

Lecture Stem Cell Biology



SS 18, Wed 17.30 - 19.00; Room EG. 612 LIFE & BRAIN, weekly

Coordinator: Prof. Dr. Oliver Brüstle

Institute for Reconstructive Neurobiology

Phone: 0228-6885-500

Email: r.neuro@uni-bonn.de

<http://www.stemcells.uni-bonn.de>

This lecture is accepted for (number of lecture):

1. Bachelor of Science Molecular Medicine (401042101)
2. Wahlfach I Medizin, Vorklinik (401042102)
3. Other bachelor programs e.g. Bachelor of Science Biology (401042101)

Exam modalities:

For Bachelor students: Written exam on the 16.07.18, makeup exam 26.03.18

For medical students: oral presentation, date will be determined in consultation with the students

Assessment in accordance with the examination regulations

Preliminary discussion: 09.04.18, 17.15, room EG. 612 LIFE & BRAIN building

For further information please contact Dr. Tanja Schmandt, Email: schmandt@uni-bonn.de

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Preliminary program:

- 09.04.18 Kick-off & Pluripotent Stem Cells and Reprogramming (Michael Peitz)
- 16.04.18 Direct Cell Fate Conversion (Chao Sheng)
- 23.04.18 Neural Stem Cells (Oliver Brüstle)
- 30.04.18 Genome Editing and Disease Modeling (Michael Peitz)
- 07.05.18 Self-Organisation und Organoids (to be announced)
- 14.05.18 Lineage Decisions in the Early Embryo (Hubert Schorle)
- 21.05.18 Pfingstferien – vorlesungsfrei
- 28.05.18 Germ Cells (Hubert Schorle)
- 04.06.18 Hematopoietic Stem Cells (Dominik Wolf)
- 11.06.18 Tumor Stem Cells (Andreas Till)
- 18.06.18 Stem Cells and Cardiovascular Repair (Martin Breitbach)
- 25.06.18 Stem Cells in Ophthalmology (Tim Krohne)
- 02.07.18 Stem Cells in the Digestive Tract (Andreas Till)
- 09.07.18 Chances and Risks of Stem Cell Research: Ethical Aspects (Michael Fuchs)
- 16.07.18 1. Exam (17:30 h, großer Seminarraum)
- 26.09.18 2. Exam (10 h, großer Seminarraum)