Positions OPEN

DIRECTOR OF Virology Antiviral Drug Discovery
Southern Research Institute is seeking outstanding applicants for a Director of Virology in our Drug Discovery Division. The successful candidate will report to the vice president of drug discovery. The Division uses an interdisciplinary approach to translate basic research into FDA-approved drugs. We are particularly interested in attracting a scientist with an outstanding research program in virology with translational potential toward the development of medicines to establish or maintain therapeutic targets. Candidates with an interest in collaboration with medicinal chemists, biochemists, the high throughput screening center, and our contract research groups are particularly encouraged to apply. To be a successful candidate must possess a Ph.D. in virology or related discipline and an established track record of research support. The successful candidate will be expected to maintain grant-based funding for his/her research and to manage and mentor existing independent investigators. This is a significant role within the Institute. The successful candidate will also be expected to set the future strategy and continue to grow our efforts in antiviral drug discovery. Applications should include curriculum vitae, a one- to two-page description of prior research experience, and a description of future research goals.

Southern Research Institute, a not-for-profit research organization affiliated with the University of Alabama at Birmingham (UAB), has annual revenues in excess of $70 million and employs approximately 600 professional, technical, and support personnel. The Institute focuses on three therapeutic areas: infectious diseases, oncology, and central nervous system disease. Five anti-cancer drugs and a sixth that protects patients against the side effects of chemo- or radiotherapy were discovered by Institute personnel and are now used in the clinic. Several other new anticancer agents are currently in development or undergoing clinical trials. The Institute also has research programs to identify new agents for the treatment of a variety of bacterial, viral, and fungal diseases and these efforts are expected to lead to additional clinical development candidates. In conjunction with this, a state-of-the-art BSL-3/animal and in vitro BSL-3 facility is available for research with risk group 3 pathogens and is approved for select agents use. As part of a large, bio-medical research community in Birmingham, we are committed to providing a stimulating and rewarding work environment. Close proximity to the UAB campus facilitates interactions with academic and clinical personnel that are affiliated with UAB basic science departments, Comprehensive Cancer Center, Cell Matrix and Adhesion Center, Center for AIDS Research, Center for Biophysical Sciences and Engineering, and the Alabama Drug Discovery Alliance.

Birmingham, Alabama, has a high standard of living afforded by a moderate climate, beautiful wooded terrain, outstanding residential communities and schools, world-class health care, below average cost of living, and a vibrant arts and entertainment scene. Southern Research Institute offers an excellent compensation and benefits package.

You must apply for this position online at our website: http://www.southernresearch.org for Position #02188, Equal Opportunity Employer/Affirmative Action.

Postdoctoral Position Available in Molecular Virology

The University of Alabama at Birmingham is an Equal Opportunity/Affirmative Action employer. Applications from women and ethnic minorities are strongly encouraged.

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Science makes every effort to screen its ads for offensive and/or discriminatory language in accordance with US and non-US law. Since we are an international journal, you may see ads from non-US countries that request applications from specific demographic groups. Since US law does not apply to other countries we try to accommodate recruiting practices of other countries. However, we encourage our readers to alert us to any ads that they feel are discriminatory or offensive.
**The Medical University of South Carolina is an equal opportunity/affirmative action employer.**
The INBEV-BAILLET LATOUR FUND has set itself the goals of encouraging work of great value to humanity and to reward such work through prizes or study grants. The Fund is largely active in medical research, Belgian heritage, university education and the Olympic movement. The InBev-Baillet Latour Fund has been awarding the InBev-Baillet Latour Health Prize within the medical research field, since 1979. This Prize offers the highest monetary reward of all science prizes awarded in Belgium.

The InBev-Baillet Latour Health Prize is intended to encourage fundamental research and its useful applications. Its goal is to reward the scientific achievement of the laureate and to promote the continuation of his/her research.

The first InBev-Baillet Latour Health Prize winner was Sir James W. Black. Since its inception, the Prize has honoured and encouraged 24 researchers.

Prize-winners: www.inBev-baillet-latour.com, see chapter Medical Research, Health Prize, Winners.

For more information and submission or for an application, please contact Chantal Mairesse, Adviser F.R.S. - FNRS
Fonds National de la Recherche Scientifique
Rue d’Egmont 5 / 1000 Bruxelles / Belgium

InBev-Baillet Latour Fund
Alain De Waele, secretary-general
T +32 (0)16 27 61 59
GSM + 32 (0)473 80 84 73
E-mail: alain.dewaele@ibf.be

Awardees InBev-Baillet Latour Health Prize 2009

PROFESSOR KARI ALITALO
Professor at the Finnish Academy of Science; Scientific Head in the Biomedical Helsinki centre of Excellence, specialising in Molecular, Vascular and Cancer Biology.

PROFESSOR SEppo YLÄ-HERTTLUALA
Head of the Cardiologic Disorders and Diabetes Type 2 department of the A.I. Virtanen Research Institute for Molecular Sciences at the University of Kuopio; Vice-President of the European Community for Genetic and Cell Therapy.

