CMMC CENTER FOR MOLECULAR MEDICINE COLOGNE

CMMC ANNUAL RETREAT

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Feb. 21 - 22, 2018

Overview Poster Session

No.	Title of the poster - 1st author in alphabetical order - Research Group - Institution
P 01	**The functional and therapeutic significance of activated telomerase in neuroblastoma** **Ackermann, Justus** RG Matthias Fischer - Dept. of Children and Adolescent Medicine
P 02	**Combined oncogenic and tumor-suppressive effects of the transmembrane protease Matriptase1 in the zebrafish epidermis** **Amistead, Joy** RG Matthias Hammerschmidt - Institute of Zoology
P 03	**Molecular and functional characterization of an enhancer harboring non-coding genetic variants assoc** **Bartusel, Michaela** RG Alvaro Rada-Iglesias - CMMC
P 04	**Mutations in Plasmalemma Vesicle Associated Protein - PLVAP cause severe syndromic protein-losing enteropathy** **Becker, Kerstin** RG Sebahattin Cirak - Dept. of Pediatrics / CMMC
P 05	**Mechanism of nitrite reduction by sulfite oxidase** **Bender, Daniel** RG Guenter Schwarz - Inst. for Biochemistry
P 06	**Exploring native forces to capture chromosome conformation in non-crosslinked eukaryotic nuclei** **Brant, Lilja** RG Argyris Papantonis - CMMC
P 07	**Glucocorticoids promote intrinsic human Th17 differentiation** **De Castro Kroner, Juliana** RG Mario Fabri - Dept. of Dermatology
P 08	**The role of TOR pathway components in skin function** **Ding, Xialoei** RG Sabine Eming - Dept. of Dermatology
CF 1	**CECAD/CMMC Proteomics Core Facility** **Frese, Christian / Müller, Stefan** Head Marcus Krüger - CECAD Cologne
P 09	**Mechanisms of stem cell apoptosis in epidermal regeneration and disease** **Geueke, Anna** RG Catherin Niemann - Inst. for Biochemistry II / CMMC
P 10	**Corticosteroids potently abrogate RIPK1-independent necrosis induced by Mycobacterium tuberculosis – implications for host-directed therapies** **Gräb, Jessica** RG Jan Rybniker - Dept. I of Internal Medicine
P 11	**Microenvironmental regulation of muscle homeostasis by supramolecular collagen VI and fibrillin-2 networks** **Hildebrandt, Katrin** G Gerhard Sengle - Inst. for Biochemistry II
P 12	**Cell-autonomous responses towards Adeno-Associated Viral (AAV) vectors in the liver** **Hösel, Marianna** RG Hildegard Büning - Dept. I of Internal Medicine / CMMC

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P 13	**CHP1 reduction ameliorates SMA pathology by restoring DNM1 hyper-phosphorylation and endocytosis** **Janzen, Eva** RG Brunhilde Wirth - Inst. of Human Genetics
P 14	**Sulfite oxidase-dependent nitric oxide synthesis: Mechanism and in vivo relevance** **Kaczmarek, Alexander** RG Guenter Schwarz - Inst. Biochemistry
P 15	**Deciphering the mechanistic action of LYN kinase in CLL tumor microenvironment** **Koch, Maximilian/vom Stein, Alexander** RG Hallek/Nguyen - Dept. I of Internal Medicine
P 16	**A novel pathomechanism for Branchio-Oculo-Facial Syndrome (BOFS) and other human neurocristopathies** **Laugsch, Magdalena** RG Alvaro Rada-Iglesias - CMMC
CF 2	**Comparative Medicine** **Mahabir-Brenner, Esther** Head Core Facility - CMMC
CF 3	**Microscopy Facility** **Mariappan, Arul** Core Facility - Head Jay Gopalakrishnan - CMMC
P 17	**Loss of the tumor suppressor protein FLCN-1 does not lead to overt ciliary defects in the nematode** **Mishra, Tripti** RG Thomas Benzing - Dept. II of Internal Medicine / CMMC
P 18	**Functional role of Krüppel-like Factor 4 (Klf4) in normal and aberrant alveolarization** **Mohr, Jasmine** RG Miguel Alejandre Alcazar - Dept. of Pediatrics
P 19	**Molecular mechanisms of myeloperoxidase mediated arrhythmogenesis** **Mollenhauer, Martin** RG Stephan Baldus - Dept. III of Internal Medicine
CF 4	**Tissue Embedding and Histology** **Nelles, Melanie** Head Core Facility - Catherin Niemann - CMMC
P 20	**Skin Cancer Prevention Training in elementary schools: Increasing the awareness towards UV-radiation** **Niels, Timo** “Die Sonne und Wir“ - Public Outreach - Skin Cancer Prevention Project - Debora Grosskopf-Kroiher / Cornelia Mauch - CMMC and Dept. of Dermatology
P 21	**Effects of aging on circadian transcriptional dynamics in mice** **Papadakis, Antonis** RG Andreas Beyer - CECAD Cologne
CF 5	**Central Cell Sorting** **Rappl, Gunther** Head Core Facility - Hinrich Abken - CMMC

