

# Webinar Stem Cell Biology + Video Recordings on eCampus (inverted classroom model)

ukb universitäts  
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life&brain

**SS 21, Mon 17.30 - 18.00; Online, 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 medical students: eTest on the 12.07.21, makeup exam 19.07.21. Start eTest: 16:30 h, Entry and introduction: 16:00 h

For Bachelor students: eTest on the 12.07.21, makeup exam 30.09.21. Start eTest: 11:00 h, Entry and introduction: 10:30 h

Preliminary discussion: 12.04.21, 17.30

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

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## Final program:

- 12.04.21 Kick-off & Pluripotent Stem Cells and Reprogramming (Michael Peitz)
- 19.04.21 The Role of Transcription Factors in Stem Cell Specification (Sandra Blaess and Lea Flitsch)
- 26.04.21 Genome Editing and Disease Modeling (Michael Peitz)
- 03.05.21 Chances and Risks of Stem Cell Research: Ethical Aspects (Michael Fuchs)
- 10.05.21 Direct Cell Fate Conversion (Lea Flitsch)
- 17.05.21 Neural Stem Cells (Oliver Brüstle)
- 24.05.21 **Pfingstferien – vorlesungsfrei**
- 31.05.21 Using Stem Cell Paradigms to Unravel Early Lineage Decisions Enabling Synthetic Embryogenesis (Hubert Schorle)
- 07.06.21 Germ Cells (Lena Arévalo)
- 14.06.21 Self-Organisation und Organoids (Vira Iefremova)
- 21.06.21 Stem Cells in Ophthalmology (Volker Busskamp, 17:30-18:00 h) & Stem Cells and Cardiovascular Repair (Wilhelm Röhl, 18:00-18:30)
- 28.06.21 Tumor Stem Cells (Andreas Till)
- 05.07.21 Stem Cells and Neural Crest (Pascal Röderer)

## Exam medical students

- 12.07.21 Start 1. eTest: 16:30 h, Entry and Introduction: 16:00 h
- 19.07.21 Start 2. eTest: 16:30 h, Entry and Introduction: 16:00 h

## Exam Bachelor students

- 12.07.21 Start 1. eTest: 18:30 h, Entry and Introduction: 18:00 h
- 30.09.21 Start 2. eTest: 11:00 h, Entry and Introduction: 10:30 h