

BIOME Core: Genetics & Cell Biology

Schedule Retreat I 2021 (2020)

Location: Zoom (link via mail)

Time: 22.06.2021 9:30 – 15.25 h

Format: Progress Reports 15 min + 5 min Discussion

9:30 – 09:45 h Welcoming

09:45 – 10:05 h Nicole Barwinski: “Analysis of extracellular vesicles in blood for the characterization of diagnostic biomarkers of cancer in patients with heritable retinoblastoma”

10:05 – 10:25 h Savina Abraham-Pol: “Characteristics of Golgi stress response”

10:25 – 10:45 h Theo Marteu: “The unfolded protein response in myotonic dystrophy type 1”

10:45 – 11:05 h Jon Christiansen: “Identification of marker proteins for anoctamin-5-related muscular disorders

11:05 – 11:15 h Break

11:15 – 12:00 h Dr. Christos Gatsogiannis: “Mechanisms of peroxisomal protein import and the structure of pore-forming neurotoxins”

12:00 – 12:20 h Nils Dieckmann: “Evaluation of predictive genomic markers in soft tissue sarcomas”

12:20 – 12:40 h Jessica Wagner: “Optogenetic manipulation of cell contraction signal network dynamics in tumors”

12:40 – 13:00 h Yanjie Sun: “Contributions of Skp2 to the DNA damage response (DDR)”

13:00 – 13:30 h Lunch Break

13:30 – 13:50 Mathias Menzel: “Differentiation of Pluripotent Stem Cells towards Blood Stem and Progenitor Cells directed by HOX Transcription Factors”

13:50 – 14:10 Razan Hessenow: “Impact of radiation quality (photons vs protons) on molecular and cellular responses”

14:10 – 14:25 h Break

14:25 – 14:45 Kristina Mrug: “Crosstalk of GEF-H1 and Ect-2 during the cell cycle”

14:45 – 15:05 Roman Rupp: “EVs as functional modifiers of sperm function and motility”

15:05 – 15:25 Rongde Zhong: “The mechanism of the chemo-resistant and the novel therapeutic strategy in glioblastoma”