The University of Iowa
Department of Biology

We are seeking Assistant or Associate Professor-level candidates for a faculty position in Neurobiology of Aging, with particular interest in candidates using genetics or genomics approaches. Applicants must have a PhD in one of the biological sciences, post-doctoral experience, a recognized record of accomplishment as reflected in publications in leading journals, and the ability to establish an extramurally-funded research program.

This recruitment is part of a Provost supported cluster hire initiative on the Aging Mind and Brain Initiative (AMBI; http://ambi.uiowa.edu), which includes 14 faculty across the colleges of Engineering, Liberal Arts and Sciences, Medicine, Nursing and Public Health. New faculty with expertise in neurobiology of aging will complement the University’s considerable existing expertise to form the core of the AMBI cluster. The successful candidate will be expected to participate actively in this multidisciplinary initiative. Involvement in the cluster will be an important component in performance evaluations. The successful candidate must also demonstrate an interest in participating in the department’s teaching mission. Desirable qualifications include the potential for productive interactions with faculty within the department as well as with other biomedical scientists at the University of Iowa, in addition to expertise in cutting-edge and emerging technologies and methodologies.

The Department of Biology at the University of Iowa has a history of research strength in Neurobiology, Genetics, Developmental and Cell Biology, and Evolution. The department is located in recently renovated space and provides competitive salaries and benefits along with infrastructure support, which includes genomics and imaging centers.

Applications should be submitted online at http://jobs.uiowa.edu under requisition 63024. Applicants must submit a cover letter, *curriculum vitae*, a statement of research objectives, a statement of teaching experience and interests, 4 publications (at most), and the names and contact information of 3 references. Formal screening of applications will begin October 1, 2013 and continue until the position is filled.

The Department of Biology and the College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University and College reflect this commitment. Women and minorities are encouraged to apply. The University of Iowa is an Equal Opportunity/Affirmative Action Employer.

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Assistant Professor of Cell Biology and Neuroscience

Cryo-Electron Microscopy

The Center for Integrative Proteomics Research and the Department of Cell Biology and Neuroscience at Rutgers, The State University of New Jersey, seek to hire an outstanding tenure track assistant professor in the area of Cryo-Electron Microscopy. Applicants must have a Ph.D. and/or M.D., a distinguished record of scholarship, a strong commitment to excellence in teaching, and the leadership abilities to develop and support a world-class research program. The Center is located in a newly built 75,000-square-foot facility dedicated to fostering interdisciplinary research in the biological and biomedical sciences using complementary quantitative tools of measurement and analysis. The Department of Cell Biology and Neuroscience is part of the Division of Life Sciences, a group of Rutgers Departments and Institutes that represent further opportunities for collaboration. Together the Center and the Department will provide access to a broad array of excellent research facilities and a competitive start-up package. The Center and the Department are located adjacent to the Rutgers Robert Wood Johnson Medical School in Piscataway, and are less than one hour from New York City and Philadelphia. Interested individuals should apply online through the Department recruitment website (http://chase.rutgers.edu) with a curriculum vitae, a brief statement of research plans, and the names, addresses, and contact information of three individuals who will provide a letter of reference. The Search Committee will begin its deliberations on October 15th, 2013. Applications received after December 1st, 2013 will only be considered in exceptional circumstances.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.

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Cellular, Developmental, or Regulatory Biology

Faculty Position

The California Institute of Technology is seeking outstanding candidates for a tenure-track professorship position in the Division of Biology and Biological Engineering. Applicants should have a highly successful record of using molecular or cellular approaches in any area of biology. The successful applicant is expected to develop an innovative research program and to be committed to high quality teaching. Preference will be given to candidates at the Assistant Professor level. Initial appointments at the Assistant Professor level are for four years and are contingent upon completion of the Ph.D. degree.

Please submit on-line application at http://biology.caltech.edu/Positions and include a brief cover letter, *curriculum vitae*, relevant publications, and a description of proposed research. Instructions will be given for submission of letters of reference when you apply on-line. Application deadline is November 30, 2013.

