

Program BIOME Meeting

9.30-10.00 Registration
10.00 Opening remarks

FIRST SESSION

(Chair: André Görgens)

10.05-10.50 KEYNOTE LECTURE
Nathan Brady, DKFZ Heidelberg
"Mechanisms and functional consequences of mitochondrial autophagy"

10.50-11.10 André Görgens – "Organization of cell polarity in human hematopoietic stem and progenitor cells"

11.10-11.30 Annika Eiteneuer – "Regulation of the PP1/Sds22 complex by the PP1 adapter protein Inh3 in mitosis"

11.30-12.00 *Coffee break*

12.00-12.20 Rouven Hecht – "IAP crosstalk in apoptosis"

12.20-12.40 Philipp Kirchner – "P97 as a regulator for intracellular protein trafficking and signaling"

12.40-13.00 Vera Schwarz – "Towards a new mechanistic understanding of a protein activity biosensor"

13.00-14.00 *Lunch break*

14.00-15.00 *Poster Session*

SECOND SESSION

(Chair: Philipp Kirchner)

15.00-15.45 KEYNOTE LECTURE
Martin Hasselmann, Universität zu Köln
"The need for being different: Lessons from the sex determination system of honey bees"

15.45-16.05 Linda van den Berg – "Experimental neuro-oncogenesis in the rat: Identification of genes modifying cancer risk in a sex-specific manner"

16.05-16.25	Tanja Vieregge – “Novel posttranslational modifications on the histone variant H2A.Z”
16.25-17.00	<i>Coffee break</i>
17.00-17.20	Anna-Lena Volckmar – “Contribution of chr16p11.2 to obesity”
17.20-17.40	Katja Jochmann – “Heparan sulfates and osteoarthritis”
18.15	<i>Dinner</i>

Poster:

- 1) Nadja Knoll – “Mitochondrial influence on obesity”
- 2) Anna-Kristin Ludwig – “Functional characterization of the small GTPase Rab7 in hematopoietic stem and progenitor cells”
- 3) Simon Magin – “Evidence for inhibition of homologous recombination repair by the nucleoside analogue β -ara-A
- 4) Christian Reiter – “Genome-wide histone acetylation in *Saccharomyces cerevisiae*”
- 5) Velina Bachvarova – “Interactions of Heparan sulphate with growth factors”
- 6) Kirsten Janke – “Factor inhibiting HIF-1 modulates protein interaction of ASPP2”
- 7) Nadine Teichweyde – “Ectopic HOXB4 expression inhibits mesoderm specification but enhances hematopoiesis at the hemogenic endothelium stage”
- 8) Sarah Tillmann – “Regulation of Survivin by interdependent phosphorylation”
- 9) Abdullah Dauood – “Characterization of an unknown endocytobiont which multiplies inside free-living amoeba”
- 10) Nina Schulze – “The formin FHOD1 is critical for transversal arc generation and maturation in U2OS cells”
- 11) Antje Zickler – “Identification of gene dosage dependent tumor suppressor genes in myeloid malignancies”