



CMMC Annual Retreat 2016

Jan. 28 - 29, 2016

Invitation and Program

Invitation

It is a great pleasure for us to invite you and your group members to participate in the CMMC Annual Retreat 2016 of the Center for Molecular Medicine Cologne taking place from Jan. 28 - 29, 2016 in the Lecture Hall at the MPI for Biology of Ageing, Joseph-Stelzmann Str. 9b.

Program: short talks and poster presentation

In the current funding period 43 research groups and 5 core units are funded and 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 2015, are invited to give a progress report.

To further facilitate the scientific exchange within the CMMC and with the research groups of the University Campus all CMMC project leaders and heads of the core units are also invited to present a poster during the CMMC poster sessions. The poster sessions will take place during the coffee and lunch breaks at the foyer of the MPI for Biology of Ageing, Joseph-Stelzmann Str. 9b.

Program - short talks and CMMC poster presentation

Jan. 28, 2016 (11.00 a.m. - 06.30 p.m.)

Jan. 29, 2016 (09.00 a.m. - 03.00 p.m.)

Location: Lecture Hall and foyer - MPI for Biology of Ageing, Joseph-Stelzmann Str. 9b

CMMC General Assembly

Jan. 28, 2016 - 11.00 a.m.:

Part I: The CMMC Annual Retreat starts with the center's progress report.

Jan. 28, 2016 - 06.00 p.m.

Part II: New CMMC Funding Period (01/2017 - 21/2019): presentation of the procedure and time plan (e.g. application criteria / evaluation procedure / site visit of the External Advisory Board (Nov. 02 - 03, 2016)).

CMMC-Get-Together-Dinner

Jan. 28, 2016 at 06.30 p.m.

Location: Foyer - CMMC-Research Center Robert-Koch-Str. 21, 50931 Cologne

Open for all members of the Life Science Campus at the University of Cologne

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 a high priority.

Registration: Please register by filling in the online registration form

For online registration, please visit:

http://www.zmmk.uni-koeln.de/events/annual_retreat/2016/online_registration/index_eng.html

If you have further questions, please contact the CMMC-Office (Debora.grosskopf-kroiher@uni-koeln.de).

We are looking forward to welcoming you and your team to the Annual Retreat 2016 in Cologne. Guests are highly welcome.

Yours sincerely

Prof. Thomas Benzing

Chair - Center for Molecular Medicine Cologne

Program

Thursday – Jan. 28, 2016

Lecture Hall at the MPI for Biology of Ageing, Joseph-Stelzmann Str. 9b

9.45 - 10.45 p.m.		Meeting of the CMMC Executive Board (for members of the EC Board only)
11.00 - 11.30 a.m.		Welcome Address and The Center's development (General CMMC Assembly - Part I) Thomas Benzing
Research Area	A	Mechanisms of tumor development: intrinsic and extrinsic control of cell proliferation and tissue invasion
	Chair	Christian Reinhardt - Dept. I of Internal Medicine -
11.30 - 11.50 p.m.	A-1	The multifaceted function of histone methylases and demethylases in lung cancer Reinhard Büttner / Margarete Odenthal - Institute for Pathology
11.50 - 12.10 p.m.	A-4	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.	A-5	Molecular mechanisms of mutant Lef1-mediated tumour initiation and progression Catherin Niemann - Institute for Biochemistry II and CMMC
12.30 - 01.45 p.m.		Lunch - with poster presentation - foyer of the MPI for Biology of Ageing
	Chair	Michael Hallek – Dept. I of Internal Medicine
01.45 - 02.05 p.m.	A-6	Using the Crispr/Cas9 system for mouse genetic engineering: The Cologne experience Manolis Pasparakis - Institute for Genetics, CECAD Cologne
02.05 - 02.25 p.m.	A-7	Cancer genome analyses of small cell lung cancer and neuroblastoma Martin Peifer - Dept. of Translational Genomics
02.25 - 02.45 p.m.	A-8	Differential modulation of the p53 network in cancer therapy H. Christian Reinhardt - Dept. I of Internal Medicine / Björn Schumacher - CECAD Cologne
02.45 - 03.10 p.m.		Coffee break with poster presentation - foyer of the MPI for Biology of Ageing
Research Area	B	Principles of immunity, inflammation and infection
	Chair	Angelika Noegel - Center for Biochemistry
03.10 - 03.30 p.m.	B-2	Modelling transcription factor activity Stephan Baldus / Anna Klinke / Volker Rudolph - Dept. III of Internal Medicine
03.30 - 03.50 p.m.	B-4	Corticosteroid-mediated regulation of the human host response against intracellular pathogens - Mario Fabri - Department of Dermatology
03.50 - 04.10 p.m.	B-6	NADPH oxidase (NOX)-generated reactive oxygen species (ROS): mechanisms of tissue-specific activation and pathophysiological implications for microbial infections Martin Krönke / Olaf Utermöhlen - Institute for Med. Microbiology, Immunology & Hygiene
04.10 - 04.30 p.m.		Coffee break with poster presentation - foyer of the MPI for Biology of Ageing
	Chair	Carien Niessen - Dept. of Dermatology
04.30 - 04.45 p.m.	CAP	Polarity signaling at the glomerular filtration barrier of the kidney Paul Brinkkötter - Dept. II of Internal Medicine
04.45 - 05.00 p.m.	CAP	Monastrol prevents mitochondrial damage in cisplatin-induced peripheral neuropathy Helmar Lehmann - Dept. of Neurology
05.00 - 05.15 p.m.	CAP	Modelling transcription factor activity Mathieu Clement-Ziza - CECAD Cologne
05.15 - 05.30 p.m.	CAP	Exploiting bacterial cytotoxicity for antibiotic drug discovery Jan Rybniker - Dept. I of Internal Medicine please include your title
05.30 - 05.45 p.m.	CAP	Functional implications and interaction of macrophages in the tumor microenvironment upon genotoxic stress - Christian Pallasch - Dept. I of Internal Medicine
05.45 - 06.30 p.m.		The new funding period (site visit Nov. 02 - 03, 2016) (General CMMC Assembly - Part II) Thomas Benzing