The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
Roger D. Kornberg, *Introduction*

The purpose of this conference is to focus attention on great, unsolved problems in life chemistry: chromosome condensation, transcription and translation control, protein fibrils in degenerative disease, and synaptic structure and function. Chromosomes are the largest, most dynamic, most enigmatic of cellular organelles: they condense on the order of a meter of DNA to a micron, and decondense specific regions to a variety of states; the physico-chemical basis is unknown. Transcription and translation respond to innumerable regulatory influences through mechanisms that remain to be undetermined. The formation of protein fibrils and their role in Alzheimer’s and related diseases underlies a vast, unmet medical need. The variety of synapses and their functional states, fundamental to brain activity, represents the ultimate challenge in life chemistry. The conference will focus especially on quantitative approaches to the solution of these great problems. Due to the large scale of the macromolecular assemblies involved, new methods are required, and novel physical and chemical approaches will be described.

Questions should be sent to: conference@welch1.org

For a complete program or to register, go to: www.welch1.org/chemical-conference/
Call for Candidates to head a research group in the Institut Pasteur in Microbiology

To strengthen its basic research in microbiology, and to improve its preparedness to respond to newly emerging infectious agents, Institut Pasteur calls for applications from outstanding young microbiologists to head one or more independent research groups that will be created in the cutting edge interdisciplinary environment of the Institut Pasteur campus in Paris.

Examples of subject priorities include molecular mechanisms of antibiotic resistance, regulatory mechanisms of bacterial gene expression, and mechanisms of homeostasis and communication in complex microbial communities. However, all aspects of microbiology will be considered, and outstanding candidates with an ambitious and original basic research project are strongly encouraged to apply.

The deadline for applications is December 15th, 2013. Short-listed candidates will be called for interview in January 2014 and decisions will be announced by March 30.

General conditions and applications. Candidates should be in the starting or consolidating period of their scientific career following post-doctoral training. Allocated resources will depend upon the seniority of the selected candidate. The allocated budget includes salaries for the group leader and/or postdoctoral scientists and/or technicians, part-time secretarial assistance, basic laboratory equipment, a substantial contribution to running costs and essential large equipment, and access to on-campus facilities including state-of-the-art technology platforms.

Candidates should send their formal applications by email to the Director of Scientific Evaluation, Prof. Alain Cossart, at the Institut Pasteur (25, rue du Dr. Roux, 75724 Paris, France; cossart@pasteur.fr) or Philippe Sansonetti (philippe.sansonetti@pasteur.fr).

The Application shall comprise the following (in order) in a single pdf file:
1. A brief introductory letter (candidates are encouraged to contact Pascale Cossart (pascale.cossart@pasteur.fr) or Philippe Sansonetti (philippe.sansonetti@pasteur.fr))
2. A Curriculum Vitae and a full publication list.
3. A description of past and present research activities (up to 5 pages with 1.5 spacing).
4. The proposed research project (up to 10 pages with 1.5 spacing) and how it would fit in the defined topic.
5. The names of 3 scientists from whom letters of recommendation can be sought, together with the names of scientists with a potential conflict of interest from whom evaluations should not be requested.
Ophthalmology at the Novartis Institutes for BioMedical Research is expanding at our headquarters in Cambridge, MA. We seek innovative scientists to join our research community to focus on diseases such as inflammation, uveitis, and glaucoma.

Come together at: www.nibr.com/careers

Director
ANU Climate Change Institute

As the Director, you will have the opportunity to build and support a cohesive, interactive community of climate change-related researchers and teachers at the ANU.

The Climate Change Institute mission is to contribute to climate change solutions through innovative, interdisciplinary approaches to research and teaching, drawing on the wealth of expertise across the University’s seven Colleges, and to connect our work to governments, the private sector and civil society.

We are seeking an outstanding leader to enhance the University’s reputation in climate change research and education; inform public policy development; promote outreach and engagement with government, industry and the community; and develop and implement the Institute’s strategic plans in research and education.

The position of Director is a full Professor (Level E), negotiable as renewable as Director or revertible to a standard Professorial position at the end of the five year term. An attractive remuneration package will be negotiated with the successful candidate.

This is a great opportunity to be part of the leadership team of an institution driving positive change in the climate change discipline and higher education sector.

For a confidential discussion contact:
Professor Andrew Cockburn
T +61 2 612 50421
E Andrew.Cockburn@anu.edu.au

Information anu.edu.au/climatechange
The CCI is a collaborating partner with the ANU Energy Change Institute
W energy.anu.edu.au

anu.edu.au/jobs
Assistant/Associate Professor Position in Molecular and Cellular Medicine
College of Medicine, Texas A&M University Health Science Center

The Department of Molecular and Cellular Medicine (MCM) invites applications for a tenure/tenure track faculty position at the level of Assistant or Associate Professor. The successful candidate will be expected to establish/maintain an innovative, extramurally funded research program and contribute to graduate and medical student education.

