IN SEARCH OF EXCELLENCE!

ZIK B CUBE /
Technische Universität Dresden

The Centre for Innovation Competence (ZIK) B CUBE – Center for Molecular Bioengineering of the Technische Universität Dresden (www.tu-dresden.de/bcube) is an interdisciplinary research center focusing on research and teaching in the areas of Bioprospecting, BioNano Tools and Biomimetic Materials.

B CUBE and the German Federal Ministry of Education and Research (BMBF) invite applications to fill the following two positions by latest beginning of 2016:

Junior Research Group Leader for Multi-Scale Analysis

Equivalent to Junior (DE) or Assistant (USA) Professorship

The successful candidate will establish an international team of young, talented scientists to develop multi-scale analysis technologies for the investigation of the molecular and structural features of natural and synthetic materials for understanding their functions. The resulting technology will not only yield unique insights into the structure-function relationship of biological and biomimetic materials but also open new opportunities for medical diagnostics. This requires the development of an integral measurement system combining various analytical methods, e.g. spectroscopy, microscopy, rheology, image processing. Applicants should possess a university degree and PhD in biophysics, bioengineering or related fields and demonstrate postdoctoral experience in instrument development.

Junior Research Group Leader for Bottom-up Synthetic Biology

Equivalent to Junior (DE) or Assistant (USA) Professorship

The successful candidate will establish an international team of young, talented scientists to work on the self-assembly of responsive biofunctional systems. This preferably includes studies of biological sensor and actuator elements in reconstituted, lipid-based membrane systems. Towards possible applications in the fields of synthetic biology and/or nanotechnology the group will seek to optimize the reconstituted systems with regard to robustness, resilience and autonomy. Applicants should possess a university degree and PhD in biophysics, bioengineering or related fields and demonstrate postdoctoral experience in the in vitro investigation of sub-cellular functional units.

The group leader positions are funded initially for a period of five years with the option for an extension of at least two years. Subject to personal qualification the group leaders are remunerated according to salary group E 14 TV-L. The period of employment is governed by § 2 Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). Both groups will receive funding from the BMBF for five years including start-up equipment, research staff (four full time positions) and consumables. Implementation of the expanded strategy concept of B CUBE is a requirement for both group leaders. Candidates are required to demonstrate a commitment to excellence in both research and teaching. Strong writing skills with a proven track record of successful research and publication is expected. Excellent communication skills in English are essential as this is the working language at the research center.

TU Dresden seeks to employ more women in leadership positions. Hence we should particularly like to encourage qualified women to apply. Applications from disabled candidates or those with additional support needs are welcome.

Applications including a CV, a publication list and a short description of current and future research ideas (maximum 10 pages) as well as three letters of reference should be sent to both ZIK B CUBE and the Project Management Jülich (representing the BMBF) until 19.07.2015 by email or regular mail (stamped arrival date applies) to:

TU Dresden and B CUBE
Prof. Nils Kröger
Arnoldstrasse 18
01307 Dresden, Germany
E-Mail: zikbcube@tu-dresden.de
(through a single pdf-file)

Please submit copies only, as your application will not be returned to you.

For further information please contact: Prof. Nils Kröger or Ms. Ines Kästner via phone (+49-351-463 43000) or E-Mail (zikbcube@tu-dresden.de)

For further details on the application requirements please see:
http://www.unternehmen-region.de/de/374.php
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Department of Health and Human Services (DHHS)
National Institutes of Health (NIH)
National Cancer Institute (NCI)
Center for Cancer Research (CCR)

Tenure-Track Investigator Position in the HIV Dynamics and Replication Program

The HIV Dynamics and Replication Program (HIV DRP, formerly the HIV Drug Resistance Program), CCR, NCI, NIH, DHHS is seeking an outstanding tenure-track investigator to carry out original, independent, and innovative research in an area of virology including, but not limited to, HIV/retrovirus biology. This intramural position is similar to that of an Assistant Professor at a university setting.

The successful candidate will have expertise in HIV/retrovirus biology or cancer virology. Areas of emphasis include molecular aspects of viral replication, virus-host cell interactions, and drug resistance. Applicants must have a Ph.D. or equivalent doctoral degree, relevant postdoctoral experience, and a record of high achievement.

