

# Lecture Stem Cell Biology



**SS 19, Mon 17.30 - 19.00; 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](mailto:r.neuro@uni-bonn.de)

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

## **This lecture is accepted for (number of lecture):**

1. Bachelor of Science Molecular Medicine (401042101)
2. Wahlfach I Medizin, Vorklinik (401042102)
3. Other bachelor programs e.g. Bachelor of Science Biology (401042101)

## **Exam modalities:**

For Bachelor students: Written exam on the 08.07.19, makeup exam 02.10.19

For medical students: Written exam on the 08.07.19, makeup exam 02.10.19

Preliminary discussion: 01.04.19, 17.30, room EG. 612 LIFE & BRAIN building

For further information please contact Dr. Tanja Schmandt, Email: [schmandt@uni-bonn.de](mailto:schmandt@uni-bonn.de)

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## Final program:

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

08.04.19 Lineage Decisions in the Early Embryo (Hubert Schorle)

15.04.19 Genome Editing and Disease Modeling (Michael Peitz)

**22.04.19 Ostermontag – no lecture**

29.04.19 Neural Stem Cells (Oliver Brüstle)

06.05.19 Germ Cells (Lena Lücke & Liudmila Zhaunova) → **Vorlesung im großer**

**Seminarraum der Epilepsie**

13.05.19 Tumor Stem Cells (Andreas Till)

20.05.19 Direct Cell Fate Conversion (Lea Flitsch)

27.05.19 Stem Cells and Cardiovascular Repair (Wilhelm Röhl)

03.06.19 Self-Organisation und Organoids (Vira Iefremova)

**10.06.19 Pfingstferien – no lecture**

17.06.19 Hematopoietic Stem Cells (Tobias Holderried)

24.06.19 Stem Cells in Ophthalmology (Tim Krohne)

01.07.19 Stem Cells in the Digestive Tract (Andreas Till)

08.07.19 1. Exam (17:30 h, großer Seminarraum)

02.10.19 2. Exam (10 h, großer Seminarraum)