

Lecture Series Developmental Neurobiology, Stem Cells and Disease

SS 23, Wed 17.15 - 18.45; 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 series is offered as hybrid. However, we reserve the right to switch to face-to-face lectures if no students show up in person to the lectures or if there is no interaction between lecturers and students due to the chosen format. Therefore, please only register for the course if you are able to attend the lecture (mainly) in presence.

This lecture is accepted for (number of lecture):

1. Master of Neuroscience, part of modul WPM7 (403042101)

Coordination - M.Sc. Program, Dr. Silke Künzel

Phone: 0228-287-11837

Email: Silke.Kuenzel@ukbonn.de

2. Master of Medical Immunosciences and Infection, modul MedImmun-12 (403042101)

Coordination - M.Sc. Program, Dr. Cornelia Hömig-Hölzel

Phone: 0228-287-51289

Email: medimmun@uni-bonn.de

3. Wahlfach I Medizin (4401042103)

Studiengang Humanmedizin, Vorklinik

Phone: 0228-287-15851

Email: studiendekanat@ukbonn.de

4. Other master programs e.g. Master of Molecular Cell Biology

Exam modalities:

For Medical Students: Graded oral presentation of a recent high-impact publication, exam date: **28.06.23**, from 9-13:30 h

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

For MSc Neurosci Students: Graded oral presentation of results at the end of the practical course WPM 7

For all other Master/Bachelor Students: Recognition as a guest student is always possible, graded oral examination upon request. Exam date: **05.07.23**, from 9-13:30 h

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

Assessment in accordance with the examination regulations.

Preliminary discussion: 05.04.23, 17.15 h.

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

Lecture Series Developmental Neurobiology, Stem Cells and Disease

SS 23, Wed 17.15 - 18.45; 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>

Final Program:

- 05.04.23 Kick-off & From Neurulation to Early Patterning of the Nervous System (Sandra Blaess)
- 12.04.23 Fate Instruction and Regional Determination (Sandra Blaess)
- 19.04.23 Stem Cells in the Adult Brain (Hideaki Matsumura)
- 26.04.23 Molecular and Cellular Aspects of Cortical Development (Oliver Brüstle)
- 03.05.23 Glia Cells and Myelin (Pascal Röderer)
- 10.05.23 Self-Organization and 3D Cultures (Christina Au Yeung)
- 17.05.23 Cell Fate Specification for Retinal Repair (Volker Buskamp)
- 24.05.23 **Dies Academicus – no lecture**
- 31.05.23 **Pfingstferien – no lecture**
- 07.06.23 Principles of Neural Cell Replacement (Oliver Brüstle)
- 14.06.23 Neurodevelopment, Stem Cells and Psychiatric Disease (Tamara Krutenko) →
lecture takes place in seminar room: to be announced
- 21.06.23 In vitro Models of Neural Development and Neurodegeneration (Michael Peitz)
- 28.06.23 Circuit Formation and Repair (Sandra Blaess)
- 05.07.23 Neural Cancer Stem Cells (Andreas Till)
- 12.07.23 No lecture

Exam medical students

Graded oral presentation of a recent high-impact publication

Exam date: 28.06.23 9-13:30 h

Exam Master Neuroscience

Oral presentation of results at the end of the practical course WPM 7

Exam for all other Master/Bachelor students

Recognition as a guest student is always possible, graded oral examination upon request
(*only limited student number, on first come, first served basis*)

Exam date: 05.07.23 9-13:30 h

Gast students are warmly welcomed!