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博士后岗位
[西班牙] Spanish National Cancer
Research Centre (CNIO)

Highly motivated individuals are encouraged to apply for the following of CNIO's International Postdoctoral Programme in Madrid: Molecular Oncology, Cancer Cell Biology, Structural Biology and Biocomputing, Molecular Pathology, Human Cancer Genetics and Clinical Research. For details on research at the CNIO: <http://www.cnio.es>. They seek: (1) Exceptional researchers with a PhD or MD degree obtained no more than 3 years prior to the deadline. Candidates may also apply if they will obtain their degree before May 2010. (2) Candidates must have at least one first author publication (including joint authorship) in a high impact factor journal at the time of application. The CNIO offers: (1) An excellent and stimulating working environment with a multidisciplinary approach to cancer research. (2) State-of-the-art equipment and core facilities. (3) A competitive salary of € 32 000 to € 36 000 (gross) per year, depending on experience. For further information and to apply: <http://www.cnio.es/postdoc>. The closing date for applications is 31st December 2009. (源自 *Nature* [2009-09-24])



博士研究生/博士后岗位
[德国] Max Planck Institute for Biophysical
Chemistry

The Research Group "Sleep and Waking" at the Max Planck Institute for Biophysical Chemistry invites applications of prospective. Ultimate goal of the lab is to understand how a nervous system sleeps and why we need to sleep. The group is trying to understand the molecular, cellular and circuit principles of sleep. The lab has started investigating sleep in the nematode *C. elegans* and is interested in expanding the research onto other model organisms. The group is using behavioral assays combining genetics, microscopy of neural function and micromanipulation. Candidates should be exceptionally talented and motivated and should have a strong scientific background. PhD students and Postdocs can be awarded a Max Planck Fellowship. Applications should include a CV, a list of publications (if applicable) and letters of one to three references familiar with the work of the candidate. Please submit all materials in electronic form (preferably as one single PDF-file) with reference to the code number via email to **Henrik.Bringmann@mpibpc.mpg.de**. Code Number 29-09. (源自 *Science* [2009-10-09])



博士后岗位
[法国] Institut Pasteur

A post doctoral position founded by E.U. is open in the Pasteur Institute in Paris to carry out structural work on bacterial

homologues of cysloop receptors. The position will be equally shared between the "Channel-Receptors" group for protein production and the "Structural Dynamics of Macromolecules" unit for crystallization, synchrotron data collection and structure refinement. Expertise in crystallography is required, as well as the ability to work in collaboration. Knowledge in membrane protein biochemistry and/or in structural bioinformatics would be a plus. **Contact:** Either Marc Delarue (delarue@pasteur.fr) or Pierre-Jean Corringer (pjcorrin@pasteur.fr). (源自 *Nature* [2009-10-15])



硕士/博士研究生
[加拿大] University of Toronto

The Department of Medical Biophysics offers an exceptional interdisciplinary graduate research programme, cancer institute based and leading to MSc and PhD degrees in the fields of: Cellular, Molecular and Structural Biology, Physics and Engineering of Medical Imaging, Experimental Therapeutics. Application deadline: February 1, 2010. Please visit the website for more information on graduate admission. <http://medbio.utoronto.ca>. (源自 *Nature* [2009-10-22])



博士研究生
[德国] Ruhr University Bochum

Applications are invited for the International Graduate School of Neuroscience (IGSN) PhD-Programme, which starts on October 1st 2010. Research projects specialise in the areas of molecular, developmental, systems, cognitive, clinical or computational neuroscience, and comprise intensive training in state of the art methods, as well as supervision by internationally renowned neuroscientists. See <http://www.rub.de/igsn> for details. Research projects will be accompanied by high-level English language tuition in the field of neuroscience. The 36 month programme will culminate with a PhD in Neuroscience. PhD-Scholarships (3 years, € 15 600 p.a.) are available. Application deadline: January 31st 2010. Applications online via: <http://www.rub.de/igsn>. **International Graduate School of Neuroscience, Ruhr University Bochum, Universitätsstr. 150, D -44790 Bochum, Germany. E-mail: igsn@rub.de**. (源自 *Nature* [2009-10-22])



