



CMMC Annual Retreat

January 24 - 25, 2014

Stand: Jan. 23, 2014



Tagungsstätte
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Friday - January 24, 2014

10.00 - 10.50 a.m.	Executive Board Meeting of the CMMC
11.00 - 11.05 a.m.	Thomas Benzing / Welcome Address and Introduction
11.05 - 11.10 a.m.	Chair: Angelika Noegel
11.10 - 11.30 a.m.	The multifaceted function of histone methylases and demethylases in lung cancer Reinhard Büttner / Margarete Odenthal - Institute for Pathology
11.30 - 11.50 p.m.	Systematic identification of significantly mutated gene groups in cancer genomes by co-expression patterns Martin Peifer - Department of Translational Genomics
11.50 - 12.10 p.m.	Characterizing the molecular functions of the tumor suppressor protein Folliculin using the model organism <i>Caenorhabditis elegans</i> Roman-Ulrich Müller / Francesca Fabretti - Dept. II of Internal Medicine
12.10 - 12.30 p.m.	Differential modulation of the p53 network in cancer therapy Björn Schumacher - CECAD Cologne / Hans Christian Reinhardt - Dept. I of Internal Medicine
12.30 - 2.00 p.m.	Lunch Break
2.00 - 2.05 p.m.	Chair: Guenter Schwarz
2.05 - 2.25 p.m.	Extracellular microfibrillar systems in disease pathogenesis: functional interactions in cytokine regulation, cellular differentiation and tissue homeostasis Mats Paulsson / Raimund Wagener / Gerhard Sengle - Inst. f. Biochemistry II
2.25 - 2.45 p.m.	Molecular function of Lef1 mutations (E45K/S61P and ΔNLe1) in epithelial tissues and cancer Catherin Niemann - Institute for Biochemistry II
2.45 - 3.05 p.m.	The dynamic regulation of primary cilia in renal injury repair Max C. Liebau - Department of Pediatrics / Bernhard Schermer - Dept. II of Internal Medicine / Sandra Habbig /
3.05 - 3.25 p.m.	Discussions with coffee
	Chair: Mats Paulsson
3.25 - 3.45 p.m.	Significance of leukocyte-mediated impairment of vascular integrity for the pathogenesis of heart failure, and leukocyte peroxidase inhibition as a novel therapeutic concept Stephan Baldus / Anna Klinke / Volker Rudolph - Department III of Internal Medicine
3.45 - 4.05 p.m.	NADPH oxidase (NOX)-generated reactive oxygen species (ROS): mechanisms of tissue-specific activation and pathophysiological implications for microbial infections Olaf Utermöhlen / Martin Krönke - Institute for Med. Microbiology, Immunology and Hygiene

4.05 - 4.25 p.m.	Corticosteroid-mediated regulation of the human host response against intracellular pathogens Mario Fabri - Department of Dermatology
4.25 - 4.45 p.m.	Discussions with coffee
4.45 - 5.45 p.m.	Introduction by Thomas Benzing Key Note Lecture The need for systems approaches for molecular medicine Andreas Beyer Systems Biology, University of Cologne
5.45 - 6.15 p.m.	Discussions with coffee
6.15 - 7.30 p.m.	CMMC - General Board Meeting (for all CMMC members)
8.00 p.m.	CMMC-Dinner

Saturday - January 25, 2014

9.00 - 9.05 p.m.	Chair: Brunhilde Wirth
9.05 - 9.25 a.m.	Deciphering the modifying network counteracting spinal muscular atrophy and its translation into therapy Brunhilde Wirth - Institute for Human Genetics
9.25 - 9.45 a.m.	The role of genetically and epigenetically systemically modified phospholipidome in membrane structure and function. Studies in null allelic mouse models: fads2-/- and smpd3-/- Wilhelm Stoffel - Laboratory of Molecular Neuroscience
9.45 - 10.05 a.m.	Lipid droplets in neurodegenerative diseases Elena Rugarli - Institute for Zoology
10.05 - 10.25 a.m.	Role of altered brain glucose metabolism in the pathogenesis of obesity and type 2 diabetes mellitus Jens Brüning - Institute for Genetics / Center for Endocrinology, Diabetes and Prev. Medicine
10.25 - 10.50 a.m.	Discussions with coffee
10.50 - 10.55 a.m.	Chair: Thomas Benzing
10.55 - 11.15 a.m.	Genomic context and mechanisms of transcriptional repression during early patterning of the mammalian embryo Alvaro Rada-Iglesias (JRG VII, Developmental Genomics)
11.15 - 11.35 a.m.	Systems biology of chromatin Akis Papantonis (JRG VIII, Systems Biology of Chromatin)
11.35 - 11.55 a.m.	Killer centrosomes; Can they kill cancer cells? Jay Gopalakrishnan (JRG IX, Laboratory of Centrosome and Cytoskeleton Biology)
11.55 - 12.15 p.m.	Discussion - final remarks Thomas Benzing
12.15 - 12.30 p.m.	leave-taking with snacks