Professors Alitalo and Ylää-Herttuala were awarded the 2009 Health Prize for their pioneering research on cardiovascular disorders and more precisely for their contribution to a better understanding of angiogenesis and lymphangiogenesis and their regulation by growth factors and receptors. Thanks to the achievements of these scientists, the impact of the formation of arteries and the lymphatic system on heart and vascular disorders and cancer, is widely recognized.
The NATIONAL RESEARCH COUNCIL OF THE NATIONAL ACADEMIES is accepting applications for a
Postdoctoral Research Award

tenable at the
Walter Reed Army Institute of Research
in Silver Spring, MD

The goal of this research is to identify new compounds for the treatment of Post-Traumatic Stress Disorder (PTSD). Evaluation of treatment strategies will use a rodent model of PTSD to identify candidate compounds for advanced development. Proposals involving evaluation of novel pharmacological strategies are encouraged. The successful proposal will build upon the ongoing construction and implementation of the model and extension to specific applications consistent with the program mission.

Qualified applicants should have a recent Ph.D. in Experimental Psychology, Neuroscience, Pharmacology or a related field with a strong background in behavioral assessment.

For further information contact:
Raymond F. Genovese, Ph.D.
US Army Medical Research and Materiel Command (WRAIR)
503 Robert Grant Avenue
Silver Spring, MD 20910-7500
Telephone: 301/319-9721; Fax: 301/319-9905
E-mail: Raymond.Genovese@US.Army.Mil

Eligibility: US and non-US citizens
Duration: one year with possible renewal for a total of three years maximum
Stipend: $50,600 per annum for recent Ph.D. recipients; higher for additional experience
Other: relocation, professional travel, health insurance
Deadline: August 1, 2009

Applicant must initiate dialogue with prospective Adviser at the lab before application deadline. Applications must be submitted online directly to the NRC at:

www.national-academies.org/rap

Questions may be directed to the NRC at
202-334-2760 (telephone) or rap@nas.edu.

The DEPARTMENT HEAD AND DEAN POSITIONS, ZHEJIANG UNIVERSITY, CHINA

Founded in 1897, Zhejiang University is committed to the highest standards of excellence in education and research, and has been at the forefront of academic scholarship in China. We invite applications and nominations for visionary leaders in the following Departments and Colleges:

Positions:
• Head, Department of Mathematics
  (Website: http://www.math.zju.edu.cn)
• Head, Department of Physics
  (Website: http://physics.zju.edu.cn/)
• Head, Department of Chemistry
  (Website: http://www.chem.zju.edu.cn/)
• Dean, College of Electrical Engineering
  (Website: http://ee.zju.edu.cn/)
• Dean, College of Civil Engineering and Architecture
  (Website: http://www.ccea.zju.edu.cn/)

Duties:
• Managing properties, financial and human resources of the department or the college as authorized by the University
• Improving the quality of teaching and learning, and research skills
• Recruiting outstanding faculty, training current teachers, and building highly qualified faculty team
• Promoting international cooperation and exchange

Term and Recruitment Package:
• Four years term, eligible for reappointment for another term, and full-time work (or no less than 9 months each year)
• State-of-the-art research facilities and strong supporting staffs
• Internationally competitive start-up support, salary and benefits according to qualifications and experience

Requirements:
• Recognized academic qualification, distinguished leadership and effective relationship with both national and international professionals
• Relevant management experience of high education
• Regardless citizenship, fluency in English or Chinese

Documentation Details:
• A comprehensive curriculum vitae
• Copies of advanced degrees and certification of present employment
• List of publications in the past five years
• Addresses, telephone numbers, and e-mail addresses of three to five scholars as references
• A letter of interest addressing vision objectives and goal

Closing Date: July 30, 2009
Contact Person: Zhu Xiaoyun
E-mail: lxbzp@zju.edu.cn (for department head position applicants) or fezju@zju.edu.cn (for dean position applicants);
Tel: +86-571-88981390 88981345; Fax: +86-571-88981976
The Human Frontier Science Program offers fellowships for basic research training in the life sciences across national and scientific boundaries. Applications are invited for two international programs that support postdoctoral investigators who explore new research areas. Frontiers of science are often found at the interface of biological and physical sciences and participation of scientists from outside the life sciences is welcomed. Fellows are expected to be exposed to new literature and methods during the tenure of their award while their previous expertise should be reflected in the research project. Applications from female candidates are particularly encouraged.

• **Long-Term Fellowships** are reserved for applicants with a PhD in biology to embark on a new project in a different field of the life sciences. Preference is given to applicants who propose an original study in biology that marks a departure from their previous Ph.D. or postdoctoral work.

• **Cross-Disciplinary Fellowships** are open to applicants with a PhD from outside the life sciences e.g. in physics, chemistry, mathematics, engineering or computer sciences and who have had limited research experience in biology during their previous training.

Fellowships are for three years and offer flexible use of funding in the final year. The start of the third year can be deferred for up to two years while being supported through other funds thus allowing extension of the training in the host laboratory. Third year funding can also be used to return to the home country allowing the fellows to apply for the

• **HFSP Career Development Award** which provides a 3-year start-up grant of $100,000/year to help establish their first independent laboratory. HFSP fellows can apply after completion of at least two full years of postdoctoral training abroad.

Nationals from any country can apply for training only in a supporting country, while nationals of the HFSP supporting countries can apply to work in any other country. Current supporting members are: Australia, Canada, the European Union, France, Germany, India, Italy, Japan, the Republic of Korea, New Zealand, Norway, Switzerland, the United Kingdom, and the United States of America.

