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**Release The Power of Science**

**Neurological Surgery**

**Associate Professor / Professor**

The recently established Center for Neuroscience at the Seattle Children’s Research Institute invites applications for a full-time faculty position, with the University of Washington School of Medicine Department of Neurological Surgery, at the rank of Associate Professor or full Professor, without tenure. Qualified applicants should be established investigators who are applying techniques of molecular, genetic or cellular biology to study mechanisms underlying hydrocephalus. The Center for Neuroscience at the Seattle Children’s Research Institute’s research vision is to restore children’s health through a mechanistic understanding. The applicant’s area of research interest should be complementary to the interests of current faculty working on various areas of neuroscience and bioengineering. Researchers interested in understanding CSF hydrodynamics, choroid plexus function, neuroendocrinology, brain metabolism, blood brain barrier function, brainstem neurobiology and proteomics research are particularly encouraged to apply. The successful candidate must have a M.D. and/or Ph.D. degree and have active nationally funded research grants. Level and salary will be based on applicant’s qualifications and experience. Responsibilities of the position include development of an independent, extramurally funded research program, establishing a hydrocephalus section within the Center for Neuroscience and mentoring graduate and post-doctoral students and junior faculty investigators.

This position is open until filled. Address any inquiries to Dr. Jan-Marino Ramirez, Center Director, at nino.ramirez@seattlechildrens.org. Please send CV, a statement of current and future research interests and the names and contact information of three references to: Wendy Kramer, Seattle Children’s Research Institute, 1900 Ninth Avenue, M/S C9S-9, Seattle, WA 98101.

For more information about Seattle Children’s Research Institute, please visit: [http://research.seattlechildrens.org](http://research.seattlechildrens.org).

All University of Washington faculty engage in teaching, research, and service.

The University of Washington is an Equal Opportunity/Affirmative Action Employer.

Women and minorities are encouraged to apply.

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**Principal Investigator**

**International Center for Materials Nanoarchitectonics**

**National Institute for Materials Science, JAPAN**

The National Institute for Materials Science (NIMS) invites applications for principal investigators at the International Center for Materials Nanoarchitectonics (MANA), Tsukuba, Japan. Applications for experimental or theoretical work in the Nano-Bio or Nano-Green research fields are welcome. A few appointments will be considered. Information about MANA is available at [http://www.nims.go.jp/mana/](http://www.nims.go.jp/mana/).

We are looking for outstanding scientists with internationally recognized experience and a strong record of research performance in Nanotechnology for biomedical or energy and environmental applications. The candidate must also be able to demonstrate his/her potential for attracting external research funding. Annual base salary ranges from 10 million JPY to 20 million JPY, depending on qualification and experience. We offer enough start-up funds, a high degree of work autonomy, and a highly international research environment with new state-of-the-art equipment and facilities.

Inquiries about employment conditions can be addressed to the MANA Administrative Director Takahiro Fujita ([FUJITA.Takahiro@nims.go.jp](mailto:FUJITA.Takahiro@nims.go.jp)). Candidates should send a curriculum vitae, bibliography, statement of research interests and a list of references to [mana@nims.go.jp](mailto:mana@nims.go.jp) by July 31, 2009. Only electronic submission will be accepted. MANA wishes to increase the share of female scientists and especially welcomes application from women.
K.U. Leuven, Belgium’s largest and oldest university (established 1425), is a leading European research institution. It offers, together with its associated teaching hospitals, a wide variety of academic programmes taught in Dutch and English that are nurtured by internationally acclaimed, high-quality interdisciplinary research.

More than six thousand researchers from over a hundred countries participate in investigatory and strategic frontier research, as well as research that is specifically targeted at current and foreseen national and global issues. As a consequence of this K.U. Leuven enjoys many close and intense research collaborations with external partners. As a comprehensive university, K.U. Leuven offers three-year Bachelor’s and one- or two-year Master’s programs in almost all disciplines. The Leuven doctoral schools organize and co-ordinate international Ph.D. tracks of nearly three thousand five hundred doctoral candidates.

Leuven is a hospitable, agreeable and multicultural town, with a vibrant student community. It is situated only a short train ride away from Brussels, Paris and London.

