The Max Planck Society announces
Max Planck Research Group
in the Area of
Network Analysis in Biomedicine

As a result of the joint effort of the Max Planck Society, the Ministry for Innovation, Science, Research and Technology of the State of North Rhine-Westphalia and the Medical Faculty of the University of Münster, to foster stem cell research for the study of human degenerative disease, the Max Planck Institute for Molecular Biomedicine (www.mpi-muenster.mpg.de) has an opening for a Max Planck Research Group. The group leader position as well as modern laboratory space is guaranteed for five years (W2; equivalent to associate professor level), he or she is entitled to funding for a research group. The institute runs an International PhD Program (IMPRS) and has strong links to the University of Münster.

The Max Planck Institute with its network (such as the Lead Discovery Center and the Chemical Genomics Centre of the Max Planck Society located in nearby Dortmund), offers an ideal interdisciplinary research environment for computational biology scientists interested in developing molecular and metabolic in silico models for stem cells, normal and pathophysiological processes.

The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply. The Max Planck Society is also committed to employing more handicapped individuals and especially encourages them to apply.

Further information can be obtained through Hans Schöler, Director, Max Planck Institute for Molecular Biomedicine. Email: office@mpi-muenster.mpg.de

Please send your online application until June 20, 2010. Application requirements are detailed on www.mpi-muenster.mpg.de/career/openings/index.html

The selected candidates will be invited to Münster to participate in a symposium (August 5, 2010).
The Brain Science Institute (BSI) of RIKEN in Wako, Japan, invites applications from candidates for a tenure-track Team Leader position (equivalent to a U.S. Assistant or Associate Professor) or a tenured Senior Team Leader position (equivalent to U.S. Full Professor).

The area and theme of research we wish to strengthen are broad, covering molecular, cellular, genetic, neural circuit and systems neuroscience in health and disease. We are particularly interested in investigators who study basic mechanisms of nervous system function using an interdisciplinary approach that includes some combination of genetics, electrophysiology, optical imaging and behavioral neuroscience.

Candidates for the Team Leader positions should have demonstrated the strong ability to develop a significant and original research program, while candidates for the Senior Team Leader position should be one of the world leaders in his/her research field.

A generous annual research fund and start-up package will be provided, in addition to an apartment/condo rental allowance and other employee benefits.

The Search Committee will begin reviewing applications immediately. The search will continue until the position is filled. Interested applicants should submit a curriculum vitae, a summary of current and proposed research, and arrange for three letters of recommendation, all to be sent to:

Search Committee 1, RIKEN Brain Science Institute
2-1 Hirosawa, Wako, Saitama 351-0198, Japan
Fax: +81-48-467-9683; Email: search20101@brain.riken.jp
http://www.brain.riken.jp

Search Committee 2, RIKEN Brain Science Institute
2-1 Hirosawa, Wako, Saitama 351-0198, Japan
Fax: +81-48-467-9683; Email: search20102@brain.riken.jp
http://www.brain.riken.jp

RIKEN-BSI is an Equal Employment Opportunity Employer. Women are strongly encouraged to apply.
The National Eye Institute (NEI), Office of the Scientific Director, seeks an outstanding clinician-scientist for a tenure-track position to develop an independent translational research program with a focus on retinal diseases.

**Position:** Tenure Track Position in the Office of the Scientific Director

**Department:** Department of Health and Human Services (DHHS)

**National Institutes of Health (NIH)**

**National Eye Institute (NEI)**

**THE POSITION:** Join our senior scientific team and help lead critical efforts to enhance the scientific review of NIH grant applications. Your creative decisions, leadership and team building could significantly affect the direction of science and health in the U.S. and abroad. The Center for Scientific Review (CSR) is seeking a Director for its Division of AIDS, Behavioral and Population Sciences (DABPS). If you are selected and join us, you would report directly to the CSR Director and provide scientific leadership for the Division by tracking trends in the broad scientific areas covered by the Division, including AIDS-related research, health care delivery and methodologies, epidemiology, development of analytical tools, behavior and its impact on community health, demographic influences on health indicators, and health related population studies. The Director of DABPS, advises the Director of CSR, and other NIH officials on scientific issues relevant to the Division and its mission, and represents CSR within and outside of NIH. You would lead approximately 50 Scientific Review Officers (SROs) and the review activities of 40-50 study sections in 5 Integrated Review Groups (IRGs) by supervising 5 IRG Chiefs in managing a broad range of human resources issues, recruiting and mentoring, ensuring that peer review principles and practices are applied in a consistent manner across the Division, and overseeing management of the Division’s budget.

As the DABPS Director, you would play a key role in developing plans and providing direction as the peer review process evolves and NIH works to maintain and enhance it. You also would: 1) participate in strategic planning activities for achieving CSR’s scientific and management goals; 2) establish principles and practices related to referral and review; and 3) direct implementation of program and management changes by establishing priorities, coordinating activities, and tracking and reporting progress. Additional information on CSR is available on our Web site: www.csr.nih.gov.