A PhD-bearing assistant (or higher-ranked) professor in an academics-oriented institution,
• Aged below 45 years old.
At least 2,000,000 research funding, favorable working space and living condition.
accepted, you will be endowed with:
• Experienced in collaboration with multicultural and multidisciplinary teams.
• With good command of English communication.
Applicant should be:
• Able to work in Guangzhou Medical University for at least 9 months per year.
Applicants should submit a CV with contact information of three referees; a summary of accomplished research (both in English and Chinese); a future research plan.
Once accepted, you will be endowed with:
1) Regular salary payment at full professor level according to GMU regulation, plus ¥100,000 per year special professorship allowance by The Education Ministry of China for 5-years.
2) At least ¥2,000,000 research funding, favorable working space and living condition.
Contacts:
Jessica Ma, Chen Guanquan
Address: 195 Dongfeng Xi Road, Guangzhou, China 510182
Telephone: 86-20-81340481
Fax: 86-20-81340454
Email: gybgs@vip.163.com; guanquanchen@yahoo.com.cn
Web: www.gzhmc.edu.cn

Guangzhou Medical University (GMU) is a highly qualified academic institution located in Guangzhou, China. As one of its unique subordinate divisions, GMU boasts Guangzhou Institute of Respiratory Diseases (GIRD), a worldwide famous institute led by professor Nanshan Zhong (钟南山). GIRD focuses on a wide range of research interests including but not limited to emerging respiratory diseases (SARS, avian flu, etc), asthma, COPD, chronic cough and lung cancer. In 2007, GIRD was selected by the Ministry of National Science and Technology as the “State Key Laboratory of Respiratory Diseases”. Currently, GMU aims at greater improvement and advances in scientific teamwork. We welcome motivated biomedical scientist to join us as a:

Cheung Kong (Chang Jiang) Scholarship Guest Professor

Eligible applicant should be:
• Aged below 45 years old.
• A PhD-bearing assistant (or higher-ranked) professor in an academics-oriented institution, competent for teaching with core curriculum.
• With demonstrated competence in leadership and protocol implementation
• With good command of English communication.
• Experienced in collaboration with multicultural and multidisciplinary teams.

Applications in hard copy should be addressed to:
Ms. Hayley Fivecoat, Program Manager, Department of Psychiatry, Mount Sinai School of Medicine, NYC, e-mail: hayley.fivecoat@mssm.edu.

 mountsinaishoolofmedicine.org

A faculty position for a Senior Post-doctoral Fellow or Research Assistant Professor with experience in embryonic stem cell biology is available in the Center of Excellence for Novel Approaches to Neurotherapeutics at Mount Sinai School of Medicine (New York, NY). Preference will be given to candidates interested in establishing translational research in experimental models of neuropsychiatric disorders using either pluripotent human/mouse embryonic stem cells (mESCs) or induced pluripotent stem cells (iPSCs).

Qualified applicants should send their CV to: Ms. Hayley Fivecoat, Program Manager, Department of Psychiatry, Mount Sinai School of Medicine, NYC, e-mail: hayley.fivecoat@mssm.edu.

Mount Sinai School of Medicine

Full Professor Position in Applied Physics Chair: Physics of Organic Semiconductors

The Faculty of Mathematics and Natural Sciences of the University of Groningen is seeking applications and nominations for a full professor position in applied physics, chair: Physics of organic semiconductors. The Faculty offers Bachelor, Master and Ph.D. programmes over the entire range of natural sciences. The research in the Faculty is organized in research institutes. The vacancy exists within the Zernike Institute for Advanced Materials, which unites 21 research groups in physics, chemistry, and biology. The Zernike Institute is one of six recognized National Centres of Excellence in The Netherlands. Its mission is design and functionality of novel materials, with a focus on understanding and control at the microscopic level. The Institute thrives on a strong interdisciplinary nature of its research programme and frequent collaborations between its various groups.

The complete text of the advertisement, listing requirements, conditions and instructions for application, can be found on the website of the Zernike Institute for Advanced Materials at: http://www.rug.nl/zernike/vacancies/atmsc/pos

Review of applications will begin August 1st, 2009, and will continue until the position is filled. Applications in hard copy should be addressed to: Head of Personnel Department, University of Groningen, P.O. Box 72, 9700 AB Groningen, The Netherlands; Prof. J. Knoester, Zernike Institute for Advanced Materials, University of Groningen, Nijenborgh 4, 9747 AG Groningen, The Netherlands; By E-mail (Word or PDF) to: m.h.derix@rug.nl. When applying please mention the vacancy number: AT209220.

IU is an EEO/AA Employer, MF/D.
Griffith University is committed to excellence in teaching and research. The University has five campuses and over 37,000 students in the high growth Brisbane-Gold Coast corridor in Australia. The University has an excellent working environment and a positive culture which supports staff development and encourages innovation, diversity and creativity.

Area of Strategic Investment – Drug Discovery with a focus on infectious diseases
As part of the University’s agenda to build reputation and recognition, eight areas of strategic investment (ASI) have been identified. One of these eight is the area of Drug Discovery with a focus on infectious diseases. The University is seeking to appoint a Professor of Medicinal Chemistry and a Professor of Molecular Virology to work in the area of drug discovery. Successful applicants will be offered a five year appointment. A further continuing appointment may be offered at the completion of the five-year term, subject to funding and satisfactory performance. Applications are invited for the following vacancies:

Professor of Medicinal Chemistry
This position will be located within The Eskitis Institute for Cell and Molecular Therapies which commands an international reputation and has four experienced chemistry groups specialising in drug discovery projects. This position will be based on the Nathan campus.
The Professor of Medicinal Chemistry will play a key role in developing medicinal chemistry activities at Eskitis and in building a critical mass of medicinal chemistry expertise as well as strongly pursuing their own research agenda.