博士研究生
[英国] King's College London

King's College London is seeking students of academic excellence to join their Health Schools in 2010. A range of funded research studentships are offered by interdisciplinary research divisions, covering tuition fees and an annual stipend. As one of the world's top 25 universities, King's College London enjoys a global

reputation for research excellence. They attract the highest calibre students and some of the world's leading academics who pursue and achieve research excellence across the entire range of academic disciplines. Their graduate students enjoy world-class research facilities and a broad and innovative graduate skills development programme. Studentships are available in the areas of imaging, inflammatory disease, stem cell, developmental neurobiology, reproduction and endocrinology, cardiovascular, psychology, psychiatry and genetics. (源自 *Nature* [2009-10-22])



博士研究生

[奥地利] Institute of Science and Technology

The Graduate School at Institute of Science and Technology (IST) Austria invites applicants from all countries to its PhD program. IST Austria is a new institute located near Vienna dedicated to basic research in the natural sciences and related disciplines. The language of the Institute and the Graduate School is English. The PhD program combines advanced coursework and research, with a focus on Biology, Computer Science, and interdisciplinary areas. IST Austria offers internationally competitive PhD salaries supporting 4~5 years of study. Applicants holding either a BS or MS degree are welcomed. The Institute offers PhD student positions with the following faculty: Evolutionary Genetics, Mathematical Biology (Nick Barton), Evolutionary Genetics, Experimental Evolution (Jonathan Bollback), Computer-aided Verification, Game Theory (Krishnendu Chatterjee), Algorithms, Computational Geometry and Topology (Herbert Edelsbrunner), Systems and Synthetic Biology (Calin Guet), Cell and Developmental Biology, Biophysics (Carl-Philipp Heisenberg), Computer-aided Verification, Concurrent and Embedded Systems (Thomas A. Henzinger). Additional faculty members will be announced on the IST website <http://www.ist.ac.at>. To apply online visit <http://www.ist.ac.at/gradschool>. For enquiries, please contact gradschool@ist.ac.at. For students wishing to enter the program in the fall of 2010, the deadline for applications is January 15, 2010. (源自 *Nature* [2009-10-22])



博士后岗位

[法国] Institut Curie

A postdoc position is opened in the Mechanics and Genetics of Embryonic and Tumoral Development team in the Institut Curie, aiming at studying the role of mechanical strains developed by tumour growth on the transcriptional state of the surrounding stromal cells. The studies are based on the observation that mice colon cancer tumoral progression master genes expression is activated in response to exogenous mechanical strains (Whitehead, *et al.* *HFSPJ*, 2008). The objective of the post-doc is to adapt magnetic tweezers experiments performed on *Drosophila* embryos (Desprat, *et al.* *Dev Cell*, 2008), to mimic tumour growth in vivo and study the biochemical response of stromal cells to endogenous tumour growth pressure. The project will combine the interdisciplinary and inter-

institution expertise of the Institut Curie (biology and biophysics of cancer) and Paris6-ESPCI (engineering) institutions. Contact: efarge@curie.fr. Offer website: http://www.curie.fr/fondation/offre-emploi.cfm/lang/_fr/item/324.htm. (源自 *Nature* [2009-10-22])



