

Lecture Series Stem Cell Biology

SS 23, Mon 17.30 - 19.00; EG Room 612/76 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)

Molecular Biomedicine Coordination Office

Phone: 0228-737626

Email: molbiomed@uni-bonn.de

2. Wahlfach I Medizin, Vorklinik (401042102)

Studiengang Humanmedizin, Vorklinik

Phone: 0228-287-15851

Email: studiendekanat@ukbonn.de

3. Other bachelor programs e.g. Bachelor of Science Biology (401042101)

Gast students are warmly welcomed!

Exam modalities:

For Bachelor Students: First written exam on 10.07.23, makeup exam to be announced.

For Medical Students: Graded oral presentation of a recent high-impact publication

Date group 1: to be announced

Date group 2: to be announced

Assessment in accordance with the examination regulations

Preliminary discussion: 03.04.23, 17.30

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

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Preliminary program:

- 03.04.23 Kick-off & Pluripotent Stem Cells and Reprogramming (Michael Peitz)
- 10.04.23 Ostermontag – no lecture
- 17.04.23 The Role of Transcription Factors in Stem Cell Specification (Sandra Blaess and Lea Flitsch)
- 24.04.23 Neural Stem Cells (Oliver Brüstle)
- 01.05.23 Tag der Arbeit – no lecture
- 08.05.23 Genome Editing and Disease Modeling (Michael Peitz)
- 15.05.23 Direct Cell Fate Conversion (Lea Flitsch)
- 22.05.23 Self-Organisation und 3D Cultures (Christina Au Yeung)
- 29.05.23 Pfingstferien – no lecture
- 05.06.23 Using Stem Cell Paradigms to Unravel Early Lineage Decisions (Hubert Schorle)
- 12.06.23 Germ Cells (Lena Arévalo)
- 19.06.23 Stem Cells in Ophthalmology (Volker Buskamp)
- 26.06.23 Stem Cells and Cardiovascular Repair (Wilhelm Röhl)
- 03.07.23 Stem Cells and Neural Crest (Pascal Röderer)

Written exam Bachelor students

- 10.07.23 1. Exam: 17:30 h
- xx.xx.23 2. Exam: to be announced

Exam medical students

Graded oral presentation of a recent high-impact publication

Date group 1: to be announced

Date group 2: to be announced