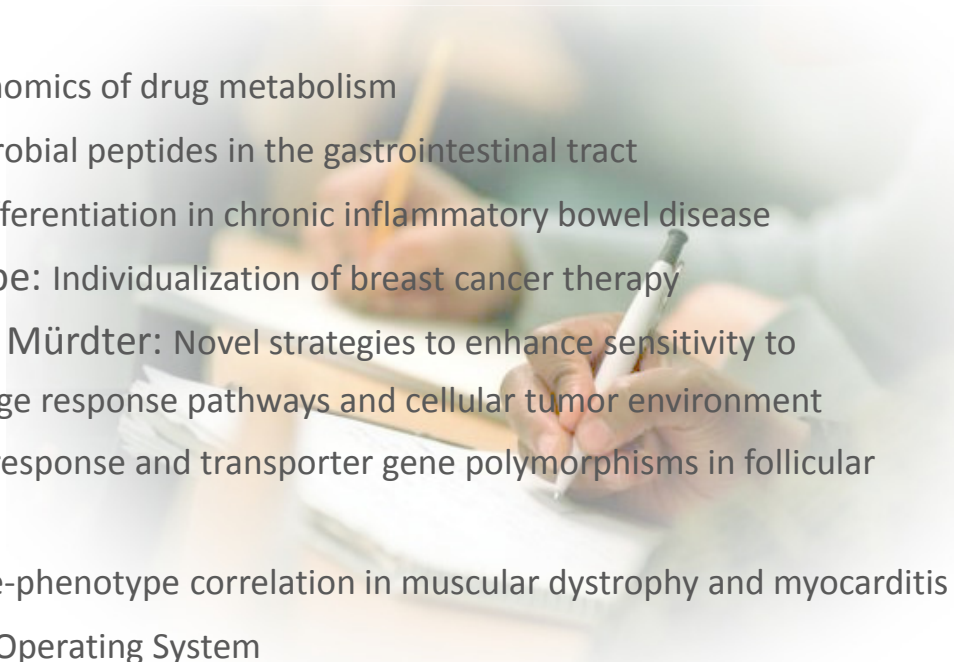


1. Summer Semester 2009

Focus: Research Topics at the IKP / RBK

- 06.05.2009 P1 O. Burk / A. Nies: Molecular mechanisms of transporter-mediated variable drug effects
- 13.05.2009 P2 R. Kerb / E. Schäffeler: Mechanisms of interindividual variability of selected efflux-and uptake transporters: emphasis on epigenetics
- 20.05.2009 P4 E. Stange / S. Harsch: Polymorphism and expression analysis of ileal lipid transporters and their transcription factors
- 27.05.2009 P3 U. Zanger / K. Klein: Pharmacogenomics of drug metabolism
- 03.06.2009 P5 S. Nuding / J. Wehkamp: Antimicrobial peptides in the gastrointestinal tract
- 10.06.2009 P6 J. Wehkamp: Epithelial stemcell differentiation in chronic inflammatory bowel disease
- 17.06.2009 O1 H. Brauch / W. Schroth / R. Hoppe: Individualization of breast cancer therapy
- 24.06.2009 O2 W. Aulitzky / H. van der Kuip / T. Mürdter: Novel strategies to enhance sensitivity to chemotherapy: Targeting DNA damage response pathways and cellular tumor environment
- 01.07.2009 O4 G. Ott / H. Horn: Role of immune response and transporter gene polymorphisms in follicular Non-Hodgkin lymphoma
- 08.07.2009 I1 A. Yilmaz / U. Sechtem: Genotype-phenotype correlation in muscular dystrophy and myocarditis
- 15.07.2009 I2 D. Alscher: CLEOS: Clinical Expert Operating System
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2. Winter Semester 2009 / 2010

Focus: Pharmacokinetics, Drug metabolism and Transport

11.11.2009	U. Klotz:	Basic concepts of pharmacokinetics I
18.11.2009	U. Klotz:	Basic concepts of pharmacokinetics II
25.11.2009	U. Zanger:	Biochemistry & pharmacogenetics of drug metabolism
02.12.2009	A. Nies:	Biochemistry & pharmacogenetics of drug transport
09.12.2009	O. Burk:	Regulation of drug metabolism & transport by nuclear receptors
16.12.2009	U. Hofmann:	Mass-spectrometry-based analytical methods
13.01.2010	K. Mörike:	Clinical studies, design and execution
20.01.2010	S. Winter:	Statistical tests I: Basics
27.01.2010	S. Winter:	Statistical tests II: Regression models
03.02.2010	C. Justenhoven:	Anti-Cancer Drugs
10.02.2010	Student seminars:	S. Riedmaier, D. Feidt
17.02.2010	Student seminars:	C. Melgar, E. Hoffart



