

BTA / MTA

biological/medical technical assistant
or biology bachelor / master

The Hertie Institute for Clinical Brain Research (HIH), together with the University of Tübingen's Neurology Hospital, forms the Center of Neurology. It is dedicated to research, treatment, and teaching focused on the diseases of the human brain.

Starting now the HIH is looking for a

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About us

with an employment level of 100%. The position is initially limited to 1.5 years.

The research division „Translational genomics of neurodegenerative diseases“ of Prof. Dr. Synofzik focuses on genomics, pathophysiology and translational biomarker research in the field of neurodegenerative diseases, with a special focus on genetic ataxias, motor neuron diseases, and dementias. A wide range of molecular, protein biochemical and cell biological methods are applied in the lab (e.g. exome/genome sequencing, Sanger sequencing, qPCR, Western Blotting, ELISAs, and cutting-edge ultra-sensitive protein analysis including SIMOA and Luminex technology). Protein-based biomarkers are identified in cell culture models, human and murine blood and/or CSF, and validated in large international patient cohorts.

Your tasks

- Planning of experimental work, execution and optimization of established as well as novel methods and test protocols, plus constant evaluation and documentation.
- Assistance in the development and validation of novel immunoassays, and independent operation of already established immunoassays including Western Blotting, ELISA, and ultrasensitive assays using single-molecule arrays (Quanterix SIMOA) and Millipore Luminex platforms, with a high degree of own responsibility.
- Participation in scientific projects in the field of molecular genetics (e.g., segregation analyses and functional investigation of genetic variants by RNA analyses, qPCR and Western Blotting).

- Organization of laboratory procedures, biosamples and procurement of orders.

Your background

- Completed vocational training as BTA / MTA or comparable training / study (e.g. Bachelor of Science / Master of Science in biology or a related field); previous experience in common methods of molecular genetics, protein biochemistry and cell biology
- Good English (and German) language skills
- Communication and organisational skills
- Ability to work in a structured, self-organized and independent way; good team skills
- Above-average scientific interest and openness
- strong motivation to learn constantly expand one's methodological skills and embark on novel scientific projects

Have we sparked your interest?

We offer remuneration according to TV-UK (collective agreement of the university hospitals Baden-Württemberg) as well as all benefits customary in public service. Disabled persons are given priority if they are equally suitable. Recruitment is carried out by the Personnel Division. Unfortunately, we are unable to cover the costs of introductions.

If you have any questions, please contact Selina Reich (phone +49 (0) 7071-29 85548; Email: selina.reich@uni-tuebingen.de). Application deadline: 15.04.2021.

Send your application (preferably by email; all documents in one pdf):

**Universitätsklinikum Tübingen
Zentrum für Neurologie**

Sektion „Translationale Genomik neurodegenerativer Erkrankungen“

Prof. Dr. Matthis Synofzik

Otfried-Müller-Str. 27, 72076 Tübingen, Germany

Email: selina.reich@uni-tuebingen.de

Deadline: 15.04.2021