MCM is located primarily on the College Station campus of Texas A&M University, with more than 50,000 students, a multi-billion-dollar endowment and a top 20 research enterprise. This outstanding, interdisciplinary university, with more than 50,000 students, a multibillion-dollar endowment, and a top 20 research enterprise. This outstanding, interdisciplinary students and engineers. MCM research programs exploit diverse range of biomedical researchers, as well as physical, chemical, and computational scientists and engineers. MCM research programs exploit diverse model systems, with strengths in cancer biology, cell signaling, genomics, intracellular trafficking, membrane biophysics, neuroscience, protein biochemistry, stem cell biology and tissue engineering. For further information visit http://medicine.tamhsc.edu/basic-sciences/mcm/index.html.

Candidates should have a Ph.D. and/or M.D. or equivalent degrees, medicine.tamhsc.edu/basic-sciences/mcm/index.html. Candidates should have a Ph.D. and/or M.D. or equivalent degrees(s), postdoctoral research experience and an excellent publication record. Applicants should email in pdf format the following: (1) cover letter, (2) curriculum vitae with 3-4 page statement of current and future research interests, (3) three selective reprints, and (4) three letters of recommendation (submitted directly by the recommenders) to mcm@medicine.tamhsc.edu. To ensure full consideration, applications must be received by November 1, 2013.

Texas A&M is an Affirmative Action/Equal Employment Opportunity Employer. MCM is committed to a diverse and pluralistic faculty. Applications from women, minorities, veterans, individuals with disabilities are strongly encouraged.

Dean, College of Agriculture, Biotechnology and Natural Resources
Director, Agricultural Experiment Station
University of Nevada, Reno

We seek a visionary leader for the College of Agriculture, Biotechnology and Natural Resources in Nevada’s oldest institution of higher education and the state’s land-grant leader in teaching, research and statewide outreach. With ~1000 undergraduate majors, ~83 graduate students, 62 (38 tenure/tenure track) full-time faculty, and 9 staff, the college’s 13 programs encompass a broad range of educational subjects and levels.

Candidates for the position of Dean/Director must hold an earned doctorate or terminal degree from an accredited institution and be eligible for tenure as a full professor in one of the disciplines represented within the college. We require a senior scholar with demonstrated achievement and recognition within his/her discipline. A successful candidate must have a strong record of administrative leadership. This person will have an understanding of and commitment to the land-grant mission of the university and Cooperative Extension. The ability to develop strong relationships with regional and statewide policy makers and stakeholders, as well as with other University units is also required. The successful candidate will have a demonstrated commitment to diversity. Community engagement, development and fund raising are required functions of the position.

For a complete job description and to apply, please visit: https://www.unrsearch.com/postings/13200

The University of Nevada, Reno is committed to Equal Employment Opportunity/Affirmative Action in recruitment of its students and employees and does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, and sexual orientation. The University of Nevada employs only United States citizens and aliens lawfully authorized to work in the United States. Women and underrepresented groups are encouraged to apply.

The University of Tennessee Health Science Center
NEUROGENETICS FACULTY POSITION

The Department of Anatomy and Neurobiology (http://www.uthsc.edu/anatomy-neurobiology/) at the University of Tennessee Health Science Center seeks an outstanding neurogeneticist to fill an open rank tenure track position (Assistant, Associate, Full Professor). The department and campus have state-of-the-art laboratories, core facilities, and unique populations of inbred mouse strains for elucidating the neurogenetics of normal and aberrant brain function (http://cgb.uthsc.edu). We offer competitive salary and start-up packages, and membership in our vibrant interdepartmental Neuroscience Institute (http://www.uthsc.edu/neuroscience). We seek candidates to complement and extend departmental research on CNS underpinnings of obesity, neurodevelopmental/cognitive disorders such as autism, or neurodegenerative disease.

Successful candidates are expected to establish or maintain an independent, extramurally funded research program, and contribute to the department’s teaching mission. Candidates must have a Ph.D., M.D., or equivalent. The search will remain open until the position is filled. For best consideration applications should be submitted by October 15, 2013. Submit curriculum vitae, summary of research interests, and contact information for three references, in a single Word or PDF file to bjsmith@uthsc.edu.

The University of Tennessee is an EEO/AA/Title VI/Title IX, Section 504/ADA/ADEA institution in the provision of its education and employment programs and services.