**QUALIFICATIONS REQUIRED:** Applicants must possess an M.D., Ph.D., or equivalent degree, as well as senior-level research experience in one or more of the following scientific areas: biobehavioral and behavioral processes; risk, prevention and health behavior; population sciences and epidemiology; healthcare delivery and methodologies; and AIDS and AIDS related research. Candidates should be outstanding communicators, known and respected within their professions as distinguished individuals with recognized competence, have supervisory and mentoring experience, including experience representing an organization with integrity and diplomacy. Visionary leadership characteristics are crucial to attract and nurture outstanding professional staff to best serve the nation’s biomedical scientific mission at the NIH. Applicants should also demonstrate the ability to think strategically, work collaboratively and use a consultative approach to problem solving and decision making.

**SALARY/BENEFITS:** Salary is commensurate with qualifications and experience. Full Federal benefits including leave, health and life insurance, long-term care insurance, retirement, and savings plan (401K equivalent) will be provided. This position is subject to the conflict of interest statutes and regulations that govern activities with outside organizations. This position will require completion of an annual public financial disclosure report and is subject to a background investigation.

**HOW TO APPLY:** Send your Curriculum Vitae, Bibliography, and the names and contact information for three to five references so they are received by June 30, 2010. You also are encouraged to submit a two-page letter of intent detailing your interest in this position. Application packages should be sent to the National Institutes of Health (NIH), Center for Scientific Review, 6701 Rockledge Drive, Room 1120, Bethesda, Maryland 20892 or electronically e-mailed to stroha@csr.nih.gov. For further information, please contact Anne Stroh on (301) 435-0630. All information provided by candidates will remain confidential and will not be released outside the CSR search process without a signed release from candidates.

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The intramural program of the National Eye Institute invites applications for a position as a research scientist within the Laboratory of Sensorimotor Research. This position may be either tenured or tenure track with conversion to tenure anytime within six years. Applicants will be expected to establish an independent research program related to understanding the neurobiology of the visual and/or oculomotor system.

The Laboratory of Sensorimotor Research is devoted to understanding the organization of the brain related to the control of eye movements and visual perception. It has excellent facilities for the study of these systems in awake behaving primates, including dedicated computer systems, a machine shop, an electronics shop, and a histology lab. The Laboratory also provides the opportunity to collaborate on studies of human patients with diseases related to the visual and oculomotor systems. Although the Laboratory of Sensorimotor Research has historically studied primates, scientists using other species to study systems-level organization in ways not currently possible in primates will also be considered. Applicants should have a PhD or an MD/PhD and an outstanding record of accomplishments in visual or visuomotor systems neuroscience.

This position will remain open until filled. Candidates should send a brief cover letter, curriculum vitae, bibliography, a one- or two-page statement of current research interests, copies of five recent, relevant publications, and three letters of recommendation to Okihide Hikosaka, Search Committee Chair, Building 49, Room 2A50, NIH, Bethesda, MD 20892-4435.

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The National Eye Institute does not discriminate in employment on the basis of race, color, religion, sex, national origin, political affiliation, sexual orientation, marital status, disability, age, membership in an employee organization, or other non-merit factor.
The University of Arizona is internationally acclaimed for excellence in clinical care, education, and scientific research.

**CHAIR, DEPARTMENT OF PATHOLOGY**  
Mount Sinai School of Medicine, New York, NY

Mount Sinai School of Medicine invites applications and nominations for the position of Chair of the Lillian and Henry M. Stratton-Hans Popper Department of Pathology, to succeed Dr. Alan Schiller. Dr. Alan Schiller will be stepping down after more than 20 years as Chair. The Department has 80 full time faculty members (60 M.D. and 20 Ph.D.) and 51 residents and fellows.

We seek a recognized leader with an outstanding academic background, including strong clinical and research credentials, demonstrated commitment to education, experience in mentoring junior faculty, and proven leadership and management skills. The Chair will have an opportunity to build upon an already outstanding department. Candidates must have a MD or MD PhD, Board certification in Anatomic and/or Clinical Pathology preferred, an outstanding record of scientific achievement in Pathology research and proven leadership ability.

The Mount Sinai Pathology department is a vibrant, interactive department, dedicated to leading clinical service, research, and teaching in the 21st century. The department’s combined programs perform an estimated 110,000 surgical specimen examinations, 6,500 operating room consultations, 65,000 cytopathology examinations, 250 autopsies and 1 million clinical laboratory procedures each year.

