



Center for Molecular Medicine Cologne
University of Cologne

Invitation

CMMC Annual Retreat

Jan. 30 - 31, 2015

new Location
MTI-Lecture Hall of the Medical Faculty

CMMC Annual Retreat - invitation

We are pleased to invite you and your group members to participate in the Annual Retreat of the Center for Molecular Medicine Cologne taking place from Jan. 30 - 31, 2015 at a new location. The "Annual Retreat" starts on Friday (Jan. 30, 2015) at 1.00 p.m. and ends on Saturday (Jan. 31, 2015) at 2.30 p.m.

CMMC Annual Retreat 2015 - new location for the year 2015

To facilitate the scientific exchange of the "Life Science Research" interested in biomedical research, the new location of the CMMC Annual Retreat is the MTI Lecture Hall of the Medical Faculty (Joseph-Stelzmann Str. 52b) - located in the middle of the Medical Campus.

CMMC Annual Retreat 2015 - open for all members of the Life Science Campus

The CMMC Annual Retreat is open for all members of the Medical and Natural Science Faculty as well as for the members of the associated Max-Planck Institutes. For the CMMC members, the participation in the Annual Retreat is considered with highest priority.

CMMC Annual Retreat 2015 - program

In the current funding period 42 research groups are integrated in the CMMC. Based on a rotation system every year, a limited number of project groups, who did not present a short talk at the last Annual Retreat in 2014, are invited to give a progress report. Please find the preliminary program below.

CMMC Annual Retreat 2015 - starting with a CMMC General Board Meeting

As in previous years, the CMMC General Meeting combined with the Board Meeting is scheduled from 1.00 - 2.00 p.m. on Friday, Jan. 30, 2015. This meeting is of importance for all CMMC members; participation is required.

CMMC Annual Retreat 2015 - CMMC Dinner on Friday at 8.00 p.m. for all participants

Furthermore, we would like to invite you to the CMMC-Welcome-Get Together, following the General Board Meeting on Friday, Jan. 30, 2015 at 8.00 p.m.

CMMC Annual Retreat 2015 - Please register by filling in the registration form

We are looking forward to welcoming you and your team to the Annual Retreat 2015 in Cologne. For the CMMC members, the participation in the Annual Retreat is mandatory. Guest are highly welcomed.



Center for Molecular Medicine Cologne, University of Cologne (CMMC)
Zentrum für Molekulare Medizin Köln, Universität zu Köln (ZMMK)

Chair: Prof. Dr. med. Thomas Benzing
Scientific Coordination / Managing Director: Dr. rer. nat. Debora Grosskopf-Kroiher
ZMMK-Forschungsgebäude / Robert-Koch-Str. 21 / 50931 Cologne, Germany
Phone: +(49)-221-478 5552 / Fax: +(49)-221-478 4833 / zmmk-office@uni-koeln.de
www.zmmk.uni-koeln.de

Friday – Jan. 30, 2015		
01.00 - 02.00 p.m.		CMMC – General Board Meeting (for all CMMC members)
02.00 - 02.25 p.m.		Coffee Break
		Start of the official part of the annual retreat
02.25 - 02.30 p.m.		Thomas Benzing / Welcome Address and Introduction
Research Area	C	Molecular mechanisms and metabolic control of tissue degeneration and regeneration
	Chair	Wilhelm Stoffel - Laboratory of Molecular Neuroscience
02.30 - 02.50 p.m.	C-10	Nitrite-dependent NO synthesis by sulfite oxidase Guenter Schwarz - Inst. for Biochemistry - Math.-Nat. Faculty
02.50 - 03.10 p.m.	A-9	Identification of new disease-causing and -modifying genes for familial breast and ovarian cancer Eric Hahnen/Rita Schmutzler - Center of Familial Breast and Ovarian Cancer
03.10 - 03.30 p.m.	C-4	Mitochondrial dynamics and metabolism Thomas Langer - CECAD Cologne
03.30 - 03.50 p.m.	CAP	New anti-angiogenic concepts for the treatment of NSCLC Roland Ullrich - Dept. I of Internal Medicine
03.50 - 04.10 p.m.		Discussion with coffee
	Chair	Brunhilde Wirth - Institute for Human Genetics
04.10 - 04.30 p.m.	C-6	Molecular basis of disturbed neurogenesis in primary microcephaly M. Sajid Hussain/Angelika Noegel - Inst. for Biochemistry I / Peter Nürnberg - Cologne Center for Genomics
04.30 - 04.50 p.m.	C-1	Receptor targeted AAV vectors Hildegard Büning - Center for Molecular Medicine Cologne (CMMC)
04.50 - 05.10 p.m.	C-12	Condensinopathies: Elucidation of novel molecular and functional mechanisms associated with congenital malformation and premature aging Bernd Wolnik - Inst. for Human Genetics
05.10 - 05.30 p.m.	SRG	Neutral sphingomyelinases: novel basic functions in cellular processes Wilhelm Stoffel - Laboratory of Molecular Neuroscience
05.30 - 05.50 p.m.		Discussion with coffee
JRG		Junior Research Groups
	Chair	Martin Krönke - Inst. for Medical Microbiology, Immunology & Hygiene
05.50 - 06.10 p.m.	JRG VII	Foxd3 as a gatekeeper of the somatic gene expression program - ok Alvaro Rada-Iglesias - Developmental genomics / CMMC
06.10 - 06.30 p.m.	JRG VIII	Dissecting the nascent human transcriptome by analyzing the RNA content of transcription factories Argyris Papantonis - Systems biology of chromatin / CMMC
06.30 - 06.50 p.m.	JRG IX	Cilium scales brain size by breaking symmetry; iPSc modelling of brain development Jay Gopalakrishnan - Lab. of Centrosome and Cytoskeleton Biology / CMMC
06.50 - 07.10 p.m.		Discussion with coffee
07.10 - 07.30 p.m.	JRG assoc.	Translational approaches to Muscular Dystrophy Sebahattin Cirak - Dept. of Human Genetics / CMMC
07.30 - 07.50 p.m.	JRG assoc.	Decoding the role of long non-coding RNAs in cardiac development, aging and regeneration Leo Kurian - Inst. for Neurophysiology / CMMC
08.00 p.m.		CMMC-Get together Buffet