博士后/资深研究员岗位

[瑞典] Karolinska Institutet

Karolinska Institutet invites applications for a Postdoc or Senior Scientist in Mouse Molecular Genetics/Molecular and Systems Biology. A position is available immediately in the laboratory headed by Prof. Jussi Taipale (jussi.taipale@ki.se) at the Department of Biosciences and Nutrition, Karolinska Institute. Current lines of work include genome-wide RNAi screening for regulators of signaling pathways and the cell cycle, and analysis of the molecular mechanisms of growth control in cultured cells and in mouse genetic models. Research in the laboratory combines in silico analyses with mouse molecular genetics to study function and regulation of expression of key cell cycle genes (see for example Hallikas, *et al.* *Cell*, 2006, 124: 47-59; Björklund, *et al.* *Nature*, 2006, 439: 1009-1013; Varjosalo, *et al.* *Cell*, 2008, 33: 537-548; Tuupainen, *et al.* *Nature Genetics*, 2009, 41: 885-890). The project is funded in part by a European Research Council (ERC) Advanced Grant for Frontier Research. Applicants with strong backgrounds in mouse molecular genetics who are interested in working in an interdisciplinary environment are particularly encouraged to apply. Please send your application, CV and three letters of reference marked with reference number 5209/2009, to reach them by no later than December 15 2009 to Karolinska Institutet, Department of Biosciences and Nutrition, att: **Vivian Hildebrand, SE-141 57 Huddinge, Sweden**. Please go to www.ki.se for more information. (源自 *Science* [2009-10-23])



博士后岗位

[美国] Yeshiva University

The Spivack laboratory in the Albert Einstein College of Medicine of Yeshiva University seeks strong post-doctoral fellows for original work on projects related to (1) Epigenome-wide, transcriptome-wide, and high resolution studies in human lung carcinogenesis; (2) inter-individual differences in gene regulation; (3) chemoprevention strategies in lung carcinogenesis. Regulatory differences are posited to confer susceptibility to several lung diseases, including cancer. They have their own human subject accrual infrastructure and lung tissue bank, as well as wet-lab facilities. Technologies employed include some unique lab-developed assays, such as RNA-specific mRNA-qPCR, DNA methylation sequencing, RNA-specific microRNA-qPCR, microRNA pull-down, and others. See Einstein website for details. Duration is one year, and renewable. Send resume and cover letter summarizing interests and career goals to stephanie.alfieri@einstein.yu.edu. (源自 *Nature* [2009-09-24])



软件开发人员/博士后岗位 [美国] Indiana University

The Indiana University Bio-complexity Institute seeks a Research Associate or Post Doctoral Fellow to participate in research on the development and improvement of the Tissue Simulation Environment (<http://www.compucell3d.org>). Skills include experience in C++, Python, and GUI design. Candidates should be able to interact with users and be able to work in small team environments. Position will offer opportunities to collaborate on new research projects and participate in publications with Biocomplexity Institute scientists. Areas of interest include Monte Carlo methods, stat. mech., fluid dyn., PDEs, and modeling of biological systems. Numerical modeling and parallel programming are required and having a (MA or PhD) scientific background. Please send CV and arrange to have 3 letters of recommendation sent to **Prof. James Glazier** (glazier@indiana.edu) with subject: **CC3D JOB 09**. (源自 *Nature* [2009-09-24])



博士后岗位 [美国] The Ohio State University (OSU)

A cross-discipline postdoctoral position is open in single-molecule DNA repair and chromatin biophysics and is a joint appointment within the Dept. of Molecular Virology, Immunology and Medical Genetics (MVIMG) in the OSU Medical Center and the Dept. of Physics in the OSU College of Arts and Sciences. The qualified candidate will develop single-molecule force and fluorescence measures using human DNA repair components and chromatin substrates. The candidate will be jointly supervised by Dr. Richard Fishel (MVIMG) and Dr. Michael Poirier (Physics). Prior experience in the biochemical analysis of DNA metabolic proteins or the biophysical analysis of single molecules is required. This position is an excellent opportunity for a motivated researcher looking to transition between basic biophysics and medicine. Interested applicants should provide a one-page research statement, a CV (with a complete set of publications) and arrange for three letters of reference to **Dr. Fishel** at rfishel@osu.edu (or **Dr. Poirier** at poirier.18@osu.edu). (源自 *Nature* [2009-09-24])



