

# Lecture Developmental Neurobiology, Stem Cells and Neuroregeneration



**SS, Wed 17.15 - 18.45; Room EG. 612 LIFE & BRAIN, weekly**

**Coordinator: Prof. Dr. Oliver Brüstle**

Institute of Reconstructive Neurobiology

Phone: 0228-6885-500

Email: [r.neuro@uni-bonn.de](mailto:r.neuro@uni-bonn.de)

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

## **Learning objective**

Students gain insight into the development of the central nervous system and the events that lead to neurodegeneration. Knowledge will be conveyed on cell culture and animal models that allow us to study neural development. In addition, therapeutic approaches for central nervous disorders are presented.

## **What is the methodological-didactic goal of the course?**

The students get an overview of the physiological and pathological processes of the development of the nervous system as well as stem cell-based therapeutic approaches.