

Programme

9.15-9.30	<i>Opening remarks</i>	13.00-13.45	<i>Poster session I</i>	15.50-16.10	Regulation of replication initiation by novel interactors of the Treslin-MTBP-TopBP1 regulation hub
9.30-10.20	Human iPS cells as tools for studying hepatogenesis and Non Alcoholic Fatty Liver Disease	13.45-14.35	Optogenetic control of GPCR pathways in mouse brain		Kerstin Köhler Molecular Genetics II, Uni Essen
	Prof. Dr. James Adjaye Institute for Stem Cell Research and Regenerative Medicine, Heinrich-Heine-University, Düsseldorf		Prof. Dr. Stefan Herlitze Department of General Zoology and Neurobiology, Ruhr University Bochum	16.10-17.00	Polymeric nanocarriers: crossing barriers on the microscale for intracellular processing
10.20-10.40	Enrichment and Molecular Characterization of Epithelial Stem Cells of the Human Cornea	14.35-14.55	DNA methylation analysis of imprinted loci in iPSCs derived from an Angelman syndrome patient		PD Dr. Volker Mailänder Medical Clinic III, Johannes-Gutenberg-University, Mainz
	Hannah de Oliveira Kessler Transfusion Medicine, UK Essen		Jana Stanurova Human Genetics, UK Essen	17.00-17.15	<i>Closing remarks</i>
10.40-11.00	Functional interplay between Cdc48/p97 and protein phosphatase-1	14.55-15.15	Neural progenitor development, <i>in vitro</i>, from iPSCs generated from an Angelman Syndrome patient carrying a defined mutation in <i>UBE3A</i>	17.15-18.00	<i>Poster session II</i>
	Jonas Seiler Molecular Biology I, Uni Essen		Anika Neureiter Transfusion Medicine, UK Essen	18.00-21.00	<i>Dinner</i>
11.00-11.15	<i>Coffee break</i>	15.15-15.30	<i>Coffee break</i>		
11.15-12.05	Regulation of microtubule instability towards ensuring genome stability	15.30-15.50	Sugar and Bone - Heparan Sulfates and Embryonic Development		
	Dr. Alexander Bird MPI of Molecular Physiology, Dortmund		Ann-Christine Severmann Developmental Biology, Uni Essen		
12.05-13.00	<i>Lunch</i>				

Poster session I

Christina Heiselmayer, Molecular Biology II, Uni Essen

Functional and molecular characterization of the protease
Taspase1

Manuela Kirsch, Gynaecology & Obstetrics, UK Essen

CCN3 signaling drives human trophoblasts into senescence
and alters migration properties

Lisa Marie Krieger, Medical Radiation Biology, UK Essen

The role of chromatin structure on the repair of DNA double strand
breaks by alternative end joining

Helena Rakov, Endocrinology and Metabolism, UK Essen

Thyroid hormone influence on lipid metabolism
in brown adipose tissue and liver of male and female
mice

Symone Vitoriano, Transfusion Medicine, UK Essen

Impact of "HSC expansion" cocktails on the cell fate of human
multipotent hematopoietic cells

Venue

Unperfekthaus Essen

Friedrich-Ebert-Straße 18
45127 Essen



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We thank the external speakers for accepting
our invitation and participating in our retreat.

Poster session II

Kira Kleszka, Physiology, UK Essen

The influence of Hypoxia-inducible factor 2 on the development
of neural stem cells

Dana Künzl, Paediatrics II, UK Essen

Off-target effects of Rituximab on human podocytes involve
mechanisms of apoptosis inhibition, adhesion
and cytoskeleton stabilization

Maike Olsowski, Medical Microbiology, UK Essen

Investigation of *Exophiala dermatitidis* biofilm formation

Nadine Schröder, Developmental Biology, Uni Essen

Transcriptional regulation of chondrocyte differentiation
by Atoh8

Maike Stegen, Anaesthesiology, UK Essen

Investigation of the essential regulatory mechanisms of GRK6
expression and its possible significance in hyperalgesia
and inflammation