Post Doctoral and PhD scholarships
Opportunities may become available with the expansion of the Medicinal Chemistry Group. Expressions of interest are invited from suitable candidates for either post doctoral or PhD scholarship opportunities.

Enquiries: Professor Ron Quinn, Director, email: r.quinn@griffith.edu.au
Reference: ESK0229/09
Closes: 17 July 2009

Professor of Molecular Virology
This position will be located within the Institute for Glycomics which has an international reputation in carbohydrate science and a strong focus in drug discovery. This position will be based on the Gold Coast campus.
The Professor of Molecular Virology will provide leadership for a Molecular Virology group in the area of infectious diseases and will also be expected to achieve excellence in their own research.

Post Doctoral and PhD scholarships
Opportunities may become available with the expansion of the Molecular Virology Group. Expressions of interest are invited from suitable candidates for either post doctoral or PhD scholarship opportunities.

Enquiries: Professor Mark von Itzstein, Director, email: m.vonitzstein@griffith.edu.au
Reference: GLY0228/09
Closes: 17 July 2009

To Apply:
1 | Go to www.griffith.edu.au/hrm/employment/ for further information on the position and selection criteria or phone +61 7 3735 4010 if you do not have internet access.
2 | Follow the specific application process for that position.
3 | Applications must be lodged electronically. All applications will be acknowledged.
Hubert A. and Hazel L. Shaffer Chair of Molecular Genetics

The Center for Neuroscience (www.hsc.wvu.edu/wvucn/) and the Department of Behavioral Medicine and Psychiatry (www.hsc.wvu.edu/som/bmed/) at West Virginia University are seeking an established M.D. or Ph.D. scientist for the Hubert A. and Hazel L. Shaffer Chair of Molecular Genetics. Candidates should have research expertise in molecular genetics or pharmacogenetics of neuropsychiatric illnesses. The selected candidate will be appointed Associate or Full Professor, lead his or her own research group, assume a lead role in the ongoing development of translational research in neuroscience, and have the opportunity to participate in professional education and graduate training. Candidates should have a strong record of externally funded research, with transferable NIH funding, and a commitment to mentoring junior faculty. The position offers a competitive salary and resources needed to develop a strong research program.

West Virginia University is a land grant Carnegie-designated Doctoral/Research-Extensive institution with approximately 20,000 undergraduate and 5,500 graduate/professional students. The Health Sciences Center includes the Schools of Medicine, Pharmacy, Dentistry, and Nursing, each with health professional and graduate programs. Two new research buildings accommodate our aggressive research growth agenda. Patient care facilities include WVU’s 460-bed Ruby Memorial Hospital and 70-bed Chestnut Ridge Psychiatric Hospital. Morgantown is rated one of the best small cities in the U.S. with affordable housing, excellent schools, a picturesque countryside, and many outdoor activities (www.morgantown.com).

Review of applications will continue until the position is filled. Applicants should send their curriculum vitae, research plans, and contact information for three references by email to: cnpositions@hsc.wvu.edu. Inquiries regarding the position can be directed to: James M. O’Donnell, Ph.D., Professor and Vice Chair for Research, Behavioral Medicine and Psychiatry, and Assistant Vice President for Research, West Virginia University Health Sciences Center (304-293-2433; jodonnell@hsc.wvu.edu).

West Virginia University is an Affirmative Action/Equal Opportunity Employer.

Faculty Positions in Circadian Biology

The Department of Biology at Texas A&M University invites applications for faculty positions at the ASSOCIATE or FULL PROFESSOR level in circadian biology.

We are interested in outstanding circadian biologists with well-funded, internationally recognized research programs. We especially invite applications from researchers who will complement a group of seven faculty in the Center for Biological Clocks Research (CIRC) who use molecular, cellular, physiological and behavioral techniques to study circadian clocks in Neurospora, chickens, Drosophila and mice. The primary criteria for selection will be excellence and creativity in research and scholarship in circadian biology, including sleep. We strongly encourage applications from candidates who will increase the exposure of our students to a diverse culture.

The successful candidates will be expected to maintain a vigorous, externally funded research program and to contribute to the teaching of undergraduate and graduate students. We offer a highly interactive and collegial research environment, a strong modern infrastructure, and competitive startup packages. More information about our department can be found at www.bio.tamu.edu. For full consideration, applicants should send a letter of intent, curriculum vitae, statement of research and teaching interests, and three letters of recommendation by September 1, 2009 to:

Dr. Paul Hardin
Chair, Circadian Biology Faculty Search Committee
Department of Biology
Texas A&M University
3258 TAMU
College Station, TX 77843-3258

Questions about this search should be directed to Dr. Hardin at clocksearch@mail.bio.tamu.edu.

Texas A&M University is an Equal Opportunity Employer and has a policy of being responsive to the needs of dual-career couples.

SANFORD SCHOOL OF MEDICINE

Faculty Position

The Division of Basic Biomedical Sciences at the Sanford School of Medicine of The University of South Dakota invites applications for a tenure-track faculty position at the Assistant Professor level. Exceptional applicants at higher levels may also be considered. Applicants must have a Ph.D. and/or M.D., or equivalent degree, and post-doctoral experience. Successful candidates will be expected to develop an independent, externally funded research program. Research in the areas of targeted proteinolyis, protein transport, signal transduction, molecular chaperones, protein quality control or conformational diseases is particularly desired. Preference will be given to applicants whose research complements the existing strengths in protein folding, molecular chaperones, targeted proteinolyis, and signal transduction.