This position is located at the NCI campus in Frederick, Maryland, which offers state-of-the-art facilities, collaborative opportunities, and core facilities for advanced technologies. The investigator will have access to a wide array of intellectual and technological assets, including high-quality technology cores dedicated to protein chemistry, natural products chemistry, biophysics, mass spectrometry, imaging, microscopy, proteomics and genomics, bioinformatics/biostatistics, and flow cytometry, in addition to support for patient-based studies through the NIH Clinical Center. For an overview of CCR, please visit http://ccr.cancer.gov/.

Review of applications will begin on or about August 3, 2015, but applications will be accepted until the position is filled. Salary is competitive and will be commensurate with the candidate’s experience. A full benefits package is available, including retirement, health insurance, life insurance, long-term care insurance, annual and sick leave, and a Thrift Savings Plan (401K equivalent). This position is not restricted to U.S. citizens.

To apply, please submit a cover letter, curriculum vitae, description of research plans (~5 pages), and 3 letters of recommendation to: Ms. Valerie Turnquist, Administrative Laboratory Manager, NCI at Frederick, P.O. Box B, Bldg. 535, Frederick, MD 21702-1201, Email: turnqv@mail.nih.gov. PDF files are encouraged.

This position is subject to a background investigation. The NIH is dedicated to building a diverse community in its training and employment programs.

DHHS, NIH and NCI are Equal Opportunity Employers.
The National Institute of General Medical Sciences (NIGMS), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is seeking exceptional candidates for the position of Director, Division of Genetics and Developmental Biology (GDB). Information about GDB is available at http://www.nigms.nih.gov/About/Overview/pages/gdb.aspx. GDB has supported many of the exciting fundamental discoveries that have led to deeper knowledge of how cells and organisms function as well as to new technologies and approaches. In FY 2015, the Division of Genetics and Developmental Biology had an annual budget of about $439 million and is one of five scientific divisions within the NIGMS. GDB is organized into two branches, one focused on genetic mechanisms and one on developmental and cellular processes, and has 11 scientific staff members who serve as program officers. The division director reports to the NIGMS director and is a member of the NIGMS senior leadership team, which helps set policies and priorities for the Institute. There are also opportunities to participate in and advise on NIH-wide activities and collaborations with other federal agencies.

While concentrating on general principles of genetics, gene expression and developmental biology, often using model organisms, research supported by GDB underpins studies on human health and disease. The Director, GDB plans and directs a program of research grants and contracts, analyses national research efforts on the problem of human genetic disease, makes recommendations to assist the National Advisory General Medical Sciences Council or other advisory committees or groups, identifies the need for research in the area of genetics and developmental biology, and advises universities, other centers of medical research, and professional and lay organizations about research needs and requirements. The Division supports research on genetic and molecular regulation, protein synthesis, gene expression, DNA and RNA, intracellular signaling pathway dynamics and network organization in genetics, among other areas. This position offers important opportunities to set scientific priorities, lead change and improve the research enterprise.

Qualifications: Candidates must possess an M.D., Ph.D., or equivalent degree in a field relevant to the position. The ideal candidate will have considerable research experience and will possess a broad spectrum of scientific knowledge related to the NIGMS mission. In addition, candidates should possess recognized research management and leadership abilities. A strong understanding of the fundamental mechanisms of inheritance, development, and cell function is desired. The position will be filled under a Title 42(f) excepted service appointment.

Salary/Benefits: Salary is competitive and will be commensurate with the experience of the candidate. A recruitment or relocation bonus may be available, and relocation expenses may be paid. A full package of Federal Civil Service benefits is available, including: retirement, health and life insurance, long term care insurance, leave, and a Thrift Savings Plan (401K equivalent). The successful candidate is subject to a background investigation and financial disclosure requirements.

How to Apply: Applicants must submit a current curriculum vitae, bibliography, copy of degree, and full contact details for three references. In addition, applicants are asked to prepare two statements: a vision statement and a statement that addresses the specific qualification requirements (please limit both statements to two pages each). NIGMS will be accepting applications and plans to have the position open for the next 45 days, but will not close the application process until a candidate has been selected. Please send your application package to GDBDirectorApplicants@nigms.nih.gov. You may contact Shea Keys with questions about this vacancy at skeys@mail.nih.gov or 301-594-0945.

HHS and NIH are Equal Opportunity Employers.