博士后岗位 [美国] Tulane University

Postdoctoral positions are available immediately to study the transcriptional expression, regulation, and function of guanylyl cyclase/natriuretic peptide receptors. The first position involves to study the regulation and function of guanylyl cyclase receptor protein in cDNA-transfected cells by site-directed mutagenesis, protein phosphorylation, and intracellular trafficking. The second position involves investigation of functional genomics to characterize cardiac hypertrophy and fibrosis in gene-targeted mice. Strong background in biochemistry, molecular biology, and/or confocal

microscopy is required. The successful applicant(s) will be expected to have the motivation and creativity to develop and assist ongoing research programs. Excellent opportunities are available for collaborative research works and academic career advancement. Send resume and list of 3 references to **Dr. Kailash N. Pandey at: kpandey@tulane.edu**. **Tulane University Health Sciences Center, Department of Physiology, 1430 Tulane Avenue, New Orleans, LA 70112, USA.** (源自 *Nature* [2009-09-24])



博士后岗位 [美国] University of Nebraska, Lincoln

Postdoctoral positions in the Department of Biochemistry are immediately available in the broad areas of complex lipid metabolism, structural biology, transcriptomics, cell signaling, and biophysical chemistry using bacterial, yeast, mammalian, algal and plant model systems. The department is housed in the George W. Beadle Center, which includes state-of-the-art core facilities in proteomics and metabolomics, genomics, crystallography, bioimaging, flow cytometry, bioinformatics, biophysical spectroscopy, and trace element analysis. To learn more about these opportunities in Biochemistry, visit <http://biochem.unl.edu>. Applicants should apply at <http://ucommxsrv1.unl.edu/biochem/postdoc/> and select the research area of interest, and provide a current CV. Applicants can also apply by mail to: **Biochemistry Postdoc Search, Department of Biochemistry, University of Nebraska, N200 Beadle Center, Lincoln, NE 68588-0664, USA.** (源自 *Science* [2009-10-09])



博士后岗位 [美国] University of California, Los Angeles (UCLA)

Postdoctoral fellows in immunology at UCLA are available to study mechanisms of autoimmunity and immune tolerance, as it relates to autoimmune diseases. Current projects include dendritic cell migration and activation, with a current focus on skin dendritic cells in autoimmune dermatitis; tissue gamma delta T cells, NKT cells, and autoreactive T and B cells; mechanisms of gender bias, with a focus on the role of sex chromosomes and hormones; and mechanisms and biomarkers of tissue fibrosis. Funded by NIH T32 and other grants. CV and references to **Ram Raj Singh, MD, rjsingh@mednet.ucla.edu**. (源自 *Nature* [2009-11-12])



博士后岗位 [美国] Johns Hopkins University

Several postdoctoral fellowships are available for the study of the epigenetic basis of human cancer and neuropsychiatric disease. This includes novel molecular and statistical tools for a new field of epigenetic epidemiology, as well as mechanistic studies on the epigenetics of normal differentiation and cancer (see *Nat Genet*, 2009, 41: 246-250; *Nat Genet* in press; *Nature*, 2008, 451: 202-

206; *Nature*, 2007, 447: 433–440; *JAMA*, 2008, 299: 2877–2883). Fellows will be heavily involved in genomics, population genetics and biostatistics. The candidate must be a prospective or recent recipient of a PhD or MD/PhD with good publication(s) in genetics or genomics. Please email **Dr. Andrew P. Feinberg** a curriculum vitae and names and email addresses of three references, but no other attachments, to **afeinberg@jhu.edu**. (源自 *Nature* [2009–11–12])



助理教授岗位
[中国台湾] Academia Sinica, Taiwan, China

The Institute of Biological Chemistry, Academia Sinica, Taiwan, is seeking highly qualified candidates to fill positions of Assistant Research Fellow (equivalent to Assistant Professor). Outstanding candidates at higher levels will also be considered. Candidates in all areas that would complement or strengthen the current topics in the Institute will be considered. He/She will be provided with a generous start-up fund, followed by annual intramural support, and will have full access to all the resources and graduate students at the Institute of Biological Chemistry, Academia Sinica (<http://www.sinica.edu.tw/~ibc/>) and the Institute of Biochemical Sciences, National Taiwan University (<http://homepage.ntu.edu.tw/~ibs/index.htm>). Applicants should send their curriculum vitae, a description of past research accomplishments and future research interests (pdf files) and arrange to have three letters of reference sent to: **yujushih@gate.sinica.edu.tw**. The search process will start immediately and continue until outstanding candidates are recruited to fill the positions. (源自 *Science* [2009–10–16])