The successful candidate will also be expected to participate in teaching undergraduate, graduate, and medical students. Excellent start-up funds, state-funded salary commensurate with experience and modern research facilities in the new Lee Medical Building, Vermillion, SD will be provided. Application should include curriculum vitae, a summary of past research and teaching experience, a statement of research interests and future plans, as well as three letters of reference. Application may be submitted online at https://yourfuture.sdbor.edu posting number 0002203. Review of applications will begin on July 13, 2009 and continue until position is filled.

Women and minorities are encouraged to apply.

AA/EOE.

MRC Laboratory for Molecular Cell Biology

Group Leaders

We are seeking new Group Leaders with research interests in Molecular Cell Biology. The posts will be ideal for scientists wishing to establish independent research careers, but established Group Leaders will also be considered.

The MRC Laboratory for Molecular Cell Biology (LMCB) is located in modern research facilities on the main University College London (UCL) campus in central London. It currently houses the MRC Cell Biology Unit, as well as UCL groups funded by Cancer Research UK, The Royal Society and the Wellcome Trust. Work in these groups is focused on understanding fundamental problems of cell biology and their relation to human disease in a variety of experimental models. The new Group Leaders will be selected to enhance or complement the current research areas. The LMCB has an interactive research environment, excellent facilities with particular expertise in imaging, an innovative four-year Graduate Programme and close links to the UCL scientific community. Further information about the Institute can be found at http://www.ucl.ac.uk/LMCB/. Informal enquiries can be directed to Professor Mark Marsh (m.marsh@ucl.ac.uk).

Successful applicants will be expected to win competitive personal fellowships from funding agencies such as the Wellcome Trust, Cancer Research UK or the MRC. Applicants should send a full Curriculum Vitae, an outline of research interests, and the names and addresses of four referees to:

Professor Mark Marsh, MRC LMCB
UCL, Gower Street, London WC1E 6BT
United Kingdom

Closing date: 31st July 2009
UCL Taking Action for Equality.
FROM TARGETS TO NOVEL DRUGS

Our company’s mission is to provide new treatment options for diseases with high unmet medical need. We are committed to innovation and to translating ideas from basic research into novel drugs. We are also dedicated to fostering collaborations with excellent academic groups and start-ups. In order to further pool expertise and to join forces with scientists, Bayer Schering Pharma AG intends to support collaborative research projects on attractive molecular targets in the fields of ONCOLOGY • CARDIOLOGY • GYNECOLOGY • IN VIVO IMAGING.

Grants are meant to be provided to support research on promising targets. So if you have discovered a novel molecular drug target and want to develop it further in cooperation with us, please send us your proposal via our website link (www.grants4targets.com). This website contains additional information and the terms and conditions that apply to grant allocation.

The deadlines for applications are June 30, 2009, and September 30, 2009.

FROM TARGETS TO NOVEL DRUGS

Call for proposals:

JAXA International Top Young Fellowship

The Institute of Space and Astronautical Science (ISAS), part of the Japan Aerospace Exploration Agency (JAXA) is one of the leading space science centres. In collaboration with universities, it conducts a full range of space science activities, including topics such as the structure and origin of the universe; formation of the earth and solar system; utilization of the space environment for microgravity experiments; and space engineering to enable these activities by developing future technologies.

As part of its on-going commitment to remain at the forefront of space science, ISAS/JAXA has established a prestigious new fellowship program, the JAXA International Top Young Fellowship. This is designed to attract outstanding, highly motivated, young researchers in any of the space science fields covered by ISAS/JAXA to work in Japan for 3 (extendable to 5) years. The excellent remuneration package (see below) includes generous travel support so that the fellows can extend their international profile, as well as developing collaborations within Japan.

This Fellowship program will offer the special salary to the fellows of 780,000 Japanese Yen/month (equivalent to 93,600 USD/year at a typical exchange rate of 100 JPY/dollar.) The program will provide them with the financial support for expenses for travel and equipment up to a maximum of 2,500,000 Japanese Yen/year

The closing date: July 15, 2009

For further information about JAXA International Top Young Fellowship, visit: http://www.jaxa.jp/employ/index_e.html

Contact information
Personnel, Research Promotion Office
Institute of Space and Astronautical Science
Japan Aerospace Exploration Agency
E-mail: young_fellowship@jaxa.jp
The Department of Microbiology and Immunology, College of Medicine, University of Saskatchewan, invites applications for a tenure track faculty position as an Assistant Professor in the discipline of bacterial physiology/genetics. We are interested in an outstanding individual who will pursue a vigorous research program. Applicants must have a PhD or equivalent, postdoctoral research experience, demonstrated research ability and have an interest in undergraduate and graduate education. We are seeking an individual with expertise in bacterial physiology/genetics, with interests in gene or protein function in the context of bacterial physiology/pathogenesis and/or of host-pathogen interactions.

The successful applicant will have a broad range of interactive possibilities on campus with scientists in cognate departments and colleges, including the Vaccine and Infectious Disease Organization, the Toxicology Centre, Saskatchewan Structural Sciences Centre, and the synchrotron facility (Canadian Light Source), plus a number of national and provincial research institutes. There is an active research park adjacent to campus dedicated to the commercialization of innovation. A state of the art BSL3 and ABSL3 core facility (INTERVAC) is under construction along with extensive renovation and expansion of the Academic Health Sciences Complex.

