

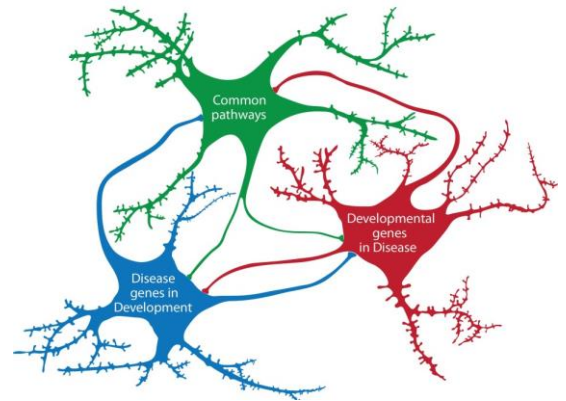


Ph.D. student position in Neuroscience

offered by

GRK 2162 “Neurodevelopment and CNS vulnerability”

in Erlangen-Nürnberg, Germany



A PhD position is available in the laboratory of **Prof. André Reis** at the **Institute of Human Genetics**, University Clinic Erlangen.

Our laboratory focuses on the elucidation of genetic and epigenetic networks that are disrupted in human neurodevelopmental disorders such as intellectual disability and autism. The doctoral project aims to decipher the transcriptional networks controlling the development of interhemispheric connections and to understand how disease-linked genes disrupt these regulatory networks. The project combines single-cell RNA sequencing and bioinformatical analyses with molecular, cell biological and histological analyses of transgenic mouse models and involves a close collaboration with the research group of Prof. C. Lie at the Institute of Biochemistry of the FAU Erlangen-Nürnberg.

We are looking for a highly motivated student with a Diploma/Master degree in Molecular Medicine, Biology or related fields. Candidates should have a strong background in Neurobiology, Genetics, Bioinformatics or Developmental Biology.

The doctoral researcher will be part of the DFG-Research Training Group 2162 “Neurodevelopment and CNS Vulnerability”, which provides a structured curriculum and a wide range of scientific and soft-skill training.

How to Apply

A) Please submit as a single pdf file:

- (1) Letter of motivation
- (2) Curriculum vitae
- (3) Transcript of Records
- (4) Summary of Research Experience and Master Project
- (5) List of publications
- (6) Names of two potential supervisors

B) Two letters of reference:

to be sent directly by the referees to:

grk2162@fau.de; Subject: GRK2162-PhDstudent/YOUR NAME

Please submit applications via email: grk2162@fau.de

Starting date: **June 2020 or later.**

For further information please contact grk2162@fau.de and visit our websites

<https://www.grk2162.med.fau.de/>

<https://www.humangenetik.uk-erlangen.de/en/research/research-topics/>

<https://www.biochemie.med.fau.de/research/ag-lie-en/>

Job Information

Contract length: 2 years, extension possible

Institution: University Clinic Erlangen, Friedrich-Alexander Universität Erlangen-Nürnberg

Department: Institute of Human Genetics