

Summer Semester 2021

Lecture Series in the Focal Point Programme 'Biochemistry of Stem Cells' (185890)

2 hours **Fridays at 13:15, Zoom**, credits: 5
also part of the module "Stem cell lecture series" of the study course
"Molecular and Developmental Stem Cell Biology", second semester

- 16.04.: R. Heumann: "Intracellular signalling in stem cells"
- 23.04.: S. Wiese: "Epigenetics – changes of histone acetylation and DNA methylation over life time"
- 30.04.:
- 07.05.: B. Brand-Saberi: "Muscle stem cells and myogenesis"
- 21.05.: L. Dehmelt: "Mechanosensation in stem cell differentiation "
- 28.05. ***Pfingstferien***
- 04.06.: B. Thakur: "Extracellular vesicles as a novel biomarker in monitoring clonal evolution of cancer stem cells"
- 11.06.: H. Bühler: "Cancer stem cells"
- 18.06.: T. Dittmar: "Cell migration in cancer"
- 25.06.: T. Müller: "HiPSC derived cerebral organoids to study neurodegenerative diseases"
- 02.07.: A. Faissner: "Molecular structure and function of the stem cell niche"
- 09.07.: J. Greiner: "Adult neural crest-derived stem cells - Sources, developmental potential and clinical applications"
- 16.07.: K. Pfannkuche: "Stem cell-derived cardiomyocytes for cardiac cell replacement therapy."
- 23.07.: H. Zähres: "Induction of pluripotent stem cells"

26.07. Exam from 9.00 – 11.00 HMA40
24.09. Retake Exam from 9.00 – 11.00 HMA40

authorized by Prof. Beate Brand-Saberi and PD Holm Zähres