ANNOUNCEMENT

IKY Fellowships of Excellence for Postgraduate Studies in Greece- Siemens Program In the framework of the Hellenic Republic- Siemens Settlement Agreement

The State Scholarships Foundation (IKY) announces the launching of the program “IKY Fellowships of Excellence for Postgraduate Studies in Greece- Siemens Program” in the framework of the Hellenic Republic- Siemens Settlement Agreement

Specifically, 200 fellowships will be offered as follows:

- 100 for PhD for the period 2012-2016
- 50 for the conduction of postgraduate studies (Master) for the period 2013-2015
- 50 for postdoctoral research for the period 2013-2015

The scholarships allocation per program and per field is as follows:

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<th>Field</th>
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Available information about the program (requirements for eligibility etc) can be found at the following link: http://www.iky.gr/upotrofies-aristias-siemens

The submission deadline is: September 2, 2013 by post.

More information is provided by the IKY’s Exam Department (tel: +302103726397, +302103726395, +2103726394, +302103726346)
We are looking for:

**Group Leader in the field of Epigenetics**

The Max Planck Institute of Immunobiology and Epigenetics in Freiburg, Germany invites applications from scientists for Group Leader in the field of Epigenetics.

One of the two major themes at the Max Planck Institute (MPI) Freiburg is dedicated to fostering an outstanding environment for cutting-edge research in the area of Epigenetics (www.ie-freiburg.mpg.de). We are now seeking to fill a group leader position at the Institute in the department of Asifa Akhtar.

The MPI of Immunobiology and Epigenetics is an international research institute with English as the working language.

**Your tasks:**
The successful candidate will head an independent research group, with generous funds available for positions, start-up investments and annual running costs. In addition, the group will have full access to the institutional infrastructure including mouse and Drosophila facilities as well as service units supporting mass-spectrometry, bioinformatics, deep-sequencing, live cell imaging and FACS sorting. PhD students will be enrolled through the international PhD program IMPRS-MCB (International MPI School of Molecular and Cellular Biology; www.imprs-mcb.mpg.de).

**Your qualifications:**
We are looking for an outstanding group leader with novel and exciting research programs that would integrate well with our present framework of the chromatin and epigenetic research. We are especially interested in candidates with a strong background in fields that complement the current research at the Institute, e.g. biochemistry, transcription, cell cycle, non-coding RNA biology, DNA methylation, chromatin remodeling, epigenetic inheritance, functional genomics and epigenomics. For informal inquiries refer to Asifa Akhtar.

**We offer:**
Salaries will be based on previous experience according to TVöD guidelines.

**Application deadline:**
Applications indicating the reference number 214 comprising C.V., summary of scientific achievements and future research plans as well as the names of three referees should be submitted directly at the job-portal on our homepage until September 22nd, 2013.

Our Institute investigates the molecular basis of the immune response and other topics of the developmental biology, such as the origin and differentiation of the immune cells as well as the development of vertebrate embryo. Another main focus of the Institute is Epigenetic.

Handicapped applicants with equal qualifications will be given preferential treatment. The Max Planck Society seeks to increase the number of women in areas, where they are underrepresented, and therefore explicitly encourages women to apply. A childcare facility is directly attached to the institute.

If you would like to work in a dedicated team, please convince us now by sending us your complete application documents together with your salary expectations and your earliest possible date of joining the Institute.

**Max Planck Institute of Immunobiology and Epigenetics**
Ms. Kanisch

Have we sparked your interest? Please apply online via the Jobmarket at our Homepage. We are looking forward to getting your complete application documents. http://www.ie-freiburg.mpg.de/jobs

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We are looking for:

**Imaging Facility Manager Position**

The Max Planck Institute of Immunobiology and Epigenetics in Freiburg, Germany offers one Imaging Facility Manager Position. The position is available immediately and will be initially for two years with the possibility of extension.

We are seeking an experienced scientist with strong communication skills to run the Imaging Facility of the Institute. The facility is currently equipped with several confocal microscopes (Zeiss, Leica), Zeiss Spinning Disc System, Axio Imager/Apotome and a super-resolution ELYRA microscope.

The MPI of Immunobiology and Epigenetics is an international research institute with English as the working language.

**Your tasks:**
The primary role of the manager will be to provide support for research projects that involve established techniques, the usage of confocal and bright field microscopes for both fixed and living biological samples. Other responsibilities will include developing new techniques, especially in the field of live imaging and super resolution imaging, assisting and training of researchers in sample preparation and instrument use as well as assistance in image analysis.