Sequencing Core Director

The Center for Genetic Medicine of Northwestern University Feinberg School of Medicine in downtown Chicago invites applications for a full time position as Director of the Northwestern University Sequencing (NUSEQ) Core. The Core Director is expected to oversee NUSEQ Core personnel and lead efforts for the establishment of this new core facility. This includes planning and implementation of workflows and related processes and establishing the scope of services offered. Application deadline is July 15, 2015.

Applicants should have a Ph.D. or equivalent in relevant biological or chemical science field, with a minimum of 5 years experience in molecular biology/genomics and minimum 3 years of hands-on technical experience in next generation sequencing. The candidate should have experience in next generation sequencing methods development, experience with preparation of grant funding for next generation sequencing technology projects is helpful. We are seeking an individual with prior experience working within or directing a similar Core facility. A demonstrated ability to manage projects and lead interdisciplinary teams is required, and the candidate should possess excellent interpersonal as well as verbal and written skills.

Applicants should send (as a single PDF) a cover letter referencing the Core Director for Sequencing position, a curriculum vitae, and the name and contact information for four to six references to CGMCoreSearch@northwestern.edu.

Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

Cleveland Clinic

Pediatric Institute and Lerner Research Institute

New faculty positions at the Assistant or Associate Professor/Staff level. Exceptional candidates at the Professor/Staff level will also be considered. Based in the Lerner Research Institute of the Cleveland Clinic with a primary focus on basic or translational research, M.D., Ph.D., D.V.M. or equivalent degree with postdoctoral training and exceptional promise for an independent career in academic science.

We are seeking individuals with a special interest in basic cellular and molecular processes, and/or translational studies. Areas of special interest include, but are not limited to:

- Lung
- Kidney
- Pediatric Care
- Gastrointestinal
- Obesity and Diabetes
- Microbiology
- Epigenetics
- Autism
- Environmental Sciences
- Nanotechnology
- Immunology

Candidates are expected to establish an innovative, extramurally funded research program and join a collaborative, interdisciplinary group of investigators. Interactions with excellent clinical programs are readily available and provide the potential to develop multi-disciplinary and translational research programs. We offer a strong tradition of collaborative research and established programs for pre- and post-doctoral M.D. and Ph.D. trainees. Outstanding facilities and generous start-up funds are available. Salary will be commensurate with academic credentials and experience.

Interested candidates should contact Ms. Monique Smith at SMITHMS3@ccf.org. The file should include a curriculum vitae, contact information for the references, a statement of research interests, and cover letter addressed to Monique Smith, Search Committee Coordinator, Pediatric Institute, Cleveland Clinic, 9500 Euclid Ave/NC22, Cleveland OH 44195.

Apply directly online at www.clevelandclinic.org/physicianrecruitment

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The 2016 Elite Nanyang Assistant Professorship
NTU invites outstanding young researchers and exceptional scholars to apply for appointment as a Nanyang Assistant Professor. Up to 10 appointments will be made.

Successful candidates will receive start-up research grant of up to SGD 1 million (EUR 690K/USD 740K/JPY 88M) and an attractive remuneration package. They will hold tenure track appointments and play lead roles in NTU’s multi-disciplinary, integrative research.

Candidates should be below 40 years of age, within 10 years of obtaining their PhD or equivalent degree in their respective field, possess a few years of post-doctoral research experience, and ready to independently lead their own research groups.

For enquiries, email: nanyangprofessorship@ntu.edu.sg

Applications now open
* Apply online at www.ntu.edu.sg/nap
by Friday, 2 Oct 2015, 11:59 P.M. (UTC / GMT +8:00)
* Only online applications will be accepted and only shortlisted applicants will be notified.

www.ntu.edu.sg

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TENURE TRACK FACULTY POSITION
DEPARTMENT OF PHYSIOLOGY AT UCLA
(NEUROSCIENCE)

Assistent or Associate Professor

The Department of Physiology at the David Geffen School of Medicine at UCLA invites applications for a tenure track faculty position, preferably at the level of Assistant or Associate Professor.

