cadherin in pluripotency and reprogramming	Daniel Besser Berlin/Germany	10/14/2010	SFB 497
Transposon-reprogrammed induced pluripotent stem cells are powerful exploratory tools	Andras Nagy Toronto/Canada	10/14/2010	SFB 497
X-chromosome reactivation during transcription factor induced reprogramming	Jason Tchieu Los Angeles/USA	10/14/2010	SFB 497
Gene targeting in human pluripotent cells using zinc-finger nucleases	Dirk Hockemeyer Boston/USA	10/14/2010	SFB 497
Modeling human neural development and disease in pluripotent stem cells	Stuart Chambers New York/USA	10/14/2010	SFB 497
Induction of pluripotency in adult stem cells	Hans R. Schöler Münster/Germany	10/14/2010	SFB 497
Transcriptional control of myeloid cell diversification	Frank Rosenbauer Berlin/Germany	10/09/2010	GSC 270
Endostatin and arresten, basement membrane components with various roles in tumor growth	Mari Aikio Oulu/Finland	10/09/2010	GSC 270
Inflammatory signaling pathways in models of liver disease	Tom Lüdde Aachen/Germany	10/09/2010	GSC 270
DNA damage response in skin stem cells	Cédric Blanpain Bruxelles/Belgium	10/08/2010	GSC 270
Harnessing the zebrafish to elucidate mechanisms governing spatiotemporal gene expression	Gray Camp Chapel Hill/USA	10/08/2010	GSC 270
Genome-wide measurement of transcription factor binding dynamics by competition-ChIP	Colin Lickwar Chapel Hill/USA	10/08/2010	GSC 270
DNA damage induced silencing of gene transcription	Roger Greenberg Philadelphi/USA	10/08/2010	GSC 270

Topic	Speaker	Date	Organizer
Introduction to the German Mouse Clinic	Helmut Fuchs Munich/Germany	10/08/2010	GSC 270
Genetic associations with plasma adiponectin level in Filipino young adults	Damien Croteau-Chonka Chapel Hill/USA	10/08/2010	GSC 270
Molecular approaches to the treatment of muscle atrophy	Paula Clemens Pittsburgh/USA	10/08/2010	GSC 270
Stem cells and their future therapeutic potentials	Hirimitsu Nakauchi Tokyo/Japan	10/07/2010	GSC 270
Nephronectin: A new regulator of heart patterning	Felix B. Engel Bad Nauheim/Germany	09/23/2010	SFB 497
Quality Control for Assembly of HLA Class II Peptide Receptors-Polymorphism Induced Dysfunction of HLA-DQ Peptide Receptors	Norbert Koch Bonn/Germany	06/17/2010	GRK 1041
Phagocytes – A new endocrine organ	Michael Flierl Denver/USA	05/21/2010	ZMFU
Molekulare Therapie von Knorpelschäden	Henning Madry Homburg, Saar/Germany	05/18/2010	ZMFU
DNA damage in aging and longevity	Bjoern Schuhmacher Cologne/Germany	05/14/2010	SFB 497
Maintaining an immature neural state: A tricky tale of transcription	Sally A. Moody Washington D.C./USA	04/19/2010	SFB 497
Targeting the self-renewal programmes of normal and leukemic stem cells	R. Keith Humphries Vancouver/Canada	03/27/2010	GSC 270
Cancer stem cells in pancreatic cancer: researchers's view and clinical impact	Christiane Bruns Munich/Germany	03/27/2010	GSC 270
Developmental signaling under the control of G protein-coupled receptor kinases	Melanie Philipp Duke/USA	03/26/2010	GSC 270
Hypoxia-inducible factor (HIF)-1 α stabilization in normoxic, hypoxic and reoxygenated mouse embryonic fibroblasts lacking HIF prolyl 4-hydroxylase 3	Anu Laitala Oulu/Finland	03/26/2010	GSC 270
Drosophila motoraxons recognize and follow Sidestep-labelled substrates	Hermann Aberle Münster/Germany	03/26/2010	GSC 270
microRNAs in development and disease	Scott Hammond Chapel Hill/USA	03/26/2010	GSC 270



