

The **Institute for Stroke and Dementia Research** (<https://www.isd-research.de/>) is one of the most renowned centers in Germany for cutting-edge research and treatment of neurodegenerative and neurovascular diseases. In a new building constructed in 2015, international working groups are using state-of-the-art methods to research disease mechanisms and translate new scientific findings into treatment approaches for patients.

The group of **Prof. Dr. Dominik Paquet** (<https://www.isd-research.de/paquetlab>) is hiring a

## Student assistant (m/w/d)

### „Characterization of human stem-cell-derived brain tissue models“

#### Part-time (up to 10h / week) | temporary contract

With an interdisciplinary and international team, we develop human brain tissue models to investigate Alzheimer's disease. For our work, we use state-of-the-art molecular and cell biological methods, such as induced pluripotent stem cells and CRISPR/Cas9 genome editing.

We offer an interesting, meaningful and varied position in a young, innovative team with the opportunity to contribute your own experience and ideas to the success of our research. The workplace is located in an attractive environment in a modern, new research building at the Großhadern campus.

As a student assistant, you would support the team in the characterization of the human brain tissue models through a variety of tasks, such as:

- Cryosectioning
- Immunofluorescence stainings
- Confocal microscopy
- Protein and RNA extractions
- RT-q-PCR
- Western Blot

In addition to reliability, commitment, team spirit and good communication skills, the applicant should enjoy laboratory tasks and be highly motivated. A structured and very careful way of working is required. Previous experience with the above-mentioned techniques would be an advantage. A very good command of written and spoken English is essential, as the working group and the institute are international.

Disabled applicants will be given preference if they are otherwise equally qualified.

Contact: Prof. Dr. Dominik Paquet

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