Candidates interested in any aspect of molecular, cellular, computational or systems neuroscience, including the use of nanotechnology, are encouraged to apply. The Department of Physiology at UCLA has a strong tradition of excellence in molecular biophysics, neuroscience, cardiovascular research, and structural biology in a highly collaborative environment. Candidates must have a Ph.D., M.D. or equivalent and are expected to have a strong track record of research achievements and a demonstrated interest in tackling outstanding biological problems using state-of-the-art approaches. The position comes with generous support, excellent start-up funds and outstanding shared resources at UCLA.

The successful candidate will be expected to develop an independently funded and collaborative research program, and actively participate in the teaching mission of the Department for medical, dental, and graduate students.

Interested candidates should apply on line at UC Recruit:
https://recruit.apo.ucla.edu/apply/JPF01245
Diane Papazian, Ph.D., Search Committee Chair
physio_neuro@mednet.ucla.edu

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination and Affirmative Action Policy.

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TENURE TRACK FACULTY POSITION
DEPARTMENT OF PHYSIOLOGY AT UCLA
(CARDIOVASCULAR SCIENCE)

Assistent or Associate Professor

The Department of Physiology in the David Geffen School of Medicine at UCLA invites applications for a tenure track faculty position, preferably at the level of Assistant or Associate Professor.

We are especially interested in candidates with a research focus combining hypothesis-driven and discovery-driven approaches to address cardiovascular physiology and/or pathophysiology. Candidates must have a Ph.D., M.D. or equivalent and are expected to have a strong background in molecular, cellular and/or systems biology including computational approaches and a demonstrated interest in addressing fundamental physiological questions.

The successful candidate will be expected to develop an independent, NIH-funded research program and to participate in the highly collaborative research programs in Physiology and the cardiovascular community at UCLA. S/he will also be a member of the UCLA Cardiovascular Research Laboratory and actively participate in the teaching mission of the Department of Physiology.

Interested candidates should apply on line at UC Recruit:
https://recruit.apo.ucla.edu/apply/JPF01244
Search Committee Chair - physio_cv@mednet.ucla.edu

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination and Affirmative Action Policy.
Call for candidates to head a Research Unit in cryo-electron microscopy/tomography at Institut Pasteur in Paris, France

Institut Pasteur is seeking to recruit a mid-career/senior scientist to head a new research unit specialized in cryo-electron microscopy and molecular/cellular cryo-tomography. The successful candidate will establish an independent research unit within the Structural Biology and Chemistry department, focused on the development and application of cutting-edge electron microscopy methods such as high-resolution single particle approaches and/or in situ structural biology research (Cryo-electron tomography, correlative light and electron microscopy, novel methods development in cellular cryo-EM, 3D EM methods for quantitative image processing and analysis). Applicants must have a Ph.D. (or equivalent) with significant experience in many aspects of electron microscopy and a record of independent scientific productivity as evidenced by citable publications and external funding.

The successful candidate will conduct research in the field of structural biology in relation to human health, in close interaction with other groups on campus. Research projects bridging the gap between structural and cell biology are strongly encouraged. Active cooperation with existing research units on campus and willingness to contribute to the scientific dynamism of the institute are expected. The group will contribute to maintaining a cryo-EM facility composed of 200kV and 300kV high-end cryo-electron microscopes equipped with direct detection cameras.

Applications will be evaluated on the basis of scientific excellence. A highly attractive package to match the experience of the successful applicant will be provided. Further information on the Institute and on-campus facilities can be found at http://www.pasteur.fr

The Application should comprise the following (in order) in a single pdf file:
- A brief introductory letter;
- A Curriculum Vitae, a list of 10 selected publications and a full publication list;
- A description of past and present research activities (up to 3 pages with 1.5 spacing);
- The proposed research project (with a title; 4 pages with 1.5 spacing);
- The names of 3 scientists from whom letters of recommendation can be sought, together with the names of scientists with a potential conflict of interest from whom evaluations should not be requested.

Applications and requests for information should be addressed to cryo-em@pasteur.fr by September 15, 2015 (5 pm CEST). Short-listed candidates will be called for interview which will take place at the end of October, and decisions will be announced by mid-December 2015.

Faculty Positions: Beijing Institute of Genomics, Chinese Academy of Sciences

Beijing Institute of Genomics (BIG) is one of the leading institutes in genomics research in China. BIG has excellent infrastructures for genomic and bioinformatics research. BIG opens faculty positions of both junior and senior levels.