Saturday – Jan. 31, 2015		
Research Area	A	Mechanisms of tumor development: intrinsic and extrinsic control of cell proliferation and tissue invasion
	Chair	Reinhard Büttner - Institute of Pathology
09.00 - 09.20 a.m.	A-2	Identification of small molecules blocking matriptase-dependent morphogenesis and carcinogenesis in zebrafish Matthias Hammerschmidt - Inst. of Developmental Biology
09.20 - 09.40 a.m.	A-3	Intrinsic and extrinsic functions of polarity proteins in melanoma formation and progression Sandra Iden - CECAD Cologne
09.40 - 10.00 a.m.	A-6	Stem cell-specific role of NF-κB signalling in cancer Manolis Pasparakis - Inst. for Genetics
10.00 - 10.20 a.m.	C-3	Mechanisms regulating age-associated decline of skin regenerative capacity Sabine Eming - Dept. of Dermatology / Maria Leptin - Inst. for Genetics
10.20 - 10.50 a.m.		Discussion with coffee
	CAP	Career Advancement Program
	Chair	Thomas Benzing - Dept. II for Internal Medicine
10.50 - 11.10 a.m.	CAP	Sensitizing protective tumor microenvironments to antibody therapy - a central role for macrophage function Christian Pallasch - Dept. I of Internal Medicine
11.10 - 11.30 a.m.	CAP	A novel pathomechanism of mitochondrial dysfunction in toxic neuropathies Helmar Lehmann - Dept. of Neurology
11.30 - 11.50 a.m.	CAP appl.	Genetic and mutational basis of natural gene expression variation in yeasts, and transcription factor activity in cancer Mathieu Clément-Ziza - CECAD Cologne
11.50 - 12.10 p.m.	EPO	Projekt Sonnenbus "Die Sonne und Wir" From educational public outreach activities to a primary preventative strategy to decrease skin cancer rates in adults Debora Grosskopf-Kroiher - EPO-CMMC
12.10 - 12.50 p.m.		Discussion with lunch
Research Area	B	Principles of immunity, inflammation and infection
	Chair	Mats Paulsson – Institute for Biochemistry II
12.50 - 01.10 p.m.	B-1	Efficacy of CAR T cell therapy in large tumors relies upon stroma targeting by IFN-γ Hinrich Abken - Dept. I of Internal Medicine
01.10- 01.30 p.m.	B-3	Dynamic roles of podocytes in glomerular filtration and the progression of chronic kidney disease Thomas Benzing - Dept. II of Internal Medicine
01.30 - 01.50 p.m.	B-5	Death and Inflammation, therapeutic targeting of IAPs in cancer Hamid Kashkar - Inst. for Med. Microbiology, Immunology and Hygiene
01.50 - 02.10 p.m.	B-7	Inducing mtDNA deletions in mouse tissues to study their causal role in ageing Olivier Baris/Rudolf Wiesner - Inst. for Vegetative Physiology
02.10 - 02.30 p.m.		Final discussion and leave-taking Thomas Benzing

status quo - Jan. 27, 2015