The Science, Engineering and Technology Group at K.U. Leuven invites applications for the following vacant academic positions at the level of professor or associate professor in:

- Modelling of Stellar and Circumstellar Media
- Polymer Synthesis
- Electrical Engineering
- Mathematical Engineering
- Network Software and Middleware
- Architectural History and Conservation
- Multiscale Physics of Biological Systems
- Socio-Economic Aspects of Human-Environment Interactions

In addition, a limited number of research professorships is open for excellent candidates with a high-quality research programme.

The Science, Engineering and Technology Group at K.U. Leuven invites applications for the following vacant tenure track positions in:

- Nanoscale Fluxonics and Plasmonics
- Material-biology Interface Science
- Traffic and Infrastructure
- Privacy Technologies
- Genomic Data Analysis
- Software Engineering
- Plant Health and Protection
- Nanoparticle Design for Sustainable Chemistry and Chemical Technology

Detailed descriptions of these profiles and information on how to apply can be found at www.set.kuleuven.be/vacancies. The deadline for applications is 30 September 2009.

Department of Health and Human Services  
National Institutes of Health  
Office of the Director, NIH  

Director, Office of Behavioral and Social Sciences Research

The National Institutes of Health (NIH) in Bethesda, Maryland, the world’s largest medical research facility, is seeking applications from exceptional candidates for the challenging position of Director, Office of Behavioral and Social Sciences Research (OBSSR). The Director, who also functions as the NIH Associate Director for Behavioral and Social Sciences Research, serves as the NIH focal point for establishing agency-wide policies and goals in behavioral and social sciences research, coordinates the activities undertaken in the performance of this research, and provides advice and staff support to the NIH Director, Deputy Director, and Division of Program Coordination, Planning, and Strategic Initiatives within the Office of the Director. The OBSSR employs approximately 14 full time positions: 9 scientific staff, 2 program analysts, 1 communications specialist, and 2 support staff, and has an FY 2009 estimated budget of more than $27M. Salary is commensurate with experience, and a full package of Civil Service benefits is available including retirement, health and life insurance, long-term care insurance, leave, and savings plan (401k equivalent). A detailed vacancy announcement that includes mandatory qualifications requirements and application procedures may be obtained at NIH’s Executive Jobs Site: [http://www.jobs.nih.gov/vacancies/executive.htm](http://www.jobs.nih.gov/vacancies/executive.htm) or by contacting Regina Reiter at (301) 402-1130. CV, bibliography, and a statement addressing the qualifications requirements must be received by close of business AUGUST 31, 2009.

With nationwide responsibility for improving the health and well being of all Americans, the Department of Health and Human Services (HHS) oversees the biomedical research programs of the NIH.

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Department of Health and Human Services  
National Institutes of Health  
National Cancer Institute  

Tenure-Track Investigator in Cancer Biology and Inflammation  
Cancer and Inflammation Program, Center for Cancer Research

The National Cancer Institute (NCI) Intramural Center for Cancer Research (CCR) has a Principal Investigator position opening at the Cancer and Inflammation Program (Giorgio Trinchieri, M.D., Director) at NCI-Frederick. The Cancer and Inflammation Program (CIP, [http://ccr.cancer.gov/labs/lab.asp?labid=790](http://ccr.cancer.gov/labs/lab.asp?labid=790)) was established three years ago and currently consists of fifteen principal investigators studying the role of inflammation and innate/adaptive resistance in controlling or promoting carcinogenesis, immnosurveillance and immunoediting, tumor progression, growth, and dissemination. An individual is sought with research interests in these areas. Expertise in peptide or lipid biochemistry or an interest in advanced flow cytometry technologies would also be attractive.

The Laboratory of Experimental Immunology and the Laboratory of Molecular Immunoregulation constitute the Cancer and Inflammation Program (CIP), which is the major immunologic component of the CCR’s inflammation and cancer initiative, spanning the NCI’s two major campuses in Frederick and Bethesda. This initiative seeks to partner NCI’s expertise in inflammation and immunology with its cutting edge cancer etiology and carcinogenesis program. Applicants should have a Ph.D. and/or M.D. degree, a strong publication record, and a demonstrated potential for imaginative research. Salary will be commensurate with experience. Applicant will independently direct a research group of postdoctoral fellows and technicians funded by the NCI intramural program and will be provided sufficient space, equipment and supply budget. The applicant’s research activity will be expected to be cooperative and well integrated in the Program’s scientific focus of advancing the understanding of the inflammatory mechanisms involved in cancer initiation, promotion, progression, and dissemination with the ultimate goal to identify new therapeutic targets for cancer prevention and therapy. Several state of the art technical facilities in Frederick and in Bethesda, MD, will be accessible to the selected candidate including a fully staffed flow cytometry facility ([http://web.ncifcrf.gov/research/flow-cyto-lab.asp](http://web.ncifcrf.gov/research/flow-cyto-lab.asp)). A one- or two-page statement of research interests and goals should be submitted in addition to three letters of recommendation and a curriculum vitae to: Ms. Lisa Virts, Administrative Officer, NCI-Frederick, PO Box B, Bldg. 578, Frederick, Maryland 21702-1201, Tel. 301-846-5079, FAX 301-846-6053, E-mail: virtsl@mail.nih.gov.