Mount Sinai School of Medicine and Mount Sinai Hospital are among the world’s leading biomedical institutions. The Medical Center is in the middle of a $1 billion capital campaign in support of our $2.25 Billion strategic plan whose primary focus is on the delivery of outstanding clinical care and translational research leading to therapeutic discoveries. A major new research building, the Center for Science and Medicine, focusing on translational research is under construction with an expected occupancy mid-2012. Our leadership is committed to maintaining and growing this outstanding Pathology department. The Medical Center will provide the resources necessary to recruit the highest quality scientists and clinicians.

We offer a competitive salary and an excellent benefits package. Please send a letter of application or nomination, with curriculum vitae, to: Steven J. Burakoff, MD, Director, The Tisch Cancer Institute, Mount Sinai School of Medicine, 1 Gustave Levy Place, Box 1079, New York, NY 10029.

To receive full consideration, applications should arrive by August 27, 2010.

Mount Sinai Medical Center is an equal opportunity/affirmative action employer. We recognize the power and importance of a diverse employee population and strongly encourage applicants with various experiences and backgrounds.
Director and Senior Faculty Positions
Sealy Center for Structural Biology and Molecular Biophysics, and
Department of Biochemistry and Molecular Biology

The University of Texas Medical Branch at Galveston (UTMB) invites nominations and applications for a Director and two additional faculty appointments in the Sealy Center for Structural Biology and Molecular Biophysics (SCSBMB) [http://www.scsb.utmb.edu/] and the Department of Biochemistry and Molecular Biology [http://www.bmb.utmb.edu/]. All appointments will be at tenure-track Associate or Full Professor levels. The Center’s mission is for SCSBMB faculty to establish and maintain independent funded research programs in structural biology and molecular biophysics, and to partner with researchers in clinical and biological departments to solve structural and quantitative biology problems with translational endpoints as a goal. The SCSBMB currently has 17 faculty members with independent research programs, a graduate program in molecular biophysics, and four well-run core laboratories in X-ray, Cryo-EM, NMR, and Molecular Biophysics, each of which is professionally managed by an excellent PhD-level manager. Core facility instruments include: a new 2200 JEOL Cryo-EM in BSL/3 containment, as well as new (non-contained) JEOL 2100 and 1400 Cryo-EM instruments; 800, 750 and 600 MHz NMR instruments scheduled this year for upgrade with cryo probes; multiple crystallography robots and two X-ray area detection systems scheduled for upgrade within 2010; and solution biophysics core lab instrumentation including a Biacore T-100, a Thermofluor high-throughput-screening instrument, plus spectroscopic, kinetic, calorimetric, analytical UC, and mass spectrometry instrumentation.

**Director** - We seek an MD and/or PhD degree scientist with an outstanding, independently funded research program in structural biology/molecular biophysics, and with leadership and managerial qualities that will enable the Center to thrive in pursuit of its mission. In this regard, the Director is to partner with the Center’s faculty in maintaining an outstanding and collegial scientific environment for the promotion of individual and collective investigator-driven basic, translational and applied research. The Center Director will have an academic appointment in the Department of Biochemistry and Molecular Biology and will report directly to the Dean of the School of Medicine on matters pertaining to the SCSBMB. The Director has fiduciary responsibilities for the Center that include its budget, oversight of core facilities and staff, and maintaining a collegial and productive scientific environment within the Center and with UTMB’s other departments and research centers of excellence.

**Senior Faculty** - We invite applications at the levels of tenure-track Associate or Full Professor in all areas of structural biology and molecular biophysics for appointment in the SCSBMB and the Department of Biochemistry and Molecular Biology. Successful candidates must be highly motivated and dynamic individuals with a PhD or MD degree, a strong publication record, and a record of independent well-funded grant support. The ideal candidates will have extensive experience in problem-oriented solution molecular biophysics, crystallography, mass spectrometry, cryo-electron microscopy, high-field NMR spectroscopy, or computational biology applied to study of the structure, dynamics, novel mechanisms, and functions of bio-macromolecules, viruses, membranes, etc. in accordance with the mission of the Center. Candidates should be energized by opportunities to interact with the UTMB environment of established biomedical researchers and to become outstanding mentors to grad students and postdoctoral fellows. Rich opportunities exist for interactions and affiliation among SCSBMB colleagues and with such departments, centers and programs of excellence as the Galveston National Laboratory, the Center for Biodefense and Emerging Infectious Diseases, the Institute for Translational Sciences, the Sealy Center for Cancer Cell Biology, the Sealy Center for Environmental Health and Medicine, the Sealy Center for Aging, the George P. and Cynthia Woods Mitchell Center for Neurodegenerative Diseases, the WHO Center for Tropical Diseases; the Departments of Cell Biology and Neuroscience, Pharmacology and Toxicology, and Microbiology and Immunology; the Chemical Biology Program, headed by a Welch Distinguished University Chair. These and other entities provide a wide variety of core services, e.g. in recombinant DNA, genomics, proteomics, high-throughput drug screening, mass spectrometry, membrane protein crystallization, protein chemistry, expression and purification. Excellent collaborative opportunities also exist through UTMB’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience Research and Training http://cohesion.rice.edu/centersandinst/gcc/. A very attractive recruitment package of salary, start-up and space will be offered.

