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Science Careers

From the journal *Science*



POSTDOCTORAL OPPORTUNITIES

POSTDOCTORAL RESEARCH ASSISTANT

Kansas City University of Medicine and Biosciences (KCUMB) offers an exciting full-time opportunity in the Microbiology Department. Under the direction of an associate professor of microbiology, the successful candidate will contribute to the advancement of the University; assist in ensuring optimal functioning of the Laboratory; and help ensure high quality outcomes in research endeavors.

Requires: Ph.D. in biochemistry, microbiology, molecular biology, or pharmacology cell and molecular immunology, or related discipline. Must have two years of experience in biomedical research and three years of laboratory experience in basic microbiology techniques and protocols. Must have demonstrated excellence in laboratory experimentation. Excellent communication skills (oral/written) essential. Effective presentation/public speaking skills essential. Must have effective interpersonal skills and the ability to work with all faculty and staff. Demonstrated consistent record in biomedical research and a vision to further multidisciplinary departmental research in the molecular and cellular aspects of infectious diseases, host-pathogen interactions, and immunological host responses to infection. Content expertise in translational research, signal transduction, human cellular immunity, and DNA microarray, preferred. Must be a highly motivated, self-disciplined, and organized self-starter. Ability to work effectively and efficiently in a team environment. Computer literacy required. For additional information, contact **Alexandre Shnyra, Ph.D., Associate Professor, Department of Microbiology, telephone: 1-800-234-4847, extension 2249 or telephone: 816-283-2249, e-mail: ashnyra@kcumb.edu**. Please visit website: <http://www.kcumb.edu> and click on Employment to view remainder of ad and curriculum vitae submission directions.

POSTDOCTORAL RESEARCH ASSISTANT

Kansas City University of Medicine and Biosciences (KCUMB) offers an exciting full-time opportunity in the Biochemistry Department. Under the direction of an associate professor of biochemistry, the successful candidate will contribute to the advancement of the University; assist in ensuring optimal functioning of the Laboratory; and help ensure high quality outcomes in research endeavors. The candidate will be involved in research on the molecular mechanisms underlying loss of neuronal function in the aging brain and the biochemical link between normal brain aging and increased susceptibility to neurodegenerative disorders such as Alzheimer's and Parkinson's disease. The successful applicant will have a Ph.D. in biochemistry, molecular biology, cell biology, or related discipline; two years of experience working in a biomedical research laboratory; demonstrated excellence in laboratory experimentation; and a vision to further multidisciplinary research on the molecular and cellular aspects of brain aging and neurodegeneration. Expertise in rodent handling, conducting enzyme and other biochemical assays, mammalian cell culture, confocal microscopy, protein expression and purification, immunoblotting, and enzyme-linked immunosorbent assay is highly desirable. A strong background in neurobiology and protein biochemistry preferred. For additional information, contact **Asma Zaidi, Ph.D., Associate Professor, Department of Biochemistry, telephone: 1-800-234-4847, extension 2297 or telephone: 816-283-2297, e-mail: azaidi@kcumb.edu**. Please visit website: <http://www.kcumb.edu> and click on Employment to view remainder of ad and for curriculum vitae submission directions.

POSTDOCTORAL FELLOW. Dr. Debra Schwinn's Laboratory is seeking a highly motivated Ph.D. with expertise in molecular biology, biochemistry, and pharmacology. Familiarity with confocal imaging and other cell signaling assays desirable. Will be working predominantly on $\alpha 1a$ AR signal transduction. E-mail curriculum vitae and references to e-mail: dschwinn@u.washington.edu, Anesthesia, University of Washington, Seattle, WA.

POSTDOCTORAL OPPORTUNITIES



POSTDOCTORAL RESEARCH ASSOCIATE-RESEARCH CHEMIST

The United States Department of Agriculture, Agricultural Research Service, Chemistry Research Unit, Center for Medical, Agricultural, and Veterinary Entomology, Gainesville, Florida, is seeking a Postdoctoral Research Associate (Research Chemist), for a two-year appointment. Salary commensurate with experience (\$54,494 to \$70,843 per annum) plus benefits. *Citizenship restrictions apply.* The incumbent will study the semiochemically mediated interactions between plants, insects, and other organisms. The position provides a unique opportunity for investigating the chemical and biochemical factors that mediate defensive responses in plants attacked by herbivorous insects or infected with pathogens, as well as insect behavior, including the foraging behaviors of beneficial and pest insects. The goal of the research is to design and develop new, effective, environmentally acceptable technologies for managing insect pests of agriculture. In addition to basic educational requirements, applicants must demonstrate: (1) Ability to isolate and identify biologically active natural compounds; (2) Knowledge of analytical chemical methods including chromatography and spectroscopy of organic and biochemical compounds; and (3) Knowledge of biochemistry, biology, entomology, and/or plant physiology and biochemistry. Refer to website: <http://www.ars.usda.gov/careers> for the full text announcement (RA-08-055L) and for complete application instructions. Send application materials to **Dr. Hans Alborn or Dr. Peter E.A. Teal, United States Department of Agriculture, Agricultural Research Service, Chemistry Research Unit, CMAVE, 1700 S.W. 23rd Drive, Gainesville, FL 32608** or e-mail: hans.alborn@ars.usda.gov. *USDA is an Equal Opportunity Provider and Employer.*

POSTDOCTORAL FELLOWSHIP

Department of Environmental Medicine
University of Rochester School of Medicine and Dentistry

A Postdoctoral Fellowship is available immediately to study multiple hit models of neurotoxicity including interactions of environmental neurotoxins with other risk factors in the context of neurodegenerative and neurodevelopmental diseases and disorders. Competitive candidates will have a Ph.D. and expertise in neuroscience and/or toxicology, a strong publication record, and excellent communication skills. *The funding source for this position requires U.S. citizenship.* Interested individuals should submit curriculum vitae and the names of three references to: **Dr. Deborah Cory-Slechta, Professor, Department of Environmental Medicine, University of Rochester School of Medicine and Dentistry; e-mail: deborah_cory-slechta@urmc.rochester.edu**. *The University of Rochester is an Equal Opportunity Employer.*

NEUROIMMUNOLOGY POSTDOCTORAL FELLOWSHIP is available at the University of North Carolina, Chapel Hill to study cellular and molecular events involved in the pathogenesis of multiple sclerosis. Our Laboratory focuses on T cell receptor specificity/degeneracy of autoreactive cells and the translational studies on mechanisms of action of immunomodulatory therapies. Candidate should have extensive experience in cellular and molecular immunology, including T cell cloning, flow cytometry, immunoblotting, and gene expression analysis. Interested candidates should forward curriculum vitae and letter of interest to: **Silva Markovic-Plese, M.D. Associate Professor of Neurology, Immunology and Microbiology, 6109 Neuroscience Research Building, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599. Telephone: 919-966-3701; e-mail: markovics@neurology.unc.edu**. *Equal Opportunity Employer.*