The Hospital of the University of Munich, Germany, is one of the largest and most competitive university hospitals in Germany and Europe. 46 specialized hospitals, departments and institutions harbouring excellent research and education provide patient care at the highest medical level with approximately 10.000 employees.

**The Institute for Stroke and Dementia Research** offers a fully funded position available immediately:

# PhD student (f/m) in Neuroscience

The ISD is a research institute primarily financed by foundation funds bridging the traditional barriers between academic medicine and basic science in the area of stroke research and related dementias.

**Description:**
The candidate will work closely with the Principal Investigator to perform both experimental and computational approaches. This PhD position will be in an international, dynamic and "open-door" atmosphere, with access to state of the art laboratory facilities and structured training as part of the Graduate School for Systemic Neuroscience (GSN) (http://www.gsn.uni-muenchen.de/index.html), which is a part of Ludwig Maximilian University of Munich (LMU) (ranked as the top university in Germany according to Times Higher Education World University Rankings).

**Your profile:**
Applicants should hold a diploma or Master's degree in a quantitative discipline (e.g. physics, mathematics, computer science, engineering) or biological sciences, preferably with focus on bioinformatics (e.g. biology, medicine, bioengineering) is important. Experience in analysis of functional sequencing data and knowledge of R, Matlab or Python is strongly desired. Sound knowledge of the English language and team-oriented working is crucial for the applicant's success. Suitable candidate should be highly motivated with an intrinsic interest in disease mechanisms.

**Position:**
We look for a talented individual to join the ISD (www.isd-muc.de). ISD has a modern infrastructure including: brand new fully equipped lab spaces and offices, an animal facility that is fully equipped with surgery rooms, state-of the art imaging equipment. Our group will integrate single-cell transcriptome profiling with in vivo imaging to focus basic research on clinically relevant questions on the prevention, diagnosis and treatment of stroke and cognitive decline.

The position is initially for 2 years, but has the possibility of extension. Salary will be based on German public employment guidelines (TV-L). The Ludwig-Maximilians-University/Klinikum der Universität München is an equal opportunity employer. Individuals of all nationalities, genders, ages, and those with disabilities are encouraged to apply. We give priority to applicants with a disability and essentially equal qualifications. Presentation costs cannot be refunded. Skype interviews for candidates from abroad are welcome for an initial interview.

Disabled persons will be preferentially considered in case of equal qualification. Presentation costs can't be refunded.

Applicants should submit their complete application documents (including detailed CV, cover letter, copies of latest degree and transcripts, at least 1 references or the contact info of referee/s – all documents within a single PDF file) via email to:

E-Mail: isd@med.uni-muenchen.de

Referenz-Nr.: 2015-K-0093

Klinikum der Universität München
Institute for Stroke and Dementia Research
Feodor-Lynen-Str. 17
81377 Munich | Germany

Please note that in case of transmitting your job application by e-mail your data will not be encrypted and might potentially be noticed or adulterated by unauthorized third parties. You are welcome to send us your documents by mail.

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