The department offers vigorous undergraduate and graduate programs. Its members are involved in basic and translational research and are members of various campus-wide research groups, including the Molecular Design Research Group.

The University of Saskatchewan (www.usask.ca) is situated along a river in the vibrant city of Saskatoon (www.tourismsaskatoon.com), which is a hub of scientific research, the arts, resource development and agriculture. Applicants for the position should provide curriculum vitae, a statement of research interests and specific goals, and the names of three referees to: Dr. Peter Bretcher, Head, Department of Microbiology and Immunology, College of Medicine, University of Saskatchewan, 107 Wiggins Rd., Saskatoon, SK S7N 5E5 Canada. Review of applications will begin on August 15, 2009 and continue until a successful candidate is chosen.

Applications are invited from qualified individuals regardless of their immigration status; however, Canadian or permanent residents will be given priority. The University of Saskatchewan is committed to Employment Equity. Members of Designated Groups (women, aboriginal people, people with disabilities and visible minorities) are encouraged to apply and identify themselves as belonging to a designated group.

MICHIGAN STATE UNIVERSITY
Division of Reproductive Biology
Department of Obstetrics, Gynecology and Reproductive Biology

The Department of Obstetrics, Gynecology and Reproductive Biology in the College of Human Medicine at Michigan State University is embarking on a significant expansion of its research enterprise. The stated mission of the Department of Obstetrics, Gynecology and Reproductive Biology is to understand the mechanisms of diseases relevant to women’s health and translate that understanding into novel diagnostics and therapies for relevant diseases. Four positions are available for outstanding faculty to join Dr. Asgi Fazleabas (Associate Chair and Director, Center for Women’s Health Research) and Dr. John Risinger (Director, Center for Gynecological Oncology Research) in Grand Rapids, Michigan. Qualifications include an earned M.D. or PhD in a relevant specialty and post doctoral training. A highly competitive salary and excellent start up packages will be available to the selected candidates who will have tenure accruing positions at Michigan State University. Applicants who are not U.S. citizens or permanent residents must provide documentation of employment authorization in the United States. Applications/nominations should include a current curriculum vitae and a personal statement of research interests and future goals and names and contact information of three referees. Electronic submission of applications is preferred. The review of applications will begin on October 1, 2009, and will continue until the positions are filled.

Preference will be given to applicants with a successful track record of sustained, collaborative, peer-reviewed funding, with preference given to NIH funded investigators, and high quality publications in topics related to women’s health that have the potential of being competitive for extramural funding to maintain an active research program. The Department is particularly interested in candidates with research interests in uterine and implantation biology, leiomyoma, endometriosis, and gynecologic oncology. Candidates with expertise in stem cell biology, molecular and cellular biology and/or animal models for gynecological diseases and gynecologic cancer are strongly encouraged to apply. The successful candidates will have the opportunity and resources to develop highly collaborative basic and translational research programs within the department in Grand Rapids, MI in conjunction with the Van Andel Institute, Spectrum Health Research Institute and Michigan State University CTSI Program.

In the past decade Grand Rapids has become a major center for medical research, teaching, training and patient care (NY Times, July 11, 2007). The city also offers an excellent quality of life, with outstanding schools, affordable housing and easy access to many recreational areas in Michigan.

All applications and inquiries will be kept confidential. Direct correspondence and inquiries to: Lou Candiotti – Chief Department Administrator, Obstetrics, Gynecology and Reproductive Biology, 630 East Fee, East Lansing, MI 48824. Email – louis.candiotti@hc.msu.edu; Phone: 517-884-6031.

Michigan State University is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations from women, persons of color, veterans and persons with disabilities. MSU IS AN AFFIRMATIVE ACTION, EQUAL OPPORTUNITY EMPLOYER.

USDA, Agricultural Research Service (ARS), Plant Sciences Institute, Sustainable Perennial Crops Laboratory in Beltsville Maryland is seeking a Research Geneticist (Plants) position. The successful candidate will establish independent research and develop a program to evaluate and characterize tropical plant germplasm, specifically Theobroma cacao and develop technologies for improving germplasm utilization and conservation. A PhD. degree in an appropriate field that placed emphasis on genetics is required. Demonstrated fundamental research productivity in germplasm evaluation and international experience are essential for this position.

Questions regarding the duties of this position should be directed to Lyndel Meinhardt: Lyndel.meinhardt@ars.usda.gov, (301) 504-1995. For additional information, refer to Announcement #: ARS-X9E-0144 at http://www.afm.ars.usda.gov/divisions/hrd/vacancy/VAC2.HTM.

U.S. citizenship is required. The USDA/ARS is an Equal Opportunity Provider and Employer.
ADVANCED BIOLOGY TRAINING COURSE IN ANTARCTICA January 2010
UNIVERSITY OF SOUTHERN CALIFORNIA

“Integrative Biology and Adaptation of Antarctic Marine Organisms”

This National Science Foundation sponsored course will be held in Antarctica at the United States’ McMurdo Station for one month, starting January 2010. This is an international course, open to all nationalities. Applications are invited from graduate students currently enrolled in a Ph.D. program, postdoctoral fellows, and early-career faculty who are interested in the study of extreme environments and the biology of Antarctic marine organisms. Full scholarships are available for each participant accepted into the course to cover the cost of travel from home institution to Antarctica, and room and board while in Antarctica. The emphasis of the Antarctic Biology Course is on integrative biology, with laboratory- and field-based projects focused on biological adaptations in extreme environments, with an emphasis on rapid climate change in polar regions. A diverse teaching faculty will offer students the opportunity to study a wide range of Antarctic organisms (bacteria/archaea, algae, invertebrates, and fish), as well as studying several different levels of biological analysis (molecular biology, biomechanics, physiological ecology, species diversity, and evolution).

