



Genetics and Cell Biology

Annual Meeting

05.-06.12.2016

DJH Aachen



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Program Monday 5th of December

11:00 – 12:00	Arrival and Check-in
12:00 – 12:45	Welcome and Lunch
12:55 – 13:00	Introductory Speech
	Manuela Kirsch , BIOME Core speaker
13:00 – 13:20	Generation of hematopoietic stem and progenitor cells from human pluripotent stem cells <i>in vitro</i>
	Martina Cremanns Institute of Transfusion Medicine, UK Essen
13:20 – 13:40	Molecular mechanisms of initiation of DNA replication in vertebrates.
	Bilal Tetik Centre for Medical Biotechnology, Molecular Genetics II, Campus Essen
13:40 – 14:00	Regulation of replication initiation by novel interactors of the Treslin-MTBP-TopBP1 regulation hub
	Kerstin Köhler Centre for Medical Biotechnology, Molecular Genetics II, Campus Essen
14:00 – 14:20	Phosphoregulation of the CCAN protein complex at the budding yeast kinetochore
	Miriam Lutomski Centre for Medical Biotechnology, Molecular Genetics I, Campus Essen
14:20 – 14:45	Coffee Break
14:45 – 15:45	Epigenetic Changes in Aging and Replicative Senescence
	Prof. Dr. Wolfgang Wagner RWTH Aachen
15:45 – 16:00	Break
16:00 – 17:00	CRISPR associated protein 9 (Cas9): from bacterial immunity to genome editing
	Dr. Arnaud Rondelet Max Planck Institute for Molecular Physiology, Dortmund
18:00 – 19:30	Dinner at the Aachener Ratskeller
19:30 – 21:00	Visit of the Christmas market



Program Tuesday 6th of December

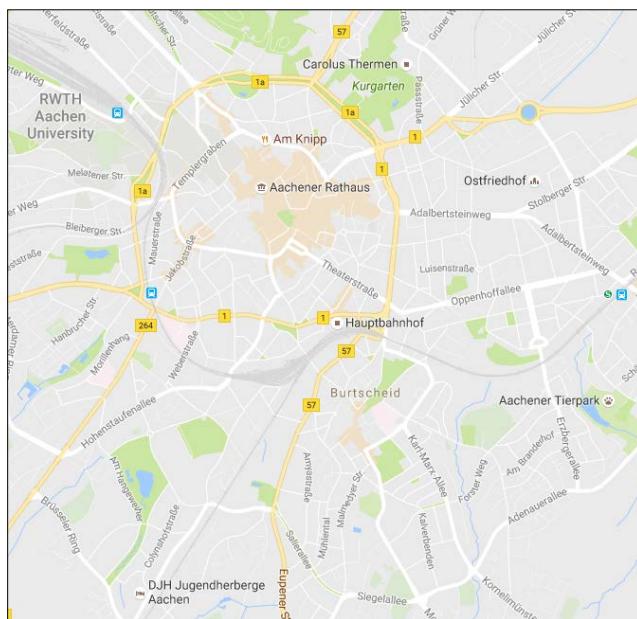
8:00 – 9:00	Breakfast and Check-out
9:10 – 9:30	Misregulation of Replication Initiation might lead to genomic instability
	Verena Höfer Centre for Medical Biotechnology, Molecular Genetics II, Campus Essen
9:30 – 9:50	CCN3 promotes trophoblast invasion in the human placenta – Dysfunction of CCN3 cause placental pathologies?
	Manuela Kirsch Gynaecology & Obstetrics, UK Essen
9:50 – 10:10	Characterization of the Taspase1 target USF2
	Christina Heiselmayer Centre for Medical Biotechnology, Molecular Biology II, Campus Essen
10:10 – 10:20	Break
10:20 – 10:40	Mechanisms of kinetochore transport by molecular motors
	Nikolay Kornakov Centre for Medical Biotechnology, Molecular Genetics I, Campus Essen
10:40 – 11:00	Virulence of the black yeast-like fungus <i>Exophiala dermatitidis</i> – <i>Galleria mellonella</i> as a host organism for studying virulence of <i>E. dermatitidis</i>
	Maike Olsowski Medical Microbiology, UK Essen
11:00 – 11:20	Physiological aging process of the retinal pigment epithelium
	Karina Hudek Ophthalmology Clinic, UK Essen
11:20 – 11:30	Break
11:30 – 11:50	Regulation of chondrocyte differentiation – Influence of Atoh8
	Nadine Schröder Centre for Medical Biotechnology, Developmental Biology, Campus Essen
11:50 – 12:10	Non-canonical thyroid hormone action in Vascular Smooth Muscle Cells (VSMC)
	Daniela Geist Clinic for Endocrinology, UK Essen
12:10 – 13:10	Lunch



13:10 – 13:30	Heparan Sulfates as Regulators of Articular Cartilage Maintenance Ann-Christine Severmann Centre for Medical Biotechnology, Developmental Biology, Campus Essen
13:30 – 13:50	Coffee Break
13:50 – 14:50	Chips and ChIP for genome wide approaches of gene expression and chromatin Prof. Dr. Martin Zenke RWTH Aachen
14:50	Closing Speech and award ceremony Manuela Kirsch , Biome Core speaker



Venue



Youth Hostel Aachen
EU-Regional Guesthouse
Maria-Theresia-Allee 260
52074 Aachen
phone: +49 241 71101-0
fax: +49 241 71101-20
aachen@jugendherberge.de