助理教授岗位
[美国] The University of Chicago

The University of Chicago, Department of Radiation and Cellular Oncology, is seeking applicants for a full-time Research Associate (Assistant Professor) position, under the general direction of Professor Douglas K. Bishop. The primary activity of a Research Associate (Assistant Professor) is academic research in association with a faculty member or team. Candidates are required to possess a Doctorate with experience in protein biochemistry. Candidates with experience in protein crystallography and enzymology will be favored. For consideration please submit online a current curriculum vitae and contact information for three references at website: **<http://tinyurl.com/UC-Rad-Onc-RA50661>**. Statement of research interests is preferred. (源自 *Science* [2009–10–09])



助理教授岗位
[美国] University of Alabama at Birmingham

The Department of Physiology and Biophysics at the University of Alabama at Birmingham (UAB) invites applications for two tenure-

track Assistant Professor positions. They are seeking dynamic investigators/educators to complement the existing strengths of our Department (see the website: <http://www.medicine.uab.edu/physiology>). Applicants with expertise in cell signaling and/or cancer biology are especially encouraged to apply. The successful candidates will have an MD or PhD in a biomedical science, a strong publication record, a commitment to teaching, and excellent funding potential. Please send curriculum vitae, statement of research plans, and three references to: **Dr. Kevin L. Kirk, Department of Physiology and Biophysics, University of Alabama at Birmingham, 1918 University Boulevard, MCLM 982, Birmingham, AL 35294-0005, USA;** or electronically to **E-mail: klkirk@uab.edu**. (源自 *Science* [2009–10–09])



助理教授岗位
[美国] East Tennessee State University

The Department of Health Sciences in the College of Public Health at East Tennessee State University seeks applications for a tenure-track position at the Assistant Professor level. Position available spring or fall semester 2010. The position requires teaching undergraduate lecture and laboratory courses in anatomy/physiology and upper division human anatomy. Development of a fundable research program that complements the missions of the Department and the College of Public Health is expected. PhD in related field required. Application review will begin immediately. Please submit ETSU application, curriculum vitae, a description of research interests, and the names of three references to: **Dr. Ranjan Chakraborty, Associate Professor and Chair, Department of Health Sciences, East Tennessee State University, P.O. Box 70673, Johnson City, TN 37614-1709, USA. E-mail: chakrabr@etsu.edu**. E-mail submission is encouraged. (源自 *Science* [2009–10–30])



助理教授岗位
[美国] Massachusetts Institute of Technology

The Department of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology (MIT) seeks applicants for a tenure-track Assistant Professor position in Climate within its Program in Atmospheres, Oceans, and Climate. Areas of specific interest include theory, models and observations of present and past climates, the cryosphere, and biogeochemical cycles. Preference will be given to candidates at the junior faculty level. Requirements: The successful candidate will have a PhD or near completion of degree, or completion of PhD by start date of employment. Candidate will also have a strong record of accomplishment in their discipline, a strong commitment to teaching and student advising, and a keen interest in relating their work to complementary work in the climate sciences at MIT. Joint appointments with other MIT departments are also potentially negotiable where appropriate. More information about this position can be obtained by writing **Professor Raffaele**

Ferrari, MTT Room 54-1420, Cambridge, MA 02139, USA; E-mail: rferrari@mit.edu. A completed application will include a curriculum vitae, a statement of research and teaching objectives, and the names of 5 potential references. Applications are being accepted at Academic Jobs Online (<https://academicjobsonline.org/ajob>). To receive full consideration, a completed application must be received. Search Contact: **Mr. Michael Richard, HR Administrator, EAPS, 54-926 Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139-4307, USA; E-mail: mjr@mit.edu; Tel: 617-253-5184; Fax: 617-253-8298.** (源自 *Nature* [2009-11-05])