Deadline for receipt of completed applications is August 1, 2009.

For more information and on-line applications, please see:
http://antarctica.usc.edu

The Department of Chemistry and the Center for Nanointegration Duisburg-Essen (CeNIDE) invite applications for

Two Full Professorships (W3) in Chemistry:
(a) Chair in Physical Chemistry
(b) Chair in Technical Chemistry/Chemical Engineering

We are seeking two internationally renowned scientists with outstanding track records of scientific achievements, who will establish a highly visible research program preferentially in one or more of the following areas:
- Colloidal chemistry
- Functional polymeric materials with an emphasis on reaction engineering
- Functional nanoparticles
- Biomimetic Membranes
- Nanoscale organic inorganic hybrid materials
- Rheological and structural properties of suspensions, dispersions, gels

As the positions will be joint appointments by the Department of Chemistry and CeNIDE and have been identified as part of the University’s strategic appointments, competitive start-up packages will be made available. This includes laboratory space in the new Chemistry Building and the NanoEnergy Technology Center. The successful candidates are explicitly invited to play a leading role in the further development of the broad nano-initiative of the University of Duisburg-Essen, represented by CeNIDE.

CeNIDE, established in 2005, is the University’s framework for its strategic efforts in nanosciences. 40 research groups from Chemistry, Electrical Engineering, Physics and Mechanical Engineering with a total of about 200 scientists presently participate. CeNIDE research groups are well funded by state, federal and European funding agencies. The German Research Foundation has recognized the strength of nanosciences at the University of Duisburg-Essen by granting three Collaborative Research Centers and a Research Training Network with a combined annual budget of 5.5 Mio. € (one of the highest numbers of cooperative networks funded in the nanosciences in Germany).

The Department of Chemistry with a faculty of 24 tenured professors attracts about 250 new students every academic year. It runs an international graduate program with presently 160 PhD students and has a research income of 3 Mio. € per year. Fundamental research on functional materials linked to the CeNIDE nanosciences activities and/or towards the life sciences is one research focus and of particular importance with regard to the positions to be filled. Supramolecular chemistry, biofilms, water sciences, and chemical education are further foci of the research program. It is expected that the candidates will participate in teaching all relevant courses in Physical or Technical Chemistry, respectively, in the various B.Sc. and M.Sc. study programs at the department.

The preconditions according to the university law § 36 Hochschulgesetz NRW (HG) are a university degree, pedagogical abilities, a doctoral degree and further scientific qualifications. These qualifications may - among others - consist of a junior professorship or a post-doctoral degree (Habilitat).

The Universität Duisburg-Essen is an equal-opportunity employer committed to excellence through diversity and therefore explicitly encourages applications from women. Disabled persons with equivalent qualifications will be considered preferentially.

Candidates are invited to submit their application, including curriculum vitae, publication list, statement of research interests and future research plans at UDE, teaching and fund raising records, as well as documentation of their academic degrees, to the Dean of the Department of Chemistry, Prof. M. Eppl, University of Duisburg-Essen, Universitätsstr. 2, 45141 E, Germany; e-mail matthias.eppl@uni-dues.de.

It must be clearly stated in the application to which position (i.e. Physical Chemistry or Technical Chemistry) it refers. In the case of a suitable qualification, a candidate may also apply to both positions. Again, this must be clearly stated in the application letter.

You may also contact Prof. M. Eppl (Department of Chemistry), Tel. (+49) (201) 183 2413 and Prof. A. Lorke (CeNIDE), Tel. (+49) (203) 3 379 3265, for further information.

You will find additional information at www.uni-dues.de (on the University of Duisburg-Essen), at www.uni-dues.de/chemie (on the Department of Chemistry), and at www.cenide.de (on CeNIDE).
ASSISTANT/ASSOCIATE PROFESSOR
Center of Excellence for Infectious Diseases

The newly created Center of Excellence for Infectious Diseases at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center, El Paso, invites applications for tenure-track faculty positions at Assistant or Associate Professor level. This is part of a state-funded initiative to enhance research in infectious diseases. The Center is primarily interested in investigators with research interests in molecular immunology, host-pathogen interactions, vaccine development, and animal models for translational studies.

Successful candidates are expected to develop and maintain independently funded research programs in infectious diseases or a related field. The position reports to the co-directors of the Center of Excellence for Infectious Diseases.

Minimum qualifications: M.D. or Ph.D. degree in a related field and at least three years of postdoctoral experience with a strong publication record. Preferred qualifications: Candidates with funded grant support and experience in emerging infectious diseases or cutting-edge technologies are particularly encouraged to apply.

The Center offers competitive salary and startup packages, newly constructed laboratory space, BSL-2 and BSL-3 laboratories, and a supportive interactive environment. Interested candidates must apply online at: website: http://jobs.texastech.edu, requisition #77147 by submitting curriculum vitae, a short write-up of research interests, and three letters of recommendation. For further information, please e-mail or contact:

Manjunath Swamy, M.D.
E-mail: manjunath.swamy@ttuhsc.edu
Dr. Premalata Shankar, M.D.
E-mail: prshankar@ttuhsc.edu

Co-Directors of the Center for Excellence for Infectious Diseases

The positions are open until filled. Application review will begin immediately.

