

Lecture Developmental Neurobiology, Stem Cells and Disease



SS 21, Wed 17.15 - 18.45; Room EG. 612 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. 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 MSc Neurosci students: Written exam on the 27.09.21

For all other master students: Written exam on the 21.07.21, makeup exam 27.09.21

For medical students: Written exam on the 21.07.21, makeup exam 27.09.21

Assessment in accordance with the examination regulations

Preliminary discussion: 14.04.21, 17.15. seminar room EG. 612 LIFE & BRAIN

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

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Program:

- 14.04.21 Kick-off & From Neurulation to Early Patterning of the Nervous System (Sandra Blaess)
- 21.04.21 Fate Instruction and Regional Determination (Sandra Blaess)
- 28.04.21 Stem Cells in the Adult Brain (to be announced)
- 05.05.21 Molecular and Cellular Aspects of Cortical Development (Oliver Brüstle)
- 12.05.21 Glia Cells and Myelin (to be announced)
- 19.05.21 **Dies Academicus – no lecture**
- 26.05.21 **Pfingstferien – no lecture**
- 02.06.21 Principles of Neural Cell Replacement (Oliver Brüstle)
- 09.06.21 Circuit Formation and Repair (Sandra Blaess)
- 16.06.21 Self-Organization and 3D Cultures (Vira Iefremova)
- 23.06.21 In vitro Models of Neural Development and Neurodegeneration (Michael Peitz)
- 30.06.21 Cell Fate Specification for Retinal Repair (Volker Buskamp)
- 07.07.21 Stem Cells and Neural Crest (Pascal Röderer)
- 14.07.21 Neurodevelopment, Stem Cells and Psychiatric Disease (Arquimedes Cheffer)
- 21.07.21 1. Exam (except MSc Neurosci Students; 17:15 h, Room EG. 612)
- 27.09.21 1. Exam MSc Neurosci Students; 2. Exam all other Students (10:00 h, Room EG. 612)