

Job description

The Institute of Neuropathology is looking for a (bio-)informatician or computational biologist (or a candidate who works towards either qualification) to support our research team. The successful applicant will be responsible for managing and analyzing Next-Generation Sequencing (NGS) data. The academic duties of this position will include the bioinformatic analysis of large genomic and epigenomic datasets generated through NGS and the implementation of new algorithms and pipelines with the goal of establishing and standardizing molecular diagnosis of epilepsy-associated lesions and understanding of molecular pathways involved in epilepsy development.

There is provision for collaboration with the NGS Core Unit at the FAU and Human Genetics Department of the Universitätsklinikum Erlangen. Also close interaction with our international collaborators from the Netherlands, USA and Australia is appreciated.

Interested candidates should send a curriculum vitae and a brief description of their research training and interests along with 3 references to katja.kobow@uk-erlangen.de

Desired skills and experience

- MSc in informatics, bioinformatics, statistics, physics, biotechnology, biology or similar subject
- Good programming skills using Java and R is mandatory
- Knowledge of Linux/Unix systems
- Prior experience with high throughput sequencing and/or array data analysis is beneficial (knowledge of basic bioinformatic tools)
- Fluent English in speech and writing
- Good communication skills, team player

Disciplines: **Bioinformatics, Computational Biology, Epigenomics, Neuroscience**