3. Summer Semester 2010

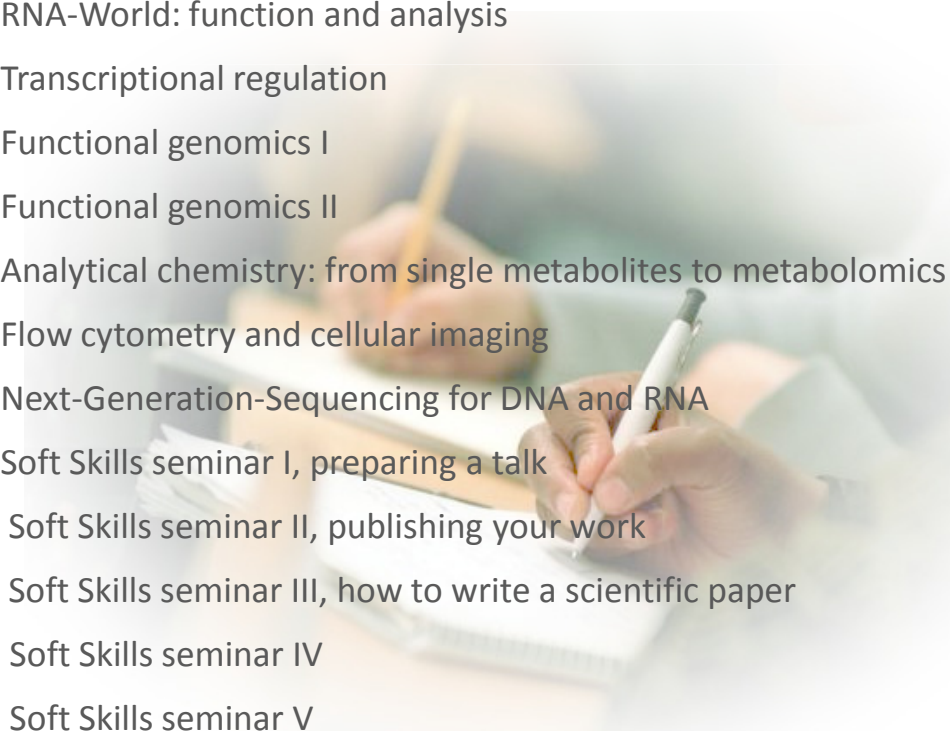
Focus: Oncology, Basic and Clinical Aspects

20.04.2010	W. Aulitzky:	Introduction: Oncology: Basic and Clinical Aspects
21.04.2010	G. Ott:	Tumor Pathology
28.04.2010	H. Horn / C. Kalla:	Lymphomas and Leukemias
05.05.2010	H. Brauch:	Genes and Breast Cancer
12.05.2010	T. Mürdter:	Tamoxifen Analytics
19.05.2010	H. van der Kuip:	Regulation of Cell Cycle
02.06.2010	W. Schroth / R. Hoppe:	miRNA / Pharmacogenomics of Endocrine Breast Cancer Therapy
09.06.2010	R. Kerb:	Drug-drug Interactions
16.06.2010	S. Winter:	Statistical Tests III
23.06.2010	Student seminars:	S. Haubeiß, M. Gutekunst
30.06.2010	M. Schwarz:	Mechanisms of Tumor-promotion
07.07.2010	Student seminars:	M. Dong



4. Winter Semester 2010 / 2011

Focus: Molecular and Cell-Biology Technologies and “Soft Skills”




26.10.2010	U. Zanger:	An introduction to the Human Genome
03.11.2010	C. Justenhoven:	Analysis of DNA variations
10.11.2010	K. Klein:	RNA-World: function and analysis
24.11.2010	O. Burk:	Transcriptional regulation
01.12.2010	M. Thomas:	Functional genomics I
08.12.2010	T. Lang / A. Nies:	Functional genomics II
15.12.2010	U. Hofmann:	Analytical chemistry: from single metabolites to metabolomics
12.01.2011	H. van der Kuip:	Flow cytometry and cellular imaging
19.01.2011	P. Bauer:	Next-Generation-Sequencing for DNA and RNA
26.01.2011	U. Zanger / C. Justenhoven:	Soft Skills seminar I, preparing a talk
02.02.2011	U. Zanger	Soft Skills seminar II, publishing your work
09.02.2011	H. Brauch	Soft Skills seminar III, how to write a scientific paper
16.02.2011	Students' practical exercise:	Soft Skills seminar IV
23.02.2011	Students' practical exercise:	Soft Skills seminar V

5. Summer Semester 2011

Focus: Physiology and Pathophysiology of Organ Systems

04.05.2011	S. Winter:	Work-flow for statistical analyses I
11.05.2011	S. Winter:	Work-flow for statistical analyses II
18.05.2011	G. Treiber:	Physiology and Pathophysiology of Oesophagus and Stomach
25.05.2011	J. Wehkamp:	Physiology and Pathophysiology of the Intestine
01.06.2011	C. Schäfer:	Physiology and Pathophysiology of the Liver
07.06.2011	M. Schwab:	Physiological specialties in children
29.06.2011	N. Braun:	Physiology and Pathophysiology of the Kidneys
13.07.2011	T. Fehm:	Physiology and Pathophysiology of the Breast
20.07.2011	A. Yilmaz:	Physiology and Pathophysiology of the Cardiovascular System



6. Winter Semester 2011 / 2012

Focus: Pharmacology: Clinical, Ethical, Legal and Developmental Aspects

09.11.2011	S. Winter:	Statistical Design, Sample Size Calculation, and Resampling
16.11.2011	R. Jütte:	The Placebo Effect: Past and Present
23.11.2011	P. Knupfer:	Composition and tasks of Research Ethics Committees (RECs)
05.12.2011	P. Stopfer:	Pharmakokinetics in Drug Development
07.12.2011	C. Harteneck:	Pharmacological modulation of ion channels
14.12.2011	S. von Kielmansegg:	Legal Regulation of Clinical Studies
11.01.2012	K. Mörike:	Drug Therapy in Special Populations: Advanced Age and Pregnancy
18.01.2012	K. Mörike:	Drug Therapy of Cardiac Arrhythmia
25.01.2012	R. Kerb:	Drug Therapy of Diabetes, Obesity, Metabolic Syndrome
15.02.2012	A. Henney:	Systems approaches to 21 st Century Medicine
22.02.2012	J. Lötsch:	Drug therapy against pain: pharmacokinetics, pharmacogenetics, and drug development

