

Lecture Series Developmental Neurobiology, Stem Cells and Disease

SS 25, 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: schmandt@uni-bonn.de

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

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

5. BIGS Neuroscience: Scientific lectures (401042101), no exam, but regular attendance required

Coordination - BIGS Neuroscience, Dr. Marion Rozowski

Phone: 0228-287-10422

Email: info@big-neuroscience.de

Exam modalities:

For Medical Students: Graded oral presentation of a recent high-impact publication, exam date: 02.07.25, possible make-up exam dates (to be confirmed): 16.07.25

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: **02.07.25**, possible make-up exam date (to be confirmed): 16.07.25

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.

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

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ukb universitäts
klinikumbonn

life&brain

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Final program:

- 09.04.25 Kick-off & Neural Induction and Neurulation (Sandra Blaess)
- 16.04.25 Fate Instruction and Regional Determination (Sandra Blaess)
- 23.04.25 Stem Cells in the Adult Brain (Polina Oberst)
- 30.04.25 Molecular and Cellular Aspects of Cortical Development (Oliver Brüstle)
- 07.05.25 Glia Cells and Myelin (Andreas TIII)
- 14.05.25 **Dies Academicus – no lecture**
- 21.05.25 Principles of Neural Cell Replacement (Oliver Brüstle)
- 28.05.25 Cell Fate Specification for Retinal Repair (Volker Buskamp)
- 04.06.25 In vitro Models of Neural Development and Neurodegeneration (Michael Peitz)
- 11.06.25 **Pfingstferien – no lecture**
- 18.06.25 Neurodevelopment, Stem Cells and Psychiatric Disease (Tamara Krutenko)
- 25.06.24 Self-Organisation and 3D Cultures (Clara Hayn)
- 02.07.25 Circuit Formation and Repair (Sandra Blaess)
- 09.07.25 **Exam – no lecture (to be confirmed)**
- 16.07.25 **Exam – no lecture (to be confirmed)**

Exam: Graded oral presentation of a recent high-impact publication

(dates to be confirmed)

- 09.07.25 1. Exam date; 14:00 – 18:30 h (seminar room L&B 612/76)
- 16.07.25 2. Make-up exam date; 09:00 – 13:00 h (seminar room L&B 612/76)