Application - Direct inquiries to **Dr. W. Bujalowski**, wbujalow@utmb.edu, 409-772-5634. Applicants are requested to submit: a cover letter expressing their interest in being considered, their curriculum vitae, a summary of research accomplishments and future goals (3-5 pages), and the names, addresses, and telephone numbers of five references to:

**BMB.recruiting@UTMB.edu**

**Structural Biology Recruitment Committee**  
Department of Biochemistry and Molecular Biology  
The University of Texas Medical Branch at Galveston  
301 University Blvd., Galveston, TX 77555-0645

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**UTMB is an Equal Opportunity, Affirmative Action Institution that proudly values diversity. Candidates of all backgrounds are encouraged to apply.**
MENTORING Early-Career Scientists

WEBINAR

One of scientists’ important roles, whether they work in academia, industry, or government research, is mentoring the next generation of scientists. Join us for a roundtable discussion that will look at strategies to help scientists develop new skills, methods of maintaining open lines of communication, ways to handle difficult situations, and approaches for preparing scientists for independent careers. This webinar will provide nuts and bolts advice about how to best help students, postdocs, and other early-career scientists start their careers on the right foot.

Questions can be asked live!

Register TODAY: www.sciencecareers.org/webinar

Lab Director and Division Directors,
Dalian National Laboratory for Clean Energy

Dalian National Laboratory for Clean Energy (DNL), based mainly on Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (CAS), is looking for outstanding candidates for DNL director and division directors. The divisions are optimized utilization of fossil energy, low carbon catalysis & engineering, energy saving & energy environment, fuel cell & energy storage, hydrogen energy, biomass energy, solar energy, maritime renewable energy and basic & strategic studies on energy. More details about DICP and DNL can be found at http://www.dicp.ac.cn.

The DNL director is responsible for the overall management of the DNL laboratory. He/she provides leadership and direction to DNL, which supports research and education in all divisions and related fields. The division director assesses needs and trends in research in individual division, implements overall strategic planning and policy-setting for division activities.

Successful candidates for these positions should have Ph.D. degree or equivalent experience; a minimum of 10 years experience in energy related researches; substantial research contributions and strong evidence of scholarship as evidenced in publications; proven experience demonstrating innovative leadership in research administration; demonstrated knowledge of the research activities and issues associated with the academic community; knowledge of grant and contract administration, fiscal management, and budget preparation with experience in scientific research support.

DNL offers a highly competitive salary, excellent benefits and a generous scientific research fund.

Applicants may send a complete CV with a full publication list to Dr. Hua’an Zhang (zhangha@dicp.ac.cn) or Prof. Can Li (canli@dicp.ac.cn), or mailed or delivered to the following address: Dalian Institute of Chemical Physics, 457 Zhongshan Road, 116023, Dalian, China.

The Gruss Lipper Family Foundation invites you to apply to the Gruss Lipper Post-Doctoral Fellowship Program

Eligibility:

- Israeli citizenship
- Candidates must have completed PhD and/or MD/PhD degrees in the Biomedical Sciences at an accredited Israeli University/Medical School or be in their final year of study
- Candidates must have been awarded a postdoctoral position in U.S. host research institution

Details regarding the fellowship and the application process are available at: ea@gruss.com
VIB is a non-profit life sciences centre of excellence located in Flanders, Belgium. About 1,200 scientists and technicians conduct basic research on the molecular mechanisms that are responsible for the functioning of the human body, plants, and microorganisms. Through a close partnership with four Flemish universities – UGent, K.U.Leuven, University of Antwerp, and Vrije Universiteit Brussel – and a solid funding program, VIB unites the forces of 72 research groups clustered in 8 research departments. The cornerstone of VIB’s policy is excellence, as well in science as in tech transfer.

The VIB Department for Molecular Biomedical Research (DMBR), located at Ghent University, consists of 10 research groups (170 staff) performing biomedical research focused on molecular mechanisms that cause human disease or can be exploited to treat it, with emphasis on inflammation-associated pathologies and cancer. DMBR is studying these molecular mechanisms mainly in cellular and animal models and by using the most advanced methods of molecular biotechnology and cell biology. Several high-end core facilities, such as recombinant protein production, advanced gene technology, imaging, and animal models for human diseases are provided. For more detailed info see www.vib.be and www.dmbr.ugent.be.