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P 22	**Embryonic loss of HCN/h-channel function in mouse forebrain results in impaired neural progenitor proliferation and microencephaly** **Schlusche, Anna Katharina** RG Dirk Isbrandt - Inst. for Molecular and Behavioural Neuroscience
P 23	**Identification and characterization of spinal muscular atrophy modifiers** **Schneider, Svenja** RG Brunhilde Wirth - Inst. of Human Genetics
P 24	**Cutting through the tumor complexity: Role of splicing in epithelial homeostasis and tumorigenesis** **Stankovic, Dimitrije** RG Mirka Uhlirova - Inst. for Genetics / CECAD Cologne
P 25	**Combinatorial ASO therapy using SMN-dependent and SMN-independent protection (NCALD reduction) again** **Torres Benito, Laura** RG Brunhilde Wirth - Inst. of Human Genetics
P 26	**Analysis of structural variations in DNA from WES/WGS negative patients with atypical haemolytic uraemic syndrome** **Tschernoster, Nikolai** RG Janine Altmüller - Cologne Center for Genomics
P 27	**The impact of the TCL1 oncogene on the proficiency of ATM/p53-mediated DNA damage responses in CLL** **Vasyutina, Elena** RG Marco Herling - Dept. I of Internal Medicine
P 28	**Common determinants of global 3d chromatine reorganization upon senescence of different primary human cells: a link to SASP** **Zirkel, Anne** RG Argyris Papantonis - CMMC
P 29	**Epigenetic mechanisms of perocentromeric satellite-RNA expression and its association to malignant transformation** **Hussong, Michelle** RG Michael-Ruth Schweiger – CMMC Lab. for Translational Epigenetics and Tumor
P 30	**Loss of IL-6 preserves surfactant protein expression and enables lung growth in newborn mice exposed to prolonged hyperoxia** **Hirani, Dharmesh** RG Miguel Alejandre Alcazar - Dept. of Pediatrics
P 31	**The Multifaceted Role of LSD1 in Lung Adenocarcinoma – Implications for a Novel Therapeutic Option?** **Iris F. Macheleidt** RG Reinhard Büttner / Margarete Odenthal - Institute for Pathology
P 32	**Manipulation of CLPP protease to complement mitochondrial respiratory deficiency** **Anastasia Rumyantseva** RG Aleksandra Trifunovic – CMMC / CECAD Cologne
P 33	**The epidermal polarity protein Par3 is a non – cell autonomous suppressor of malignant melanoma** **Sina K Knapp** RG Aleksandra Trifunovic – CMMC / CECAD Cologne

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P 34	**Regulation of cell and tissue architecture in skin homeostasis, regeneration and degeneration** **Carien M Niessen** Dept. of Dermatology / CECAD Cologne
P 35	**Shorter Phosphorodiamidate Morpholino Antisense Oligonucleotides (PMO-AONs) in higher Doses May Increase Exon Skipping Efficacy in Duchenne Muscular Dystrophy Patients** **Ugur Akpulat** RG Cirak - Dept. of Children and Adolescent Medicine / CMMC

The Program of the CMMC Annual Retreat
February 21 - 22, 2018 for download

Venue
Foyer of the Max Planck Institute for Biology of Ageing
Joseph-Stelzmann Str. 9b

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