**Your qualifications:**
Candidates should have a PhD or equivalent experience in using conventional microscopy techniques as well as a variety of fluorescent and confocal techniques for imaging fixed and living cells. Prior experience of working in or running a microscopy facility is a plus. Furthermore, candidates should be skilled in the use of standard image analysis programs, such as Metamorph or Imaris, and have experience in managing small groups. Candidates with biophysical background are desirable.

**We offer:**
Salaries will be based on previous experience according to TVöD guidelines.

**Application deadline:**
Applications indicating the reference number 210 comprising C.V., publication list, a one page outline of their experience as it would apply to the offered position as well as the names of three referees should be submitted directly at the job-portal on our homepage until September 15th, 2013.

Our Institute investigates the molecular basis of the immune response and other topics of the developmental biology, such as the origin and differentiation of the immune cells as well as the development of vertebrate embryo. Another main focus of the Institute is Epigenetic.

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If you would like to work in a dedicated team, please convince us now by sending us your complete application documents together with your salary expectations and your earliest possible date of joining the Institute.

**Max Planck Institute of Immunobiology and Epigenetics**
Ms. Kanisch

Have we sparked your interest? Please apply online via the Jobmarket at our Homepage. We are looking forward to getting your complete application documents. http://www.ie-freiburg.mpg.de/jobs
POSITIONS OPEN

FACULTY POSITION in Integrative Biology

The Department of Biology at the University of Central Florida (UCF) invites applicants for a tenure-track faculty appointment in Integrative Biology at the rank of ASSISTANT PROFESSOR. All scales of research are welcomed from subcellular processes to interactions among organisms or their environment. The candidate’s research should utilize innovative approaches and must possess an overarching evolutionary or ecological perspective while focusing on cellular, developmental, genetic, or physiological processes. Candidates must have a demonstrated ability or strong potential to establish and maintain a vigorous, extramurally funded research program. The successful candidates will contribute to our core undergraduate and graduate programs (Master’s and Ph.D.) by teaching molecular, cellular, and/or genetic themed courses and by mentoring graduate students. UCF maintains a strong research emphasis with competitive startup funds and teaching loads. UCF is designated by the Carnegie Foundation as a research university of very high activity (RU/VH), and is one of the top five ‘Up-and-Coming Schools’ as published in the 2012 U.S. News and World Report. See website: http://biology.cos.ucf.edu for departmental details.

Successful candidates must have a Ph.D. and appropriate postdoctoral training. Applicants must complete an online job application at website: http://www.jobswithucf.com for position #39286. In a separate e-mail, applicants must send a single PDF document that includes a letter of intent, curriculum vitae, a two-page statement of research plans, and a one-page teaching philosophy statement to Dr. Ken Fedorka (e-mail: bio-search@mail.ucf.edu) and arrange for three letters of recommendation to be sent to the above e-mail address. Review of applications will begin October 1, 2013, with an anticipated start date of August 2014. Groups traditionally underrepresented in the Biological Sciences are encouraged to apply. UCF is an Affirmative Action/Equal Opportunity Employer. As an agency of the State of Florida, all application materials and selection procedures are available for public review.

UNIVERSITY OF ROCHESTER (NY)

The Department of Chemistry invites applications in the area of inorganic chemistry, broadly defined. This search is primarily for candidates at the junior level, but exceptional senior candidates may also be considered. Candidates are expected to establish an outstanding program of original research and to be effective teachers at the graduate and undergraduate levels. Application materials are to be submitted online at website: https://www.rochester.edu/fort/chm/. Materials to be submitted must include curriculum vitae indicating graduate and postdoctoral advisors, a statement of research plans, and a statement of teaching interests. Junior candidates will also enter the names and e-mail addresses of three references. The references will be notified by e-mail with instructions for online submission of letters. The department will solicit letters for any senior candidates. Review of complete applications will begin on October 7, 2013. Questions may be sent to e-mail: facrec@chem.rochester.edu. The University of Rochester is an Equal Opportunity Employer, and has a strong commitment to diversity and actively encourages applications from groups underrepresented in higher education.

Download your free copy today.

ScienceCareers.org/booklets

From technology specialists to patent attorneys to policy advisers, learn more about the types of careers that scientists can pursue and the skills needed in order to succeed in nonresearch careers.

ScienceCareers
From the journal Science AAAS