Thursday – Jan. 28, 2016

Translocation to the CMMC Research Center

06.40 – 10.00 p.m.	CMMC-Get-Together-Dinner Foyer – CMMC Research Center (Robert-Koch-Str. 21)
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Friday – Jan. 29, 2016

Lecture Hall at the MPI for Biology of Ageing, Joseph-Stelzmann Str. 9b

Junior Research Groups	JRG	Mechanisms of tumor development: intrinsic and extrinsic control of cell proliferation and tissue invasion
	Chair	Martin Krönke - Institute for Medical Microbiology, Immunology and Hygiene
09.00 - 09.20 a.m.	JRG VII	Disruption of TFAP2A regulatory landscape in Branchiooculofacial syndrome (BOFS) Alvaro Rada-Iglesias - Developmental genomics - CMMC
09.20 - 09.40 a.m.	JRG VIII	Changes in 3D chromatin organization upon cellular senescence Argyris Papanonis - Systems biology of chromatin - CMMC
09.40 - 10.00 a.m.	JRG IX	How centrioles and cilia lengths are determined? Jay Gopalakrishnan - Lab. of Centrosome and Cytoskeleton Biology - CMMC
10.00 - 10.30 a.m.		Coffee break with poster presentation - foyer of the MPI for Biology of Ageing
	Chair	Gunter Schwarz – Institute for Biochemistry (Math.-Nat. Faculty)
10.30 - 10.50 a.m.	JRG assoc	Translational approaches to Muscular Dystrophy Sebahattin Cirak - Dept. of Human Genetics - CMMC
10.50 - 11.10 a.m.	JRG assoc	Non-coding determinants of cardiac regeneration Leo Kurian - Institute for Neurophysiology - CMMC
11.10 - 11.25 p.m.	CAP	Targeting tumor angiogenesis in solid tumors Roland Ullrich - Dept. I of Internal Medicine
11.25 - 11.45 a.m.	SRG	Omega 3- and -6 polyunsaturated fatty acids and the brain. Facts and fakes Wilhelm Stoffel - Laboratory of Molecular Neuroscience - CMMC
11.45 - 01.10 p.m.		Lunch with poster presentation - foyer of the MPI for Biology of Ageing
Research Area	C	Molecular mechanisms and metabolic control of tissue degeneration and regeneration
	Chair	Matthias Hammerschmidt - Cologne Biocenter
01.10 - 01.30 a.m.	C-2	Role of altered brain glucose metabolism in the pathogenesis of obesity and type 2 diabetes mellitus Alexander Jais/Jens Brüning - Center for Endocrinology, Diabetes and Preventive Medicine / MPI
01.30 - 01.50 a.m.	C-3	Regulation of cell and tissue architecture in skin homeostasis, regeneration and degeneration Carien Niessen - CECAD/Dept. of Dermatology / Paul Brinkkötter - Dept. II of Internal Medicine
01.50 - 02.10 a.m.	C-7	Extracellular microfibrillar systems in disease pathogenesis Mats Paulsson / Raimund Wagener / Gerhard Sengle - Institute for Biochemistry II
02.10 - 02.30 p.m.	C-8	Lipid droplets in neurodegenerative diseases Elena Rugarli - Institute for Zoology, CECAD Cologne
02.30 - 02.50 p.m.	C-11	Deciphering the modifying network counteracting spinal muscular atrophy and its translation into therapy Brunhilde Wirth - Institute for Human Genetics
02.50 - 03.00 p.m.		Final discussion and leave-taking Thomas Benzing - Chair, Center for Molecular Medicine Cologne