To streamline the ongoing research topics of the department and to boost its departmental identity and visibility, VIB is seeking outstanding candidates (m/f) for the position of

Science Director

The science director will play a key role in the future development of the department and will, in close collaboration with the department director and group leaders, be responsible for:

• Developing the short and long term scientific strategic plans of the department by integrating and synergizing the research efforts, while keeping in focus the mission and vision of VIB
• Creating a stimulating environment by fostering scientific discussion and intradepartmental, institutional and external collaborations
• Establishing leadership in the scientific community by designing and implementing a frontline research program, in accordance with the overall science strategy of VIB
• Organizing the department in terms of science and technology
• Actively contributing to the achievement of VIB performance indicators in the areas of science, education and technology transfer.

The scientific director is also envisaged to maintain active research interests by leading an independent research group for which long term financial support will be provided.

The successful candidates hold a Ph.D. or M.D. They have a prolific research profile in academia or biomedical industry, a strong record of leadership and strategic thinking, a strong publication record and significant international recognition and reputation in their field. They also have a balanced far-reaching overview of current and future areas of biomedical research, and outstanding mentoring skills. In addition, effective organizational and communication skills are essential.

The total package consists of:
(a) Personal: Salary and related benefits package is commensurate with experience and accomplishments, including total social security, pension scheme and health care program.
(b) Funding of own research group: Start-up package, funding for a research group, and full access to the VIB core facilities.

Candidates who are interested in this position are asked to send a complete CV and publication list and 3 letters of reference to marijke.lein@vib.be. Further information can be obtained from Marijke Lein, HR director of VIB +32 92446611.

Explore more solutions: promise.ucr.edu
Visit our ENHANCED WEBSITE!

Tenure Track Assistant Professor in Brain Development and Plasticity at Ecole Polytechnique Fédérale de Lausanne (EPFL)

The Brain Mind Institute of EPFL invites applications for a Tenure Track Assistant Professor position in Brain Development and Plasticity (Nestlé Chair). We are interested in candidates focusing on molecular aspects of plasticity in a neurodevelopmental context, particularly as they relate to epigenetic mechanisms. A range of research topics within the areas of neurodevelopment and operation of cognitive functions will be considered including the emergence of cognitive functions, social and emotional development, and potential nutritional modulation of such processes. Candidates whose work bridges the cognitive level with underlying molecular and cellular mechanisms relying on multidisciplinary approaches, such as a combination of molecular, behavioral and neuroimaging-based experimentation are particularly sought. Projects may involve human subjects and/or animal models.

Research at the Brain Mind Institute spans across several levels of analysis, from molecular to systems, with an underlying interest in mechanisms of nervous system diseases. Therapeutic and preventive approaches, including the study of the effect of nutrients, are part of ongoing projects. Candidates will develop an independent and vigorous research program, will be committed to excellence in undergraduate/graduate teaching, and supervise PhD students.

Start-up resources and state-of-the-art research infrastructure will be available, within the framework of a campus that fosters very strong interactions between life sciences, basic sciences, informatics and engineering. Salaries and benefits are internationally competitive.

Applications should be submitted through the Internet http://bmisearch-cogdev.epfl.ch and should include the following documents in PDF format: curriculum vitae, publication list, brief statement of research and teaching interests, names and addresses (including e-mail) of 3 references. The Committee will start analyzing applications on July 31st, 2010. Further questions can be addressed to:

Professor Pierre J. Magistretti
Director
Brain Mind Institute
School of life sciences, EPFL
pierre.magistretti@epfl.ch

For additional information on EPFL, its Faculty of Life Sciences and the Brain Mind Institute, please consult http://www.epfl.ch, http://sv.epfl.ch/ and http://bmi.epfl.ch/

The EPFL School of life sciences aims for a very strong presence of women amongst its faculty; female candidates are strongly encouraged to apply.

Science Careers is dedicated to opening new doors and answering questions on career topics that matter to you. We're the go-to career site for connecting with top employers, industry experts, and your peers. We're the source for the latest and most relevant career information across the globe.

With community feedback and a professional atmosphere, our careers forum allows you to connect with colleagues and associates to get the advice and guidance you seek.

Science Careers Forum:
» Relevant Career Topics
» Advice and Answers
» Community, Connections, and More!

Visit the forum and get your questions answered today!
Professor of Stochastic Systems (Theory)

The Department of Biosystems Science and Engineering (www.bsse.ethz.ch) at ETH Zurich invites applications for an outstanding candidate in Stochastic Systems (Theory) who will develop a strong and visible research program in the area of stochastic systems for the analysis and design of biological systems. Research topics include but are not limited to mathematical/computational methods for probabilistic modeling and stochastic simulation of biological systems, for systems identification and experimental design, and for rational engineering of novel biological functions that are robust to or exploit stochastic phenomena.

D-BSSE of ETH Zurich is located in Basel, the heart of the BioValley area providing excellent opportunities for collaboration within this strong life science research community at the academic, clinical, and pharmaceutical level.

