

**A PhD position** is available at the ***Institute of Reconstructive Neurobiology (Director: Prof. Oliver Brüstle)***, University of Bonn Medical School, Germany.

The work will be carried out in the newly funded independent Junior Research Group of Dr. Julia Ladewig (PhD)

Interfacing fundamental stem cell biology and translational research, the project will employ changes associated with developmental disorders of the human cortex using 2D and 3D cortical culture systems generated from human induced pluripotent stem cells and neurons generated by direct cell conversion.

The position should start as soon as possible and is for a period of 3 years, with the possibility of an extension.

The ideal candidate will be a highly motivated, team-oriented graduate, capable of independent working with a strong interest in neurobiology, cortical development, stem cell research, biotechnology and disease modeling. Experience with cell culture techniques, microscopy, biochemistry or molecular biology techniques is advantageous. Candidates should hold a diploma or a master's degree in biology, molecular biomedicine, biotechnology, or a related subject.

We offer comprehensive training in an innovative field of science, a highly stimulating environment and state-of-the-art laboratories featuring the latest cell reprogramming, neural differentiation and bioengineering technologies.

The Institute of Reconstructive Neurobiology is affiliated with LIFE&BRAIN, a research and development platform located on the University of Bonn biomedical campus.

The PhD position can be integrated into the THEME PhD Program of the University of Bonn Medical School. We offer supportive mentoring and a well-equipped laboratory. Successful candidates will be awarded a PhD.

Salary will be according to the German salary scale TV-L E13 (50%). The University of Bonn is an equal opportunity employer. Preference will be given to suitably qualified female applicants or handicapped people, all other considerations being equal.

Please email a brief statement of your research interest, a CV including academic transcript(s), and names and contact details of two references to:

**Dr. Julia Ladewig**  
**Independent group leader (NRW stem cell network)**  
**Neural Development Group**  
**Institute of Reconstructive Neurobiology**  
**LIFE & BRAIN Center**  
**University of Bonn**  
**Sigmund-Freud-Strasse 25**  
**53127 Bonn**  
**Germany**

**Tel. +49-228-6885-547**

**Email: [jladewig@uni-bonn.de](mailto:jladewig@uni-bonn.de)**

**<http://www.meb.uni-bonn.de/rnb/index.php?page=neuraldevelopment>**