CMMC CENTER FOR MOLECULAR MEDICINE COLOGNE

CMMC Annual Retreat

February 21 - 22, 2018

CMMC Report - Short Talks - CMMC Lecture
Poster Session - Discussions - Networking

Venue
Lecture Hall
Max Planck Institute for Biology of Ageing
Joseph-Stelzmann-Str. 9b

Program

Wednesday - Feb. 21, 2018 - Part I

9.00 - 10.00 a.m.		**Meeting of the CMMC Executive Board (for members of the EC Board only)**
10.00 - 10.30 a.m.		**Welcome address** **Introduction and CMMC Progress Report (General assembly part I)** Thomas Benzing - Chair of the CMMC
Presentations		**Junior Research Groups**
Chair		**Guenter Schwarz** - Institute of Biochemistry
10.30 - 10.50 a.m.	**JRG VII**	**Topological disruption of enhancers landscapes as an etiological mechanism of human congenital disease** Alvaro Rada-Iglesias - Lab. of Developmental Genomics, CMMC
10.50 - 11.10 a.m.	**JRG IX**	**Targeting cilium checkpoint to perturb glioma stem cells proliferation** Jay Gopalakrishnan - Lab. of Centrosome and Cytoskeleton Biology, CMMC
11.10 - 11.30 a.m.	**A 6**	**Yin-Yang lncRNA yylncT acts as a gatekeeper of the mesodermal transcriptional program** Leo Kurian - Inst. for Neurophysiology / CMMC
11.30 - 12.00 p.m.		Coffee Break - with poster presentation
Research Area C		**Molecular mechanisms and metabolic control of tissue degeneration and regeneration**
Chair		**Martin Krönke** - Inst. for Med. Microbiology, Immunology and Hygiene
12.00 - 12.20 p.m.	**C 5** **CAP 1**	**Mitochondrial energetics and its contribution to podocyte function** Sebastian Brähler - RG Brinkkötter - Dept. II of Internal Medicine
12.20 - 12.40 p.m.	**C 7**	**TOR signalling in epidermal homeostasis** Sabine Eming[1] / Maria Leptin[2] - Dept. of Dermatology[1] / Institute for Genetics[2]
12.40 - 1.00 p.m.	**CAP 10**	**Molecular mechanisms of pulmonary alveolar and vascular development** Miguel A Alejandre Alcazar - Dept. of Children and Adolescent Medicine
1.00 - 2.30 p.m.		Lunch - with poster presentation
Chair		**Brunhilde Wirth** - Institute for Human Genetics
2.30 - 2.50 p.m.	**C 11**	**Investigating the roles of CSNK2B and LEF1 mutations in the etiology of Filippi syndrome and ectrodactyly ectodermal dysplasia** Muhammad Sajid Hussain[1] / Angelika A Noegel[1] / Peter Nürnberg[2] - Inst. for Biochemistry I[1] / Cologne Center for Genomics[2]
2.50 - 3.10 p.m.	**C 12**	**APEX-based proximity labeling identifies actin binding proteins as new components of primary cilia** Bernhard Schermer[1] / Max C Liebau[2] - Dept. II of Internal Medicine[1] / Dept. of Children and Adolescent Medicine[2]
3.10 - 3.30 p.m.		**General assembly part II** Thomas Benzing - Chair of the CMMC
3.30 - 3.45 p.m.		Coffee Break - with poster presentation

Wednesday - Feb. 21, 2018 - Part II

Research Area C		**Molecular mechanisms and metabolic control of tissue degeneration and regeneration**
Chair		**Carien Niessen** - CECAD
3.45 - 4.05 p.m.	**C 13**	**The mechanism of nitrite-dependent NO synthesis by sulfite oxidase** Guenter Schwarz - Institute for Biochemistry
4.05 - 4.25 p.m.	**C 14**	**Extracellular microfibrillar systems in disease pathogenesis** Gerhard Sengle / Raimund Wagner / Mats Paulsson **-** Institute for Biochemistry II
4.25 - 4.45 p.m.	**C 16**	**Unraveling the molecular and cellular mechanism underlying spinal muscular atrophy by use of genetic modifiers** Brunhilde Wirth - Institute for Human Genetics
4.45 - 5.00 p.m.		Coffee Break - with poster presentation
	Laudatio	**Thomas Benzing** - Center for Molecular Medicine
5.00 - 6.00 p.m. **Keynote Lecture**		**Senescence in cancer: Restore, prevent or eliminate?** **Clemens Schmitt** Charité Universitätsmedizin and Max-Delbrück-Center for Molecular Medicine, Berlin, DE
6.00 - 6.15 p.m.		**Change of location for the CMMC Dinner** Walking distance to the CMMC Research Building 5 min.
from 6.15 p.m.		**CMMC Dinner** **starting with a Welcome Reception followed by the CMMC Dinner Buffet** **Location: CMMC Research Building - Robert-Koch-Str. 21**

CMMC RESEARCH FOR HEALTH

Thursday - Feb. 22, 2017

Research Area A		**Mechanisms of tumor development: intrinsic and extrinsic control of cell proliferation and tissue invasion**
Chair		**Mirka Uhlirova** - CECAD
9.00 - 9.20 a.m.	**JRG VIII**	**Impact of a rare progeroid syndrome onto genomic structure and function** Argyris Papantonis - Lab. of Systems Biology of Chromatin, CMMC
9.20 - 9.40 a.m.	**A 10**	**Epigenetic mechanisms of genomic instability and therapy resistance in cancer** Michal-Ruth Schweiger - Lab. for Epigenetics and Tumorgenetics
9.40 - 10.00 a.m.	**A 4**	**The multiple facets of the type II transmembrane serine protease ST14 and hypotonic stress during carcinogenesis in fish and mammals** Matthias Hammerschmidt - Institute for Zoology
10.00 - 10.20 a.m.		Coffee Break - with poster presentation
Chair		**Catherin Niemann** - Inst. for Biochemistry I
10.20 - 10.40 a.m.	**A 9**	**Modeling Myd88-driven lymphoma** Gero Knittel[1] / Martin Peifer[2] - Dept. I for Internal Medicine[1] / Dept. of Translational Genomics[2]
10.40 - 11.00 a.m.	**A 1**	**The multifaceted function of the lysine-specific histone demethylase 1 in lung cancer** Margarethe Odenthal / Reinhard Büttner **-** Institute for Pathology
11.00 - 11.20 p.m.	**B 1**	**Metabolic addiction and reprogramming of an anti-tumor T cell response** Hinrich Abken - Dept. I of Internal Medicine
11.20 - 11.40 a.m.		Coffee Break - with poster presentation
Research Area B		**Principles of immunity, inflammation and infection**
Chair		**Olaf Utermöhlen** - IMMIH **/ Argyis Papantonis** - CMMC
11.40 -12.00 a.m.	**Assoc. RG**	**Building a pipeline for the identification of new broadly neutralizing antibodies against HIV-1** Philipp Schommers - RG Klein - Institute for Virology
12.00 - 12.20 p.m.	**B 2**	**Inflammatory pathways propagating ventricular arrhythmia - the role of myeloperoxidase for postischemic pro-arrhythmic remodeling** Stephan Baldus / Martin Mollenhauer / Volker Rudolph - Dept. III of Internal Medicine
12.20 - 12.40 p.m.	**CAP 12**	**Tumor-specific endogenous immune response in esophago-gastric adenocarcinoma** Hans A Schlösser - Department of General, Visceral and Cancer Surgery
12.40 - 1.00 p.m.		**Final discussion and leave-taking** Thomas Benzing - Chair

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