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

The University of California, Davis (UCD) Departments of Psychology, Molecular and Cellular Medicine are seeking candidates for a full-time academic position (tenure track/tenured) at the ASSISTANT or ASSOCIATE PROFESSOR level. Candidates must have a Ph.D. (or M.D./Ph.D.) degree in molecular genetics or a related field. Individuals should have a documented track record of research in conducting genomewide analyses of CNVs (copy number variations) with respect to identifying risk factors for a wide variety of neuropsychiatric disease
cases. Collaborations are available to work with research scholars in examining the genetic bases for schizophrenia, bipolar disorders, alcoholism, anxiety disorders as well as post traumatic stress disorder and other serious mental disorders. A proven track record in a research- or academic-related setting and a demonstrated track record in publishing peer-reviewed research articles and obtaining research grants are necessary. Candidates are expected to view the websites of the two departments at: http://psychiatry.ucsd.edu and http://cmm.ucsd.edu. The candidate’s rank and step will be determined by individual academic qualifications and experience. Salary is based upon University of California salary scales. Review of applications will begin on June 30, 2009, and continue until the position is filled. Travel, letter, and all other supporting documentation must be sent electronically by August 14, 2009, to e-mail: cwendt1@unl.edu. The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.

Memorial Sloan-Kettering Cancer Center – RESEARCH ASSOCIATE POSITION in Cancer Population Genetics and Genomics. Starting July 1, 2009. Focus on inherited susceptibility to cancers of the breast, ovary, colon, prostate, and lymphoma. Methodologies include next generation sequencing, genomics studies, population genetics, and candidate gene associate studies (see, for example, PubMed ID 18326623, 18251999, 17999359). Applicant must have strong background in cancer genetics, population genetics, and molecular biology, and high throughput genotyping. Send application and three letters of reference to: Kenneth Offit, M.D., M.P.H., Clinic Genetics Service, Box 192, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10065, Fax: 646-888-4601. E-mail: offitk@mskcc.org. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer with a strong commitment to enhancing the diversity of its faculty and staff. Women and applicants from diverse racial, ethnic, and cultural backgrounds are encouraged to apply.

ASSISTANT/ASSOCIATE PROFESSOR OF PHYSIOLOGY
Southern Illinois University Carbondale

The Department of Physiology at Southern Illinois University Carbondale’s School of Medicine, Carbondale, invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor effective January 1, 2010. The specific area of research the candidate should be competitive for extramural funding and preferably complement existing departmental strengths in cancer biology, neuroscience, reproduction, endocrinology, aging, and metabolism/obesity. The successful candidate will be expected to contribute to the medical school, graduate, and/or undergraduate teaching programs. The position includes a 10 percent time, 12-month, state-funded salary, spacious research facilities, and substantial startup funds. The University has over 22,000 students, making it the second largest public university in Illinois. Applicants must have a Ph.D. (or equivalent degree) and evidence of high-quality research potential. Postdoctoral experience is required. For appointment at the associate level, the candidate should have faculty status at a university (or equivalent), an extramurally funded research program, and a strong record of research productivity as evidenced by a history of extramural funding and extensive publications in scientific journals. Additional departmental information is available at: http://www.siumed.edu/physiology/

Review of applications will begin July 1, 2009, and will continue until the position is filled. Applicants should submit curriculum vitae and description of research and teaching interests and should arrange to have at least three letters of reference sent to:

Faculty Search Committee
c/o Dr. Peter R. Patrylo
Department of Physiology
School of Medicine
Mail Code C103
Southern Illinois University Carbondale
1125 Lincoln Drive
Carbondale, IL 62901

SIRC is an Affirmative Action/Equal Opportunity Employer that is committed to equality of opportunity for all faculty and staff to increase their potential to serve a diverse student population. All applications are welcomed and encouraged, and will receive consideration. This is a security sensitive position. Before any offer of employment is made, the University will conduct a preemployment drug test.

POSTDOCTORAL POSITIONS available for recent graduates with Ph.D. and/or M.D. degrees with a commitment to research careers in diabetes and related diseases. Studies are being conducted in the areas of islet biology and transplantation, beta cell proliferation, endodermally derived endocrine tissue, immune tolerance and histocompatibility molecules in type 1 diabetes, electrophysiology of ATP-sensitive potassium channels, insulin resistance in aging, diabetic neuropathy, insulin signaling, glucose transporters, lipid synthesis, metabolism, vascular diseases, pregnancy, and malformations in diabetes. Send curriculum vitae to: Dr. Michael L. McDaniel, Department of Pathology and Immunology, Campus Box 8118, Washington University School of Medicine, St. Louis, MO 63110. E-mail: mmcdaniel@wustl.edu, Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS available for recent graduates with Ph.D. and/or M.D. degrees with a commitment to research careers in diabetes and related diseases. Studies are being conducted in the areas of islet biology and transplantation, beta cell proliferation, endodermally derived endocrine tissue, immune tolerance and histocompatibility molecules in type 1 diabetes, electrophysiology of ATP-sensitive potassium channels, insulin resistance in aging, diabetic neuropathy, insulin signaling, glucose transporters, lipid synthesis, metabolism, vascular diseases, pregnancy, and malformations in diabetes. Send curriculum vitae to: Dr. Michael L. McDaniel, Department of Pathology and Immunology, Campus Box 8118, Washington University School of Medicine, St. Louis, MO 63110. E-mail: mmcdaniel@wustl.edu, Affirmative Action/Equal Opportunity Employer.

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