Applications must be postmarked by July 22nd, 2009.
Boehringer Ingelheim, Caesar and the Max Planck Society announce an

Independent Junior Research Group

in the area of “Autophagy in Neurodegenerative Diseases”

The lysosome as a protein-degrading intracellular organelle has been investigated extensively for more than a half a century. More recently, upstream events delivering proteins via macroautophagy, microautophagy and chaperone-mediated autophagy to lysosomal degradation have been characterized on the molecular level. However, several key questions remain poorly understood: the contribution of autophagy to the maintenance of cellular integrity of post-mitotic cells; the mechanisms by which misfolded proteins affect autophagy; removal mechanisms for soluble and insoluble aggregates; pathways for the regulation of autophagy in neurodegenerative disease; the cause of the progressive decline in activity of the proteolytic systems during aging; potential long-term consequences of autophagy up-regulation; the identification of molecular targets for pharmacological induction of autophagy.

The Junior Research Group will be established at the center of advanced neurobiological studies and research in Bonn (caesar; www.caesar.de), an interdisciplinary research center associated with the Max Planck Society.

Funding of the Research Group covers a set-up package, the position of the group leader, a technician, one PhD and one post-doctoral fellowship, secretarial support, plus consumables, and is (initially) for 5 years. The successful candidate should have experience in one of the above mentioned research areas. Applications should include a CV, a list of publications, a one-page summary of scientific achievements, a two-page research plan and two letters of recommendation. Successful candidates will be invited to a symposium in August/September 2009 in Bonn.

Boehringer Ingelheim is a family-owned, research-driven global pharmaceutical company, founded in 1885 and committed to the goal of serving human-kind through research into diseases and the development of new drugs and therapies. Boehringer Ingelheim operates with 41,300 employees in 47 countries across the globe. Caesar (center of advanced european studies and research, located in Bonn, Germany) is conducting research in the field of neurosciences focusing on sensory systems, neurophotonics and neurodegenerative diseases. State-of-the-art techniques for imaging, molecular biology as well as chemical and material sciences open excellent opportunities in basic and applied research. Caesar is associated with the Max Planck Society. The Max Planck Society for the Advancement of Science is an independent, non-profit research organization that primarily promotes and supports basic research. The Society currently operates 80 institutes and research facilities with more than 23,400 employees, including 4,400 scientists.

Boehringer Ingelheim, Caesar and the Max Planck Society are committed to equal opportunities and to employing disabled persons.

Please send your application no later than June 15, 2009 to: Prof. Dr. U. B. Kaupp, Forschungszentrum Caesar, Ludwig-Erhard-Allee 2, D - 53175 Bonn.

For further information please contact
- general: Dr. J. Reifarth, phone: +49 (0)228 9656 107 or juergen.reifarth@caesar.de
- science: Prof. Dr. U. B. Kaupp, phone: +49 (0)228 9656 106 or u.b.kaupp@caesar.de

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CHAIR

Department of Molecular Microbiology and Immunology

The Warren Alpert Medical School and the Division of Biology and Medicine of Brown University invite applications for the position of Professor and Chair of the Department of Molecular Microbiology and Immunology. This position is to lead an interdisciplinary group of faculty and build a research program in host-pathogen interactions and pathogenesis of disease. The Department contributes to the teaching of undergraduate, graduate, and medical students.

Brown University is expanding opportunities for research and educational activities that bridge basic scientists and clinical translational researchers at its affiliated hospitals. The next Chair will provide leadership in expanding the research activities of the department and in recruiting and mentoring new faculty. Excellent core research facilities, interdisciplinary graduate programs with external funding, and newly renovated research space are available to foster expansion of the department.

