

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 under the supervision of Dr. Julia Ladewig.

Interfacing fundamental stem cell biology, translational research and biochemistry, the project will employ changes associated with cortical developmental disorders of the human brain using human induced pluripotent stem cells (hiPSC). Early steps of human brain development will be recapitulated in health and disease *in vitro* using guided differentiation and self-organize of hiPSC.

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, 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
Neural Development Group
Institute of Reconstructive Neurobiology
University of Bonn Medical School
Sigmund-Freud-Str. 25
53127 Bonn
Tel.: 0228-6885-547
Email: jladewig@uni-bonn.de
<http://www.meb.uni-bonn.de/rnb/index.php?page=neuraldevelopment>