



# Genetics and Cell Biology

Annual Meeting

25.11.2019

## Program Monday 25<sup>th</sup> of November

09:00-09:25	Arrival
09:25-09:30	<b>Introductory Speech</b> Camilla Wilk, Jana Quentin
09:30-09:45	<b>Rebekka Vogtmann</b> Overexpression of human sFLT1 mimics the hypertensive pregnancy disorder preeclampsia in transgenic mice
09:45-10:00	<b>Rongde Zhong</b> The mechanism of the chemo-resistant and the novel therapeutic strategy in glioblastoma
10:00-10:15	<b>Jessica Wagner</b> Investigation of the role of global and local actin contractions in tumor-related dynamic cell behaviour by optogenetic manipulation of Rho GTPase-based signaling pathways
10:15-10:30	<b>Short coffee break</b>
10:30-11:30	<b>Guest speaker: Dr. Johannes Koch, ICCE Essen, Topic: Microscope data – how are they analyzed?</b>
11:30-13:00	<b>Lunch</b>
<b>13:00-14:00</b>	<b>Walk to the Heissiwald-social networking</b>
14:00-14:15	<b>Leonard Quiring</b> Reconditioning for organ transplantation: Temperature-dependence of re-fusion of mitochondria fragmented after cold incubation
14:15-14:30	<b>Dhanusha Schwan</b> Analysis of mitochondrial structures after cold incubation
14:30-14:45	<b>Nicole Barwinski</b> Cell-free DNA (cfDNA) and Extracellular Vesicles (EVs): Diagnostic biomarkers for early detection of Second Primary Malignancies (SPMs) in patients with heritable retinoblastoma
14:45-15:15	<b>Break</b>



15:15-15:45	<b>Poster presentation</b> Camilla Wilk, Jana Quentin, Janina Levermann
15:45-16:15	<b>Coffee break</b>
16:15-16:30	<b>Marvin Dorste</b> Comparison of EV isolation methods from urine for biomarker analysis in renal disease
16:30-16:45	<b>Huaping Xiao</b> The role of DNA-PKcs in checkpoint control and resection in the G2-phase of the cell cycle: comparison with other components of c-NHEJ apparatus
16:45-17:00	<b>Leon Jekel</b> Modelling the impact of N-terminal missense mutations in EIF1AX on the protein profile in uveal melanoma
17:00-17:15	<b>Short break</b>
17:15-17:45	<b>Poster presentation</b> Pascal Lambertz, Ronja Schirrmann, Irina Kube
17:45-18:15	<b>Poster/talk prizes</b> and end of the retreat
19:00-open end	<b>Dinner</b> at La Piazzetta da Mario