The new Chair should have a record of scholarship and externally funded research that is recognized internationally, and demonstrated leadership and administrative skills. Applicants should submit their application electronically to: Professor Agnes Kane, Chair, MMI Chair Search Committee, Agnes_Kane@brown.edu (mail to: Jane Sanchez@brown.edu), Brown University, Division of Biology and Medicine, Box G-E5, Providence, Rhode Island 02912. Applicants should include a letter describing their vision as the new Chair and future career plans, a curriculum vitae, and five names of potential external referees with contact information. Review of applications will begin immediately and will continue until the position is filled. A complete description of the department and faculty can be found at the department’s website: http://bms.brown.edu/mmii.

Brown University is an EEO/AA Employer and invites applications from women, minorities, and protected persons.

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**BIG DREAMS. BOLD FUTURE.**

**CENTER DIRECTOR**

The Florida Center of Excellence for Biomolecular Identification and Targeted Therapeutics (FCOE-BITT) at the University of South Florida (USF) invites applications for the position of Center Director. FCOE-BITT is a comprehensive center funded by the State of Florida and USF with a research portfolio involving scientists and engineers who are investigating important models that are significant for understanding human health and show promise for translation into diagnostics, therapeutics, or detection technologies. FCOE-BITT seeks a person with a Ph.D., or equivalent degree, in a relevant field who is a nationally recognized leader in research and experienced in administration (Associate/Full Professor rank) to provide vision for all aspects of the Center, including research, finance, administration and education. The Director will supervise current resident members of the FCOE-BITT Center and oversee the recruitment of new members. The Director is also responsible for Center communication with the USF campus, and building partnerships with industry, government agencies and community organizations.

Resident members of FCOE-BITT are housed along with new core facilities for structural biology, proteomics, and cell biology in an interdisciplinary research facility opened in 2007. The Center is affiliated with over 100 faculty laboratories in the Colleges of Arts and Sciences, Engineering, Medicine and Public Health, creating an opportunity for extensive interdisciplinary collaborations.

Please send electronic versions of a cover letter briefly describing your administrative experience and philosophy; a current CV; a short statement of research interests and funded projects, and arrange for at least three letters of recommendation to be sent electronically to Ms. Alma Julia (aljulia@bitt.usf.edu), FCOE-BITT Administrative Specialist, University of South Florida, 3720 Spectrum Boulevard, Suite 324, Tampa, FL 33612. Review begins June 5, 2009 and continues until the position is filled. More information can be found at http://www.bitt.usf.edu.

For disability accommodations, contact Ms. Alma Julia at (813) 974-0274 a minimum of five working days in advance. According to Florida law, search records, including applications and search committee meetings, are open to the public.

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**USF UNIVERSITY OF SOUTH FLORIDA**

* Tampa • St. Petersburg • Sarasota • Manatee • Polytechnic
Scientific Expert Diabetic Nephropathy

Who we are
At Roche, 80'000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world’s leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity, and on seeing each other’s differences as an advantage. To innovate healthcare, Roche has ambitious plans to keep learning and growing – and is seeking people who have the same goals for themselves.

The headquarters in Basel is one of Roche’s largest sites. It is home to the Corporate Executive Committee, the Pharmaceuticals and Diagnostics Divisions and the global business functions. Roche Basel also covers the entire business chain from research, development and production through to marketing. Over 8’000 people from more than 60 countries work at the site.

The Position
Within Roche Pharmaceuticals Research the department Metabolic Diseases is responsible for the pre-clinical research and the discovery of new medicine in the field of vascular and metabolic diseases. The department is globally organized. The position is based in Basel, Switzerland.

As a study director you will join a pharmacology research unit and work in our AAALAC-accredited facility. The unit you will be working in is responsible for profiling all our potential clinical candidates in animal models. In addition we support the molecules in clinical development by appropriate pre-clinical in vivo studies. As of today, our strength are in the field of diabetes, obesity, dyslipidemia and atherothrombosis.

Key responsibilities: In your role as a study director you will be responsible to design and run in vivo studies internally or coordinate them with CRO’s. You will work in multidisciplinary project teams and contribute to their progress by providing the in vivo pharmacological data. Further, it will be your task to strengthen our unit by building up in house expertise in kidney diseases, such as diabetic nephropathy or acute kidney failures.

Who you are
You’re someone who wants to influence your own development. You’re looking for a company where you have the opportunity to pursue your interests across functions and geographies, and where a job title is not considered the final definition of who you are, but the starting point.