助理教授岗位
[美国] Rutgers University, Camden

The newly created Center for Computational and Integrative Biology (CCIB) on the Rutgers University-Camden campus seeks broadly trained experimental and theoretical researchers for two tenure-track Assistant Professor positions beginning fall 2010. The CCIB is an interdisciplinary research center with participating faculty members from the departments of Biology, Chemistry, Computer Science, Mathematics (including statistics), and Physics. In keeping with the CCIB's interdisciplinary thrust and Rutgers's appointment procedures, they seek two successful candidates who will hold tenure-track positions in two different home departments from among the following CCIB participating departments: Biology, Chemistry, Physics, and Computer Science. The mission of the CCIB is to determine the quantitative organizational principles of complex biological systems, using interdisciplinary approaches (see [website: http://www.camden.rutgers.edu/dept-pages/biology/CCIB/Pages/About.htm](http://www.camden.rutgers.edu/dept-pages/biology/CCIB/Pages/About.htm)). The CCIB will start new doctoral and Master's programs in Computational and Integrative Biology in 2010. Successful applicants will be expected to develop productive, well-funded research programs and should take a strongly collaborative approach consistent with the mission of the CCIB. The positions entail teaching undergraduate and graduate courses in the area of the applicant's expertise. PhD required and postdoctoral experience expected. Applicants should send a letter of interest, curriculum vitae, representative publications, and three letters of recommendation to: **Dr. Joseph V. Martin, Center for Computational and Integrative Biology, Rutgers University, Camden, NJ 08102, USA.** Review of applications will begin January 15, 2010, and continue until the positions are filled. (源自 *Science* [2009-11-13])



助理教授岗位
[美国] William Paterson University

The Department of Biology at William Paterson University invites applications for a tenure-track position at the Assistant Professor level. PhD required. Postdoctoral research and teaching experience

preferred. Candidates are expected to develop a research program involving students and utilizing molecular techniques. Teaching responsibilities will include courses in anatomy and physiology, molecular biology, and area of specialization. The facilities of the Department include new animal research laboratories (full-time technician), electron microscopy suite, and well-equipped molecular biology laboratories. The Department offers B.S. and M.S. degrees in biology and biotechnology. Applicants should submit curriculum vitae, statements of research interests and teaching philosophy, and names, addresses and telephone numbers of three references to: **Dr. Lance S. Risley, Chairperson, Department of Biology, Science Hall, William Paterson University, 300 Pompton Road, Wayne, NJ 07470, USA.** Review begins immediately and continues until the position is filled. (源自 *Science* [2009-11-13])



助理教授/副教授岗位
[加拿大] University of Toronto

The Department of Cell & Systems Biology at the University of Toronto invites applications for a tenure track faculty position to be appointed at the level of Assistant or Associate Professor beginning July 1, 2010. They are interested in outstanding candidates that complement existing strengths in the department in the areas of genomics, cell and developmental biology, and neurophysiology using high-throughput approaches or gene/protein network analyses with genomic, proteomic, or advanced cell biological and imaging tools. They particularly encourage applications from candidates who are addressing fundamental questions in plant and microbial biology but will consider all outstanding candidates within the framework of their department. For more information about the Department of Cell & Systems Biology, please visit their home page at <http://www.csb.utoronto.ca/>. Candidates should have at least two years of research experience beyond their doctoral degree. In addition to pursuing a vigorous, internationally-recognized research program, the successful candidate will demonstrate potential for excellence in undergraduate and graduate teaching in the molecular life sciences. The successful candidate would also be expected to network with researchers across the university to take advantage of the extensive resources in cell and systems biology at the University of Toronto and its affiliated institutions. Qualified candidates are encouraged to submit their applications online at: www.jobs.utoronto.ca/faculty.htm. Applicants should submit a single PDF file (<2 Mb) that includes a cover letter, their curriculum vitae, and statements of research and teaching interests. Applicants should also arrange for at least three confidential letters of recommendation to be sent directly to: **Professor Ulrich Tepass, Chair, Department of Cell & Systems Biology, University of Toronto, 25 Harbord Street, Toronto, Ontario M5S 3G5, Canada; or by E-mail to search@csb.utoronto.ca by January 15, 2010.** (源自 *Nature* [2009-11-05])

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