

Lecture Series Stem Cell Biology

SS 24, 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 15.07.24, make-up exam 16.09.24

Only limited student number (20), **on first come, first served basis, registration via schmandt@uni-bonn.de**

For Medical Students: Graded oral presentation of a recent high-impact publication, preliminary exam dates: to be announced, possible make-up exam dates (only if necessary): to be announced

Only limited student number (10), **registration via Basis.**

Assessment in accordance with the examination regulations

Preliminary discussion: 08.04.24, 17.30

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

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Preliminary Program:

08.04.24 Kick-off & Pluripotent Stem Cells and Reprogramming (Michael Peitz)

15.04.24 The Role of Transcription Factors in Stem Cell Specification (Sandra Blaess and Lea Berg)

22.04.24 Direct Cell Fate Conversion (Lea Berg)

29.04.24 Neural Stem Cells (Oliver Brüstle)

06.05.24 Genome Editing and Disease Modeling (Michael Peitz)

13.05.24 Self-Organisation und 3D Cultures (Clara Hayn)

20.05.24 Pfingstferien – no lecture

27.05.24 Stem Cells and Neural Crest (Pascal Röderer)

03.06.24 Germ Cells (Hubert Schorle)

10.06.24 Stem Cells in Ophthalmology (Volker Buskamp)

17.06.24 Stem Cells and Cardiovascular Repair (Wilhelm Röhl)

24.06.24 Chances and Risks of Stem Cell Research: Ethical Aspects (Michael Fuchs)

01.07.24 Tumor Stem Cells (Andreas Till)

08.07.24 No lecture

15.07.24 1. Exam date Bachelor students

16.09.24 2. Exam date Bachelor students

Written exam Bachelor students

Mon 15.07.24 1. Exam: 17:30 h (seminar room L&B 612/76)

Mon 16.09.24 2. Exam: 10:00 h (seminar room L&B 612/76)

Exams medical students (to be confirmed)

Graded oral presentation of a recent high-impact publication

To be announced

Possible make-up exam medical students (only if necessary):

To be announced