The successful candidate should have a Ph.D. in pharmacology or related areas and 5+ years of in vivo experience in the field of kidney diseases, in particular in diabetic nephropathy. The ideal candidate brings along also experience in drug development in the pharmaceutical industry. She or he is a team player, self driven and demonstrates leadership, coordination and communication skills. The candidate should be fluent in English (oral and written) and should have a working knowledge in German or willingness to learn.

Job ID No.: 12254
Contact HR: M. Ceroni, +41 61 687 34 58
Contact Line: M. Boehringer, +41 61 688 85 07

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FULL PROFESSOR POSITIONS
Capital Normal University, Beijing, China

Established in 1954, Capital Normal University (CNU) is a key university in Beijing supported by the Beijing Government. CNU is a comprehensive (“211 project”) university that focuses on teacher training and encompasses liberal arts, sciences, engineering, management, law and education. Currently we have 10,475 undergraduate and 5,275 graduate students. We are expanding to be an international research institute dedicated to inspiring a new age of scientific achievement. Therefore, we are seeking outstanding applicants for the position of Professor both nationwide and worldwide.

1. Fields (Full-time professor):
   1. College of Life Sciences:
      Basic research or application oriented basic areas in biochemistry, genetics, ecology, and cellular and developmental biology
   2. College of Resource Environment and Tourism:
      Physical geography
   3. Chemistry:
      Analytical chemistry, organic chemistry, and physical chemistry
   4. Physics:
      Condensed physics, optical engineering, electrical engineering, biophysics and astrochemistry, terahertz spectroscopy and imaging, nondestructive testing with terahertz and infra-red thermal wave technology, interaction between terahertz and materials, ultrafast phenomena, photonic band gap structure, and X-CT imaging

2. Candidate Qualifications:
   • a PhD degree and postdoctoral experiences in relevant scientific areas
   • a strong record of research accomplishments, as documented by first-author or communication-author publications in internationally leading journals
   • demonstrated capacity in coordinating and leading a team

3. Benefit package
   The overall start-up package, including salary, start-up funds, housing, and family settlement in Beijing, is very competitive. It will be based on the applicants’ qualifications and will be negotiated.

IV. Contact Information:
   Review of applications will begin immediately and please arrange to send all the following materials to the following two addresses by July 30th, 2009: curriculum vitae (including awards and funding history), a statement of research plans, reprints of 5 representative papers in recent five years and three letters of recommendation.

1. Mr. Wenxin Chen, Mr. Gaofeng Ji
   Tel: 86-10-68902989
   Fax: 86-10-68981338
   Email: cnu_rsc@mail.cnu.edu.cn
   Department of Human Resources
   # 105 Xi San Huan Road (N), Capital Normal University, Beijing 100048, P. R. China

2. Each corresponding Department:
   College of Life Sciences
   Dr. Yikun He, Xiaofang Zhang
   Tel: 86-10-68902037
   Email: yhe@mail.cnu.edu.cn, yikunhe2009@gmail.com, zhangxf320@163.com

   College of Resource Environment and Tourism
   Dr. Xiaojuan Li
   Tel: 86-10-68923030
   Email: keeperzhufy@126.com

   Department of Physics
   Dr. Cunlin Zhang
   Tel: 86-10-68902914
   Email: cunlin_zhang@mail.cnu.edu.cn

   Department of Chemistry
   Dr. Zhuoyong Zhang
   Tel: 86-10-68902424
   Email: cnuchemistry@sohu.com

Center for Immunology and Microbial Disease
Albany Medical College

Faculty Position

The Center for Immunology and Microbial Disease at Albany Medical College invites applications for a tenure-track faculty position from individuals who have a doctoral degree, postdoctoral experience, and demonstrated research productivity. Those with an interest in host-pathogen interactions are particularly encouraged to apply. The successful candidate will be expected to establish an independent, extramurally funded research program and participate in the teaching of medical and graduate students.

For further information about the Center, visit www.amc.edu/Academic/Research/imd.htm

An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

INSTITUT DE PHYSIQUE DU GLOBE DE PARIS
Earth - Planets - Environment - Natural Hazards

DIRECTOR

The Institut de Physique du Globe de Paris (IPGP) is seeking applications for the position of Director of IPGP, which will begin October 1, 2010.