Candidates should have a Ph.D. degree in Mathematics, Engineering, Computer Science, or related disciplines, and an excellent track record in development of stochastic systems methods and their application to biological systems. The ideal applicant should have demonstrated success in obtaining support for independent research projects and a strong publication record reflecting innovative, interdisciplinary, and collaborative approaches to important problems in biology or medicine. Commitment to teaching and the demonstrated ability to lead a research group are expected. The successful candidate will be expected to teach undergraduate level courses (German or English) and graduate level courses (English). The position will be filled either at the associate or the full professor level, depending on the candidate’s age and qualification.

Please submit your application together with a curriculum vitae, a list of publications, and statements on future teaching and research activities to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland (or via e-mail to faculty-recruiting@sl.ethz.ch), no later than July 31, 2010. When applying electronically, do only send one PDF file. With a view towards increasing the number of female professors, ETH specifically encourages qualified female candidates to apply.

Assistant Professor (Tenure Track) of Biological Systems Analysis

The Department of Biosystems Science and Engineering (www.bsse.ethz.ch) at ETH Zurich invites applications for an outstanding candidate in Biological Systems Analysis, preferably with a focus on experimental single cell analysis in multicellular systems. Ideally, the candidate has a strong background in the development of novel strategies to elucidate the roots and implications of molecular noise in determining cellular decisions and the implications for multicellular ensembles. Research areas of interest may include, but are not limited to, single cell signaling dynamics, gene circuit control, and cellular heterogeneity in biotechnology. Collaborations with the SystemsX.ch community (www.systemsx.ch), the Swiss initiative in systems biology, are highly encouraged.

D-BSSE of ETH Zurich is located in Basel, the heart of the BioValley area which provides excellent opportunities for collaboration within a strong life science research community at the academic as well as at the company level in areas ranging from biotechnology to pharmaceutical and medical research.

The educational goal of D-BSSE is interdisciplinary science and engineering to teach students at both the undergraduate and graduate levels by integrating expertise and knowledge from biologists, chemists, physicists, engineers, computer scientists and mathematicians, along with industrial collaborators. The successful candidate will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please submit your application together with a curriculum vitae, a list of publications, and statements on future teaching and research activities to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland (or via e-mail to faculty-recruiting@sl.ethz.ch), no later than July 31, 2010. When applying electronically, do only send one PDF file. With a view towards increasing the number of female professors, ETH specifically encourages qualified female candidates to apply.
Applications are invited for tenure-track positions at the level of Assistant Research Fellow (equivalent of Assistant Professor) in the field of 1) Natural Physiology, or 3) Agricultural microbiology or microbial genomics and genetics. However, higher rank appointments will be considered for exceptional candidates. Areas of interest include: natural product chemistry or related research; metabolomics in mammalian or plant systems; biotic and abiotic stresses in plants; secondary metabolism; metabolic engineering in crop, medicinal plants, or microbes; molecular plant pathology; environmental microbiology; enzyme biotechnology. The ABRC will be in a major expansion and is developing integrated research addresses in plants; secondary metabolism; metabolic engineering in crop, medicinal plants, or microbes; molecular plant pathology; environmental microbiology; enzyme biotechnology. The ABRC will be in a major expansion and is developing integrated research programs in Herbal Medicines and Integrative Plant Stress Biology. Several new faculty hires are anticipated over the coming years. A brand new research building equipped with state-of-the-art facilities is now operational starting 2010. The core laboratory and genomics research cores in other parts of the university, strong faculty colleagues from both the clinical and basic sciences, and many opportunities for translational collaborations. Minimal qualifications for the position are the M.D. or Ph.D. degree and 3 years of postdoctoral research experience.

Please submit curriculum vitae, names and contact information for three references, and statement of research interests electronically to: Christopher B. Newgard, PhD, Director, Sarah W. Stedman Nutrition and Metabolism Center, (Newga002@mc.duke.edu).
The Autonomous Province of Trento has approved with a resolution dated 7th May 2010 the activation of the "Call for proposals 1 – post-doc 2010 – Incoming" aimed at funding research projects, according to article 22 of the provincial law of 2nd August 2005, n. 14 (provincial law on research), with the financial support of the European Commission, within the context of the 7th research framework programme for the period 2007-2013 - "People" specific programme - Marie Curie actions - COFUND - "Trentino - The Trentino programme of research, training and mobility of post-doctoral researchers" project.

The Autonomous Province of Trento, by means of this call for proposals, will finance 100% of the costs of projects submitted by young researchers and carried out in cooperation with a research organisation, which has its registered office or an operating centre inside Trento province. The financial resources destined for this call for proposals amount to 2,250,000.00 Euro.

The proposing researcher must have a PhD, obtained in Italy or abroad no more than three years before the deadline of this call.

The proposing researcher must have had any working relationship (including any fellowship, scholarship, research grant, contract, cooperation) with any research organisations which have their registered office or operating centres inside Trento Province, longer than 30 days on the whole, during the two years before the deadline of this call.

