

# Lecture Series Developmental Neurobiology, Stem Cells and Disease



SS 22, 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 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: studierendekanat@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, date to be determined

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

For all other Master Students: Recognition as a guest student is always possible, graded oral examination upon request (only limited student number, on first come, first served basis)

Assessment in accordance with the examination regulations.

Preliminary discussion: 06.04.22, 17.15,

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

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## Preliminary Program:

- 06.04.22 Kick-off & From Neurulation to Early Patterning of the Nervous System (Sandra Blaess)
- 13.04.22 Fate Instruction and Regional Determination (Sandra Blaess)
- 20.04.22 Stem Cells in the Adult Brain (Hideaki Matsumura)
- 27.04.22 Molecular and Cellular Aspects of Cortical Development (Oliver Brüstle)
- 04.05.22 Developmental Neurotoxicity (Mohamad Hajo)
- 11.05.22 Glia Cells and Myelin (Pascal Röderer)
- 18.05.22 **Dies Academicus – no lecture**
- 25.05.22 Cell Fate Specification for Retinal Repair (Volker Buskamp)
- 01.06.22 Circuit Formation and Repair (Sandra Blaess)
- 08.06.22 **Pfingstferien – no lecture**
- 15.06.22 Neurodevelopment, Stem Cells and Psychiatric Disease (Tamara Krutenko)
- 22.06.22 In vitro Models of Neural Development and Neurodegeneration (Michael Peitz)
- 29.06.22 Principles of Neural Cell Replacement (Oliver Brüstle)
- 06.07.22 Neural Cancer Stem Cells (Andreas Till)
- 13.07.22 Self-Organization and 3D Cultures (Christina Au Yeung)

## Exam medical students

GRADED ORAL PRESENTATION OF A RECENT HIGH-IMPACT PUBLICATION, DATE TO BE DETERMINED

## Exam Master Neuroscience

Oral presentation of results at the end of the practical course

## Exam for all other Master students

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

**Gast students are warmly welcomed!**