The IPGP is the largest institute of Earth Sciences in France and also one of the largest in Europe. The Institute conducts research and education in geology, geophysics, geochronology and the environmental sciences. It is in charge of monitoring the three active French volcanoes (Guadeloupe, Martinique, La Réunion) through its volcanic and seismological observatories. It is also in charge of the magnetic observatory of Chambon-la-Foret (International INTERMAGNET network) and the global seismological observatory GEOSCOPE. IPGP currently employs about 300 permanent researchers and staff. There are in addition some 200 MSc and PhD students, post-docs and visitors.

The Director will be responsible for supervising the Institute’s research and teaching activities, including general administrative tasks, and conducting negotiations with national and European funding agencies. The Director is also the chair of the Institute’s scientific Council, whereas the IPGP Board is chaired by a scientist from outside IPGP. Candidates are expected to be highly accomplished scientists. They will be evaluated on the basis of their academic record in research and teaching, their experience in management, and their vision for the future of IPGP. Interested candidates should submit a two-page vision statement, their Curriculum Vitae and names of three individuals who are willing to be contacted references.

Applications must be received by June 15, 2009.

Application materials should be sent to:
Lydia Zerbib - IPGP General Secretary, Institut de Physique du Globe
4 Place Jussieu, 75252 Paris Cedex 5, France
E-mail: zerbib@ipgp.fr - www.ipgp.fr
Faculty Positions at the University of Delhi

A number of faculty positions, at the level of Assistant Professor, Associate Professor and Professor are available in the postgraduate departments of Anthropology, Biochemistry, Biophysics, Botany, Biomedical Sciences, Chemistry, Computer Science, Electronics, Environmental Science, Genetics, Geology, Information Technology, Mathematics, Operational Research, Physics and Astrophysics, Plant Molecular Biology, Statistics and Zoology.

Candidates with good publication record working in the frontier areas of research in Physical, Biological, Mathematical and Computational, and Earth Sciences are encouraged to apply. University also solicits applications from candidates with research interests that are interdisciplinary or with interests that are at the interphase of science and technology.

Recruited faculty will be expected to conduct both research and teaching of MSc./MA and M.Tech courses.

For more details see the University website: www.du.ac.in or contact Assistant Registrar, Estab. IV, University of Delhi, Delhi – 110 007, India, E-mail: pk_katarmal@vsnl.net and E-mail: estabiv@yahoo.com.

Registrar

Research Faculty Positions (4) in Cancer Drug Discovery

Vanderbilt University School of Medicine is searching for experienced and motivated research track professors for its cancer drug discovery program. The new multi-disciplinary team headed by Dr. Stephen W. Fesik in the Department of Biochemistry will focus on discovering small molecule inhibitors of highly validated drug targets using fragment-based methods and structure-based design. The group’s research will be supported by the university’s extensive infrastructure that includes high throughput chemical synthesis of small molecules, high throughput screening, excellent NMR, X-ray, mass spectrometry, and imaging facilities, and access to cancer patient samples. Applications are invited for research faculty positions to head various portions of the program. Applicants must have five or more years of relevant experience beyond their Ph.D. or M.D. The positions are:

• Molecular Biologist/Cell Biologist to identify and validate new cancer drug targets, clone, express, and purify proteins for screening and structure determination, and develop and perform primary and secondary biological assays.

• Medicinal Chemist to design, synthesize, and optimize small molecules for binding to their target proteins and for their drug-like properties.

• Structural Biologist to screen fragment libraries, determine the three-dimensional structures of protein/ligand complexes using NMR spectroscopy and X-ray crystallography, and participate in drug design using molecular modeling techniques.

• Pharmacologist to develop mouse tumor models and test compounds for anticancer activity in vivo.

Please forward a cover letter describing relevant experience, a curriculum vitae, and contact information for three references to: Stephen W. Fesik, Ph.D., Vanderbilt University School of Medicine, 607 Light Hall, 2215 Garland Ave., Nashville, TN 37232-0146.