The project must have a duration of between two and three years and the annual cost must not exceed 50,000.00 Euro.

Proposals must be submitted by 5 p.m. of July 13th, 2010, using the internet service at the below mentioned address.

The call for proposals, the guidelines for the formulation and the submission of the research project proposals, which must be edited according to a specific format, and any useful information can be found at the following address: [http://www.uniricerca.provincia.tn.it/bandi_ricerca/](http://www.uniricerca.provincia.tn.it/bandi_ricerca/)

Head of the University and Scientific Research Department - Michele Nulli -

**AWARDS**

**FELIX-WANKEL-ANIMAL-WELFARE-RESEARCH-AWARD**

**Call for Tenders for the 2011 FELIX-WANKEL-ANIMAL-WELFARE-RESEARCH-AWARD**

The Felix-Wankel-Animal-Welfare-Research-Award is usually given every two years by Ludwig-Maximilians-University Munich for outstanding experimental and innovative scientific papers aiming at or resulting in the replacement or reduction of animal testing, the general fostering of the idea of animal protection, ensuring the health and the appropriate housing of laboratory animals, pets and livestock, or supporting core research for the purpose of enhancing animal protection.

The award amounts to up to 30,000 Euros.

The award may be divided among several prize winners. Utilization of the prize money is not subject to any conditions. Those entitled to nominate are scientists as well as members of scientific institutions, expert societies, authorities, etc., or representatives of the scientific media. The nominees can be persons or groups involved in research in Germany or abroad. The papers should be recent and contain the results of original research. They must be available in print. Papers which have already received an animal protection award will normally not be considered. Self-nomination is not permitted.

Triplicate copies of the paper must accompany the letter of nomination. In addition, a floppy disk or CD-ROM containing electronic files (PDF format) of a curriculum vitae, a bibliography and a summary not exceeding two pages in German and/or English shall be submitted, reflecting the state of the art, the research approach and the results. One copy of the papers submitted will be placed on permanent file with the Board of Trustees.

The nominations and papers must be submitted to the Felix-Wankel-Animal-Welfare-Research-Award office at the Faculty of Veterinary Medicine of Ludwig-Maximilians University Munich by September 30, 2010. The award decision is made by the Board of Trustees of the Felix-Wankel-Animal-Welfare-Research-Award, excepting the jurisdiction of the courts.

More information on the Felix-Wankel-Animal-Welfare-Research-Award can be found on the website [http://www.felix-wankel-forschungspreis.de](http://www.felix-wankel-forschungspreis.de)

For more information, please contact the Felix-Wankel-Animal-Welfare-Research-Award office at the Chair of Animal Welfare, Ethology, Animal Hygiene and Animal Housing, Department of Veterinary Science, Faculty of Veterinary Medicine, Ludwig-Maximilians-University Munich, Veterinärstr. 13/R, 80539 München; Phone +49 89 2180 78300, Fax +49 89 2180 78333

E-mail: felix.wankel@tierhyg.vetmed.uni-muenchen.de
ENDOWED CHAIR IN CANCER PHARMACOLOGY, MEDICINAL CHEMISTRY, OR PHARMACOGNOMICS

The Medical University of South Carolina (MUSC) is seeking applications and nominations for an endowed chair in cancer pharmacology, medicinal chemistry, or pharmacognomics. The successful candidate will be an established scientist who has a strong reputation in research, has a productive record of publication and extramural funding, and is qualified for a tenured appointment at the level of FULL PROFESSOR. The chair holder will play a key role in the growth and development of research and drug discovery in the state of South Carolina. He/she will be expected to maintain a nationally recognized, extramurally funded research program and to participate in professional and graduate education.

MUSC has several centers of economic excellence, including the Centers for Drug Discovery and Cancer Therapeutics and the Hollings Cancer Center, which is an NCI-designated cancer center with many collaborative research opportunities. A new drug discovery building is under construction.

Interested candidates should submit curriculum vitae, statements of research interests and accomplishments, and the names of three references to: Dr. Charles D. Smith, Department of Pharmacology and Biomedical Sciences, Medical University of South Carolina, MSC 140, Charleston, SC 29425. E-mail: smithchd@musc.edu. Nominations are also welcomed. Review of applications will begin on July 15, 2010, and will continue until the position is filled.

The University of South Carolina and the Medical University of South Carolina are Affirmative Action/Equal Opportunity Employers.

NIH-SUPPORTED POSTDOCTORAL POSITION

A Postdoctoral position is available to investigate interactions between environmental contaminants, steroid hormones, and sexually dimorphic differences in brain development and neurodegeneration using primary neuronal and organotypic brain cultures. Techniques include immuno- and histochemical visualization with advanced light and confocal imaging, neurochemical analysis, and protein measurements. This position is at the Wadsworth Center of the New York State Department of Health in Albany, New York, recognized as one of the best research institutes for both senior investigators and postdoctoral fellows. The Wadsworth Center is affiliated with the School of Public Health at the State University of New York at Albany. Please forward a recent curriculum vitae and letters of reference to: Dr. Richard Seegal, Wadsworth Center, New York State Department of Health, Empire State Plaza, Albany, NY 12201. Or to e-mail: seegal@wadsworth.org. This is an NIH-funded position administered by Health Research, Inc., an Affirmative Action/Equal Opportunity Employer.