We seek dynamic individuals with innovative research programs in genomics, bioinformatics, genomic medicine, computational biology, systems biology, evolutionary biology and database construction. The successful candidates for the research group leader positions will be expected to develop novel computational or bioinformatics algorithms and methodologies, and/or to use bioinformatics, and genomics approaches to address fundamental questions in biology and precision medicine. Candidates are expected to develop independent research programs that can complement or integrate with existing research activities at BIG.

Candidates are expected to hold a Ph.D. degree, to have at least three-year postdoctoral research experiences and an outstanding publication record. Senior faculty positions are always open and will be negotiable on an individual basis. The appointment will be at Principal Investigator level. BIG offers a competitive start-up package that includes research funding, supporting staff, and personal benefits. Salary and benefits are competitive and commensurate with experience. More information about BIG can be found at http://www.big.cas.cn/.

Interested candidates shall prepare an application package that includes Curriculum Vitae, description of past achievement and proposed future research, copies of three representative publications, and a list of three referees with detailed contact information. All documents should be directed to fanhy@big.ac.cn.

Assistant/Associate Professor Faculty Position in Melanoma Research

University of Pittsburgh Cancer Institute

Applications are invited for an Assistant/Associate Professor-level faculty position at the University of Pittsburgh Cancer Institute (UPCI), specifically a scientist with PhD and/or MD working in the area of Melanoma Research. We seek applications from basic scientists developing exciting research programs focusing on the molecular mechanisms of melanoma progression including resistance to targeted therapies and tumor-host interactions using relevant model systems in vitro and in vivo. Recruited investigators will have the opportunity to interact closely with clinicians and scientists within the Melanoma Program. The incumbent will have primary appointment in an appropriate Department in the School of Medicine, University of Pittsburgh. The University of Pittsburgh, School of Medicine ranks among the top 10 NIH-funded academic medical centers. At UPCI, research faculty and lab personnel have access to state-of-the-art shared facilities with animal care, microscopy, mass spectrometry, high throughput drug discovery, translational research and clinical pharmacology analytical capabilities. The UPCI laboratories and shared resources are located in the Hillman Cancer Center and Magee-Womens Research Institute.

Successful candidates should have a strong publication record and excellent communications skills. Candidates for Associate Professor level position should have a track record ofextramurally-supported research grant funding. Salary and benefits will be commensurate with experience.

Applicants should provide a one-page statement of research objectives, curriculum vitae, and contact information for three professional references to:
Dr. Maryann Donovan, PhD, MPH
Associate Director for Research Administration, UPCI
C/O Lola Thompson
5150 Centre Avenue, Suite 532
Pittsburgh, PA 15232
Email: thompsonla3@upmc.edu

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GRANTS

2015 Yamada Research Grant

The Yamada Research Grant seeks applications to subsidize creative research in the fields of preventive medicine, environmental protection/apiculture, and specified themes for resolving critical issues through the use of honeybee products such as royal jelly, propolis, honey, bee larvae, bee pollen, or natural supplements such as bilberry and chlorella.

Grant Categories

1) Preventive Medicine
   Research into preventive medicine to further longevity and improve health and QOL of the elderly.
   i. Grant-in-Aid for Young Scientists (under 45 years)
      Grant amount: 500,000 JPY/grant
   ii. General Research Grant
       Grant amount: (A) 1 million JPY/grant (in vitro or in vivo)
                  (B) 2 million JPY/grant (clinical trial)
   iii. Continuing Research Grant
        (for previous recipients of the Yamada Research Grant)
        Grant amount: (A) 2 million JPY/grant (in vitro or in vivo)
                     (B) 5 million JPY/grant (clinical trial)

2) Environmental Protection/Apiculture
   Support for research in the advancement of apiculture.
   Grant amount: 1 million JPY/grant

3) Specified Themes
   Support for research into solutions for urgent and critical issues, with emphasis on supplement usage and/or tailor-made nutrition. This grant is not limited to research into honeybee products.
   Grant Amount: (A) 3 million JPY/year,
                 (B) 5 million JPY/year, (C) 10 million JPY/year

Language: English or Japanese
Application period: May 27 — June 30, 2015
Deadline is 17:00 Japan time.

For more information on how to apply, visit http://www.bee-lab.jp/grant

For inquiries, email the secretariat at research-grant@yamada-bee.com