Vanderbilt University is an
Affirmative Action/Equal Opportunity Employer.
Professor of Comparative Medicine – Infectious Disease

Texas Tech University and the Texas Tech University Health Sciences Center have collaborated to form a new Institute of Comparative Medicine with an initial focus on Infectious Disease. This new Institute will support the One Health national initiative to study and provide solutions to animal and human health concerns. The Institute will recruit a number of new faculty, assign and remodel new space suited to this line of research, and provide meaningful start-up funds in areas of Infectious Disease including, but not limited to:

- Emergence of drug-resistant bacterial infection and immunity
- Viral immunity
- Basic Immunology

Some areas of research interest include studies involving biofilms, antibiotic resistant bacteria, hanta virus and/or influenza, and enteric, respiratory and wound infections. Collaboration with existing and newly hired comparative medicine faculty members and interaction in a team environment is expected. Funds are available to remodel and equip shell space in our Experimental Sciences Building. State-of-the-art biocontainment animal facilities are on site. Opportunities are present to collaborate on human clinical studies in the Texas Tech System. New faculty will be expected to have competitive grant funding and a record of research productivity. Graduate advising and teaching is expected in areas of interest to the faculty. Service to the institutions and the profession are important aspects of successful faculty. Primary appointment will be in any academic department at either institution. Level of academic appointment is open to all ranks.

Applicants must submit a letter of interest expressing their vision for research contributions and graduate education goals, a complete resume/CV, the names of five references who may be contacted to provide a professional assessment of applicants, prerequisites. These positions shall remain open until the positions are filled. See www.icem.ttu.edu for more information.

Texas Tech University System is an Equal Opportunity Institution.

FACULTY POSITION IN REPRODUCTIVE OR DEVELOPMENTAL BIOLOGY

Women’s Health and Infant Development Research Center
Eastern Virginia Medical School

The newly established Women’s Health and Infant Development Research Center at Eastern Virginia Medical School (EVMS) is seeking investigators to fill tenure-track faculty positions in the areas of reproductive/perinatal endocrinology and fetal/neonatal development. EVMS is making a major commitment to strengthen, expand and integrate the academic enterprise in basic and clinical research. The Women’s Health and Infant Development Research Center spans across and is comprised of investigators from several departments and the new recruits will hold a primary academic appointment within the Department of Physiological Sciences, Pediatrics or Ob/Gyn. The candidates are expected to have a Ph.D., and/or M.D., postdoctoral training in reproductive or developmental biology, a strong background in molecular biology, U.S. citizenship, and conduct an active externally funded research program. Considerable opportunity exists at EVMS for collaboration in various aspects of reproduction, developmental and pediatric research. Applicants should submit a letter of interest, an NIH biosketch and full CV to: Eastern Virginia Medical School, Women’s Health and Infant Development Research Center, Attention: Sandra Huband, email: Hubandsb@EVMS.edu.

EVMS is an Equal Opportunity/Affirmative Action and Drug Free Workplace Employer and encourages applications of women and minorities.

Fellowship Position

An immediate opening for a 2-yr Fellowship Position for MD, MD/PhD, or PhD is available in the Kidney Institute at the University of Kansas Medical Center. The position is funded by an NIH T32 training grant and the project investigates FGF23 regulation and function.

US citizen or permanent resident and ability to start in July 2009 are prerequisites.

Applicants should email curriculum vitae (PDF file) to:
Ms. Zora Asefi at zasefi@kumc.edu

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CAREER TRENDS
Careers Away from the Bench: Action and Drug Free Workplace Employer and encourages applications of women and minorities.
The Medical College of Wisconsin invites applications for the position of Dean of the Graduate School of Biomedical Sciences (www.mcw.edu/graduateschool). The College seeks a strong and dynamic leader with a distinguished record of research, teaching and service, including experience with the challenges and opportunities unique to graduate education in a medical school environment. The successful candidate will provide vision and leadership for a graduate school encompassing more than 200 faculty and enrolling more than 300 students seeking PhD, MPH, MS and MA degrees. The Dean, who reports directly to the President of the College, will have primary responsibility for the Graduate School’s existing academic programs and for building new programs of national and international distinction. The Dean serves as the advocate for graduate education both within the College and with external constituencies, oversees the administration of the Graduate School, and also oversees the Office of Postdoctoral Education and the Summer Program for Undergraduate Research.

The successful candidate must hold a doctoral degree, possess academic credentials for a tenured appointment at the rank of Professor, and have experience as a graduate mentor and as a leader in graduate education. We anticipate that the Dean will maintain an active research program (50% time); a program development package and research space commensurate with that effort will be provided.

The Medical College of Wisconsin (www.mcw.edu), the largest private research institution in Wisconsin, has a state-of-the-art research infrastructure, strong academic departments, and innovative interdisciplinary centers. The Medical College is part of an academic medical center that includes nationally distinguished children’s and adult hospitals and the Blood Research Institute. The location of the College campus on the outskirts of Milwaukee provides access to a diverse urban environment and a multitude of cultural and recreational opportunities.

