

The Berlin Institute of Health (BIH) is a public corporation within the Charité -Universitätsmedizin Berlin with a focus on translation and precision medicine. Its aim is to ensure a mutual exchange between biomedical basic research, clinical research, and medical practice. It further seeks to utilize scientific and technological developments, prevention measures, diagnoses, and new therapies. The BIH QUEST Center for Transforming Biomedical Research aims at optimizing biomedical research with respect to scientific methodology, bioethics, & accessibility of research.

The Berlin Institute of Health (BIH) seeks applicants for a position in the area of **meta-research**:

PhD Candidate Meta-research (f/m)

Kennziffer CC04-BIH-05.18

Ischaemic stroke is a leading cause of death and disability worldwide, however attempts to develop new treatments using *in vivo* animal models have been unsuccessful. We use systematic review and meta-analysis, meta-research techniques to analyse published literature, to provide important information on factors that may be contributing to this translational failure.

This position is located within the newly established CAMARADES (Collaborative Approach to Meta-Analysis and Review of Data from Experimental Studies; <http://www.dcn.ed.ac.uk/camarades/>) group at the BIH QUEST Centre (<https://www.bihealth.org/en/research/quest-center/projects/preclinical-systematic-review/>). We offer the opportunity to be a part of an experienced and friendly international research team.

Job description:

- This project includes a preclinical systematic review and meta-analysis of the effects of advanced age and comorbidities in animal models of stroke. Current *in vivo* stroke research often fails to model these critical patient characteristics and we are interested in how they affect stroke outcomes. Results will contribute to developing improvement strategies regarding reproducibility and translation of biomedical research
- Opportunity to contribute to developing automation strategies e.g. text mining and machine learning for preclinical systematic reviews
- Possibility of working with *in vivo* experimental models of stroke at the Department of Experimental Neurology, Charité Universitätsmedizin Berlin (<https://expneuro.charite.de/en/>), if the candidate is interested
- Opportunity to contribute to varied meta-research projects within the local and international team and focus on areas of personal research interest, within the scope of the project

Requirements:

- Completed training in medicine, life sciences or relevant denomination
- Interest in meta-research in the field biomedical research
- Experience in meta-research in the field of biomedical research advantageous
- Laboratory experience advantageous
- Structured way of working and high-level analytical skills
- Strong communication skills and ability to work in a team, capacity to withstand stress
- Excellent computer skills (biostatistical applications)
- Very good level of English

We offer an utterly interesting and varied occupation at the QUEST Center for Transforming Biomedical Research. According to your qualification, the position is accounted as pay grade E13 (with 65% FTE) or according to TV-Ärzte Charité except when final evaluation indicates otherwise. Currently, the appointment is limited to 3 years.

Please submit your application and usual supporting documents as file in PDF format (max. 3 MB) to jobs@bihealth.de. Application deadline is **November 18th 2019**.

For further inquiries, please contact: Dr. Sarah McCann email: sarah.mccann@charite.de ph: +4930 450 543 673

Ancillary information: Equal opportunities are part of our personnel policy. Therefore, applications of qualified women are especially welcome and are given preferential consideration. Disabled candidates of equal merit for appointment are encouraged to apply and will be given priority.