



PhD Positions in Neuroscience at the Charité

We invite applications for PhD positions in neuroscience.

NeuroCure supports the International Graduate Program Medical Neurosciences of the Charité – Universitätsmedizin Berlin. The internationally acclaimed principle investigators cover a wide range of topics from basic molecular and cellular to clinical neuroscience with a focus on translational research.

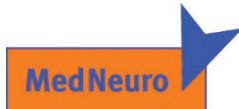
Established research topics are neural plasticity, mechanisms of damage, endogenous brain protection, regeneration, developmental disturbances and cross talk between the nervous and the immune system.

The clinical focus is on cerebrovascular diseases, neuroinflammation, disorders of network formation, stroke, multiple sclerosis, and focal epilepsies.

We look for outstanding, highly motivated candidates, who hold or expect a Master's degree or equivalent in Neuroscience, Biology, Chemistry, Physics, Medicine or other Life Sciences. The working language of the program is English.

Advance your research career and submit your application by **November 30, 2010** to office-medneuro@charite.de.

The Charité is an equal opportunity employer, committed to the advancement of individuals without regard to their ethnicity, religion, sex, age, disability or any other protected status.



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NeuroCure – Cluster of Excellence

Towards a better outcome of neurological disorders

With the goal of transferring insights gained from basic science to clinical studies and to develop new therapies, NeuroCure is active primarily in the areas of cerebrovascular diseases, neuroinflammation and disturbances of functional network structures, and concentrates in particular on the diseases stroke, multiple sclerosis, epilepsy and developmental disorders. The focal point is not only on the underlying disease mechanisms common to these illnesses but also on an overarching research approach and concept.

In addition, the cluster of excellence is expanding various clinical and technological infrastructures with essential know-how that can be shared by all scientists.

NeuroCure's substantial funding will be used by the partner institutions Humboldt-Universität zu Berlin, Freie Universität Berlin, Max-Delbrück-Center for Molecular Medicine (MDC), Leibniz-Institute for Molecular Pharmacology (FMP) and Deutsches Rheuma-Forschungszentrum Berlin (DRFZ) to expand the well-established neuroscience community by both strengthening the network of current research activities and establishing 17 new professorships.

For more information please visit our websites at:

www.neurocure.de

www.medical-neurosciences.de

NATUREJOBS

SPOTLIGHT ON BERLIN

HIGHLIGHT: GENETICS



The Faculty of Medicine at the Rheinische Friedrich Wilhelms University of Bonn invites applications for a

Professorship (W2) (tenure track) for Molecular genetical neurobiology

at the Institute of Cellular Neurosciences.

The successful candidate is expected to represent the field of molecular genetical neurobiology in research and teaching for the study programs of Human Medicine and Neurosciences.

The applicant should have a strong international track record in molecular genetical neurobiology, preferentially in the field of neuron glia interaction and/or regulation of gene expression and should have experience in securing extramural funding. The candidate is expected to strengthen existing research programs and to participate in the establishment of new research consortia. The initial appointment will be for three years and can be converted to tenure pending positive evaluation.

Candidates must hold a degree in Medicine or Natural Science. Teaching obligations require the candidate to have completed their Habilitation or to have equivalent scientific achievements as well as teaching experience according to § 36 of the Higher Education Act of the State of North Rhine-Westphalia.

The University of Bonn is an equal opportunity employer and aims to increase the number of female faculty members. Therefore, applications from female candidates are explicitly encouraged.

Disabled candidates with equivalent qualification will be given preference.

Please submit your application (curriculum vitae, certificates, list of publications) as well as a short application form (www.uniklinik-bonn.de/dekanat/bewerberbogen) until **December 10th, 2010**, to the Dean of the Medical Faculty at the Rheinische Friedrich-Wilhelms-Universität Bonn, Herr Prof. Dr. T. Klockgether, Haus 372, Sigmund-Freud-Str. 25, 53127 Bonn.

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Senior Lecturer/ Associate Professor in Biomedical Research

The Faculty of Medicine at Linköping University runs the most highly rated MD program in Sweden, as well as a number of other strong educational programs in Health Care and Life Sciences. It trains a large number of health care professionals and researchers, and has strong research within several areas of modern medical sciences.

The Department of Clinical and Experimental Medicine hosts several strategic research centers, i.e. neuroscience, infectious disease, and regenerative medicine. The Department is now seeking a Senior Lecturer/Associate Professor in Biomedicine. The position is primarily focused on research, and the successful applicant is expected to establish an independent research group conducting research within his or her area of choice.

For more details please go to: www.liu.se/en/job/



Linköping University
expanding reality

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Technische Universität Berlin

Campus of Ideas – In the heart of Germany's Capital

Ideas can change the world – the Technische Universität Berlin has a long-standing tradition of excellence in this regard. With its 7 schools, around 100 degree courses and 29,200 students, it is the third largest technical university in Germany. High performance core subjects such as mathematics and natural sciences are not only closely intertwined with each other, but with the engineering sciences as well. At TU Berlin, these core disciplines also interact closely with the technology-oriented spheres of economics, humanities and social sciences. Flexible framework conditions serve to promote creative, problem-oriented academic endeavours across all university disciplines and institutions. Transdisciplinary research and the advancement of ground-breaking fields of science actively shape academic life on our Charlottenburg Campus, located in the very heart of the German capital.

TU Berlin is indeed an international institute of higher learning; it is characterised by numerous international cooperation projects and features a particularly high proportion of international students. People from all over the world rub shoulders on our campus: students from 130 countries have selected TU Berlin as their university of choice, and numerous scientists from abroad teach and conduct research here.

Through its successes in the Germany-wide Excellence Initiative, TU Berlin is currently the coordinating university for the *Unifying Concepts of Catalysis* project, the only excellence cluster in natural science to be awarded in the entire region. Moreover, together

with the *Humboldt Universität zu Berlin* and *Freie Universität Berlin*, TU Berlin coordinates the graduate-level *Berlin Mathematical School*. TU Berlin is also actively involved in two further excellence clusters and two graduate schools. Moreover, TU Berlin has two internationally prominent and distinctive initiatives at its disposal, i.e. the *MATHEON* research centre sponsored by the German Science Foundation (DFG), and the *NanOp* competence centre – *Application of Nanostructures in Optoelectronics* – sponsored by the Federal Ministry of Education and Research. These networks provide our students and teachers with outstanding cross-border research opportunities, as well as access to cutting edge science infrastructures and first-rate libraries. Berlin is an excellent venue for conducting scientific endeavours; the city's size, diversity and strengths ensure the best possible conditions for students and teachers who aspire to challenging careers in research.

TU Berlin offers numerous programmes and dedicated academic options that are specifically tailored to promoting promising young scientists, e.g. in the form of interdisciplinary and cross-school networks. Junior chairs are an important instrument in this regard. At TU Berlin they are equipped with their own scientific personnel, a remarkable aspect that is unique in all of Germany.

Building on these innovative structures, excellent achievements in research and dedicatedly interlinked international character, TU Berlin is one of the most attractive and forward-looking features of the German capital.

Technische Universität Berlin · Straße des 17. Juni 135 · 10623 Berlin · www.tu-berlin.de

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With all our campus facilities within walking distance, we purposely bring together young researchers from many countries and disciplines. Get to know us!

We've got the brains for the future.

Prof. Dr.-Ing. Jörg Steinbach · President of TU Berlin