Topic	Speaker	Date	Organizer
Features of Pluripotency in Xenopus	Ralph Rupp Munich/Germany	03/25/2010	GSC 270
Pinosomes and podosomes: Protease biology links two dendritic cell “organelles”	Colin Watts Dundee/UK	03/18/2010	SFB 518
The link between motor proteins and striatal pathology	Krisztina Vörös	03/18/2010	IZKF
Two isoforms of human RNA polymerase III with specific functions in cell growth, differentiation and transformation	Martin Teichmann Bordeaux/France	03/11/2010	SFB 497
Identifying diabetes-relevant autoreactive T cells	Ezio Bonifacio Dresden/Germany	03/04/2010	GRK 1041
A cross talk between the transcription factors Pdx1 and TFAM explains mitochondrial dysfunction in an islet beta cell model of MODY4	Benoit Gauthier Geneva/Switzerland	02/25/2010	GRK 1041
Human Immunosenescence and Infection	Graham Pawelec Tübingen/Germany	02/22/2010	KFO 142
How do cells sense mechanical forces? – Exploration of mechanotransduction in cells and it’s implications for cancer biology	Yasuhiro Sawada Singapore	01/14/2010	SFB 518
Hepatocyte-Specific NEMO Deletion: An Animal Model To Study Liver Disease Progression	Christian Trautwein Aachen/Germany	12/10/2009	SFB 518
The role of medullary thymic epithelial cells in central tolerance: Self-antigen factories or autonomous tolerogenic APCs	Ludger Klein Munich/Germany	12/10/2009	GRK 1041
Foxp3+ regulatory T(reg) cells in autoimmune diabetes	Markus Feuerer Heidelberg/Germany	12/08/2009	SFB 518
The Endocannabinoidsystem in Adipose Tissue	Isabel Wagner Lübeck/Germany	12/03/2009	GRK 1041
Investigating hematopoietic stem cells and neutrophils in the bone marrow in vivo	Matthias Gunzer Magdeburg/Germany	11/18/2009	SFB 497

Publications of PhD students 2009-2011

(until May 2011)

2011

Bender A, Opel D, **Naumann I**, Kappler R, Friedman L, von Schweinitz D, Debatin KM, Fulda S (2011) PI3K inhibitors prime neuroblastoma cells for chemotherapy by shifting the balance towards pro-apoptotic Bcl-2 proteins and enhanced mitochondrial apoptosis. *Oncogene* 30:494-503

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Felix K, Fakelman F, **Hartmann D**, Giese NA, Gaida MM, Schnölzer M, Flad T, Büchler MW, Werner J. Identification of serum proteins involved in pancreatic cancer cachexia. *Life Sci.* 88: 218-25

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Gessert S, **Schmeisser MJ**, **Tao S**, Böckers TM, Kühl M (2011) The spatio-temporal expression of ProSAP/Shank family members and their interaction partner LAPSER1 during *Xenopus laevis* development. *Dev Dyn* in press

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Hopfensitz M, Mussel C, [Wawra C](#), Maucher M, Kühl M, Neumann H, Kestler HA (2011). Multiscale Binarization of Gene Expression Data for Reconstructing Boolean Networks. *IEEE/ACM Trans Comput Biol Bioinform*, in press

Kleger A, Loebnitz C, [Pusapati GV](#), Armacki M, Müller M, Tümpel S, Illing A, [Hartmann D](#), Brunner C, Liebau S, Rudolph KL, Adler G, Seufferlein T (2011). Protein kinase d2 is an essential regulator of murine myoblast differentiation. *PLoS One* 6:e14599

Liebau S, Steinestel J, [Linta L](#), Kleger A, Storch A, Schoen M, Steinestel K, Proepper C, Bockmann J, [Schmeisser MJ](#), Boeckers TM (2011) An SK3 channel/nWASP/Abi-1 complex is involved in early neurogenesis. *PLoS One* 6:e18148

[Lunov O](#), Syrovets T, Loos C, Beil J, Delacher M, Tron K, Nienhaus GU, Musyanovych A, Mailänder V, Landfester K, Simmet T (2011) Differential uptake of functionalized polystyrene nanoparticles by human macrophages and a monocytic cell line. *ACS Nano* 5:1657-1669

[Lunov O](#), Zablotskii V, Syrovets T, Röcker C, Tron K, Nienhaus GU, Simmet T (2011) Modeling receptor-mediated endocytosis of polymer-functionalized iron oxide nanoparticles by human macrophages. *Biomaterials* 32:547-555

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[Naumann I](#), Kappler R, von Schweinitz D, Debatin KM, Fulda S (2011) Bortezomib primes neuroblastoma cells for TRAIL-induced apoptosis by linking the death receptor to the mitochondrial pathway. *Clin Cancer Res*. 2011 in press

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[Parmar S](#), Seeringer A, Denich D, Gaertner F, Pitterle K, Syrovets T, Ohmle B, Stingl JC (2011) Variability in transport and biotransformation of cytarabine is associated with its toxicity in peripheral blood mononuclear cells. *Pharmacogenomics* in press

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