

Lecture Series Stem Cell Biology

SS 25, Mon 17.30 - 19.00; EG Room 612/76, weekly

Coordinator: Prof. Dr. Oliver Brüstle

Institute for Reconstructive Neurobiology

Phone: 0228-6885-500

Email: schmandt@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 14.07.25, make-up exam 15.09.25

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, exam dates:

30.06.25, make-up exam date (only if necessary): 14.07.25

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

Assessment in accordance with the examination regulations

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

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Final Program:

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

14.04.25 The Role of Transcription Factors in Developmental Cell Specification
(Sandra Blaess)

21.04.25 Ostermontag – no lecture

28.04.25 Germ Cells (Hubert Schorle)

05.05.25 Transcription Factor Based Cell Programming (Jasmin Aicher)

12.05.25 Neural Stem Cells (Oliver Brüstle)

19.05.25 Genome Editing and Disease Modeling (Michael Peitz)

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

02.06.25 Stem Cell Based Cancer Models in the CNS (Polina Oberst)

09.06.25 Pfingstferien – no lecture

16.06.25 Stem Cells and Cardiovascular Repair (Wilhelm Röhl)

23.06.25 Stem Cells in Ophthalmology (Volker Busskamp)

30.06.25 Exam medical students – no lecture

07.07.25 Stem Cells and Neural Crest (Christian Felski)

14.07.25 Exam bachelor and medical students – no lecture

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

30.06.25 1. Exam date medical students (seminar room 612/76); 14:30 – 19:00 h

14.07.25 2. Make-up exam date (seminar room 612/76); 14:30 – 17:00 h

Bachelor students: Written exam

14.07.25 1. Exam: 17:30 h (seminar room 612/76)

15.09.25 2. Make-up exam: 11:00 h (seminar room 4th floor/76)