CAREER OPPORTUNITY. Doctor of Optometry (O.D.) degree in 27 months for Ph.D. in science and M.D.s. Excellent career opportunities for O.D.-Ph.D.s and O.D.-M.D.s in research, education, industry, and clinical practice. This unique program starts in March of each year, features small classes, and has 12 months devoted to clinical care.

Contact the Admissions Office, telephone: 800-824-5526 at The New England College of Optometry, 424 Beacon Street, Boston, MA 02115. Additional information at website: http://www.neeco.edu. E-mail: admissions@neeco.edu.

OPEN-RANK, TENURE-TRACK FACULTY POSITION IN VIROLOGY

Department of Microbiology, Immunology, and Pathology
Colorado State University
Fort Collins, Colorado

The Department of Microbiology, Immunology, and Pathology at Colorado State University (CSU), website: http://www.cvmbs.colostate.edu/mip/ is seeking to fill an open-rank, tenure-track position in virology. The successful candidate will have an established record in research and scholarly activity in arbovirology or other zoonotic viral pathogens. Special consideration will be given to candidates with research experience in basic virology and vector biology research, translational (e.g., vaccines, therapeutics, and diagnostics development) and/or applied research (e.g., epidemiology and control of virus diseases).

The successful candidate will have multiple opportunities to collaborate and assume a leadership role in infectious disease programs at CSU, including the Arthropod-borne and Infectious Diseases Laboratory, the Infectious Disease Supercluster and MicroRx (websites: http://infectiousdisease.colostate.edu; http://www.microrx.org/index.htm), the Rocky Mountain Regional Center of Excellence, the RM Regional Biocontainment Laboratory, and the Veterinary Teaching Hospital and Diagnostic Laboratory, and will participate in the MIP undergraduate, graduate, and professional teaching programs as appropriate. The extraordinary research and teaching opportunities at CSU are enriched by the highly interactive and collaborative environment with world-recognized ID programs and scientists in CDC and USDA laboratories on and near campus.

Candidates must have the Ph.D., D.V.M., or M.D. degree and an established record of extramural funding and scholarly activity in virology. Salary and startup package are negotiable. More information about the position is available at website: http://www.cvmbs.colostate.edu/mip/Jobs/virologist.aspx. Applications and nominations will be considered until the position is filled; however, to ensure full consideration, applications should be submitted by September 15, 2010. Candidates should submit: a letter of application, curriculum vitae, and the names, mailing addresses, and e-mail addresses of three references to:

Kenneth E. Olson, Ph.D.
Chair of the Virologist Search Committee
Department of Microbiology, Immunology, and Pathology
1692 Campus Delivery
Colorado State University
Fort Collins, CO 80523
E-mail: kenneth.olson@colostate.edu
Telephone: 970-491-8604

CSU is an Equal Opportunity/Affirmative Action Employer and conducts background checks on all final candidates.

TRANSLATIONAL MICROBIOLOGY/ MICROBIAL PATHOGENESIS SCIENCE

The University of Arizona seeks to hire a tenure-track physician-scientist at the ASSOCIATE or ASSOCIATE PROFESSOR level in infectious disease. M.D./Ph.D. recipients are particularly encouraged to apply. To apply visit website: http://www.uacareertrack.com, Job number: 6522, or contact Search Committee Chair, Mapelyne So, Ph.D., website: http://www.so@arizona.edu.

LANDSCAPE ECOLOGIST/MODELER


POSTDOCTORAL POSITION VACCINOLOGY/TULAREMIA

A Postdoctoral position is available to study Francisella tularensis outer membrane vesicles (OMVs) and their component proteins (OMPs) as new acellular vaccine formulations for tularemia (J.F. Huntley et al., Infect. Immun. 76:3664, 2008). Talented, dedicated, Ph.D.-level individuals with interests in molecular and cellular immunology and vaccinology are encouraged to apply. A background in assessing correlates of protective immunity is a plus. The appointment will be contingent on achieving CDC/FBI clearance for work on a Category A (BSL-3) select agent. Please send curriculum vitae and three letters of reference to: Dr. Michael V. Norgard, Chair, Department of Microbiology, U. T. Southwestern Medical Center, 6000 Harry Hines Boulevard, Dallas, TX 75390-9048. E-mail: michael.norgard@utsouthwestern.edu.

U. T. Southwestern Medical Center is an Equal Opportunity/Affirmative Action Employer.