The position is available July 1, 2009; the Search Committee will begin reviewing candidates immediately and will continue until the position is filled. Applicants should provide a curriculum vitae, statement of interest, and the names and contact information of three references to: Paula Traktman, PhD; Chair, Graduate School Dean Search Committee, ptrak@mch.edu.

MCW encourages applications from women and minority candidates. EOE/M/F/D/V
For more than 130 years, Lilly has been dedicated to meeting the health care needs of people in the United States and around the world. We address these needs primarily by developing innovative medicines—investing a higher percentage of our sales in research and development than any other major pharmaceutical company. If you are interested in being considered for employment with a “best in class” pharmaceutical company, please review the following opportunity: Job L.D. Number 50351130. Lilly seeks a MEDICAL DIRECTOR in Indianapolis, Indiana, for its Immuno modulation Unit to provide medical leadership for the accelerated and integrated development of monoclonal antibodies for autoimmune disorders. Specific duties include leading Teams to sustain full development and optimization of new medications, including exploration of additional indications, focusing on autoimmune and inflammatory conditions; managing teams that are currently developing candidates to sustain full development and optimization of new medications, including exploration of additional indications, focusing on autoimmune and inflammatory conditions; and designing and executing preclinical and clinical studies to assess the safety and efficacy of these candidates. Salary: $226,000 per year. Please submit resume and cite the relevant experience and an M.D. Salary: $226,000 per year. Please submit resume to: Mohammad Ali at e-mail: mohammad.ali@urmc.rochester.edu.

POSTDOCTORAL POSITION to study structure and function of the bacterial cytoskeleton during the cell cycle and other cellular processes, using molecular biological, cellular biological, and biochemical techniques, including the unique imaging resources of the Center for Cell Analysis and Modeling, to study the role of copper and cholesterol in the clearance of Aβ from brain in AD. Qualifications and experience: Ph.D. in molecular biology/physiology or equivalent biological areas in AD. Experiences in cell culture and in vivo studies and ability to work as a team are essential. Experience with metal ions and protein trafficking, using chemical and/or 2-photon microscopy, would be helpful. Interested candidates please forward your resume to Mohammad Ali at e-mail: mohammad.ali@urmc.rochester.edu.

Leading Academic Institutions

POSTDOCTORAL POSITIONS in Center for Neurodegenerative and Vascular Brain Disorders at University of Rochester, School of Medicine and Dentistry

The Zlokovic laboratory, at the forefront of translational research using cutting-edge technologies in Alzheimer’s disease (AD) and stroke, has vacancies for two enthusiastic and energetic Postdoctoral Fellows.

(1) To work on the molecular mechanisms for the control of cerebral blood flow and amyloid deposits in AD using techniques such as 2-photon microscopy, laser speckle, laser Doppler, and autoradiography. Qualifications and experience: Ph.D. in molecular biology/physiology or equivalent biological areas in Alzheimer’s disease. Experiences with in vivo studies and ability to work as a team are essential.

(2) The second postdoctoral fellow will work on the role of copper and cholesterol in the clearance of Aβ from brain in AD. Qualifications and experience: Ph.D. in molecular biology/physiology or equivalent biological areas in AD. Experiences in cell culture and in vivo studies and ability to work as a team are essential. Experience with metal ions and protein trafficking, using chemical and/or 2-photon microscopy, would be helpful.

Interested candidates please forward your resume to Mohammad Ali at e-mail: mohammad.ali@urmc.rochester.edu.

In Vivo Immunochemistry

Immunohistochemical staining of AD brain tissue with appropriate antibodies usually requires the use of expensive, highly specific antibodies or polyclonal antibodies against synthetic peptides. A major advantage of the newer polyclonal antibodies is the ability to detect a broad range of epitopes, which can be of great advantage in facilitating the development of diagnostic and therapeutics approaches for AD. The following technologies are available for in vivo immunohistochemistry:

- Laser Confocal Microscopy
- Laser Scanning Microscopy
- Laser Dye Microscopy
- Laser Speckle Microscopy
- Laser Doppler Microscopy

These techniques allow for high-resolution imaging of cellular and molecular structures in live tissue, providing valuable information for the study of AD pathology.

For more detailed information, visit the University of Rochester’s Department of Microbiology and Immunology website.