

Positions Available

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Positions Available and Conferences & Courses Advertising Information

NEURON publishes advertisements for positions available and for announcements of courses, conferences, and symposia. The 1995 rates are \$175 for a quarter page, \$305 for a half page, and \$575 for a full page. We will accept camera-ready materials by mail, or copy to be typeset by mail or fax. If you choose to have your ad typeset by NEURON, the size of the ad will be determined by the number of words. Quarter-page ads contain up to 130 words, half-page ads contain 131-240 words, and full-page ads contain 241-500 words. Camera-ready ads must be surrounded by a line border in one of the following dimensions: quarter-page - 3" by 4 1/2"; half-page - 6 1/2" by 4 1/2" (horizontal), 3" by 9 1/4" (vertical); full-page - 6 1/2" by 9 1/4". Ads must include a cover letter with the name of the journal and date on which your ad is to appear, a billing address, a purchase order number, and the name, address, and phone and fax numbers of the contact person. All foreign advertisers must send prepayment with their advertising materials. All payment must be in U.S. dollars drawn on a U.S. bank. Typesetting deadlines are as follows:

PUBLISHING DATE	DEADLINE	PUBLISHING DATE	DEADLINE
December 22, 1995	November 24, 1995	May 24, 1996	May 1, 1996
January 26, 1996	December 27, 1995	June 21, 1996	May 29, 1996
February 23, 1996	January 24, 1996	July 19, 1996	June 26, 1996
March 22, 1996	February 21, 1996	August 23, 1996	July 24, 1996
April 19, 1996	March 20, 1996	September 20, 1996	August 21, 1996

Send all advertising materials to:

Jennifer Oneglia ♦ Classified Advertising Coordinator ♦ Cell Press
1050 Massachusetts Avenue ♦ Cambridge, MA 02138
Tel: (617) 661-7057 ext. 132 ♦ Fax: (617) 661-7061

Postdoctoral Fellow Position

Institute for Molecular Medicine and Genetics

A postdoctoral fellow position is available immediately to study the molecular structure of voltage sensitive calcium channels.

Projects include cloning and functional characterization, and molecular mechanisms of regulation and pharmacological modulation of calcium channels. Applicants should have a Ph.D. degree and experience in molecular biology or electrophysiology.

Please send curriculum vitae and names of three references to:

Dr. Chris Wei
Institute for Molecular
Medicine and Genetics
Medical College of Georgia
Augusta, GA 30912-3175

Postdoctoral Associate in Developmental Neurobiology

Opportunity to join a lab that is defining *in vivo* cellular and molecular mechanisms that regulate neuronal synapse formation. Particular interests include identifying (1) changes in gene expression that underlie synaptogenesis [*Neuron* 14, 153 1995] as well as (2) protein interactions and specific sequences that mediate the restricted distribution of synaptic components. Relevant techniques include: quantitative RT-PCR, *in situ* hybridization, generation of chimeric proteins, viral vector mediated gene transfer, immunocytochemistry, two-hybrid systems, and microsurgery. Experience in one or more of these techniques and knowledge of Neurobiology are preferred. Please send CV, a statement of research experience and interests, and the names and phone numbers of three references to:

**Dr. Michele Jacob, c/o Human
Resources, Worcester
Foundation for Biomedical
Research, 222 Maple Avenue,
Shrewsbury, MA 01545.**
EOAAE.



Positions Available

JOHNS HOPKINS SCHOOL OF MEDICINE DEPARTMENT OF NEUROSCIENCE POSTDOCTORAL FELLOWSHIPS

Postdoctoral positions are available with the participating faculty.

Ruben Adler, MD:	Mechanisms of retinal development and degeneration.
Jay Baraban, MD, PhD:	Molecular biology of neuronal plasticity.
Ted Dawson, MD, PhD:	Molecular mechanisms of cell death.
Valina Dawson, PhD:	Cell death signalling pathways.
Betty Eipper, PhD:	Biosynthesis of neuropeptides.
Anirvan Ghosh, PhD:	Differentiation and patterning of connections in the CNS.
David Ginty, PhD:	Neuronal signaling and regulation of gene expression.
Stewart Hendry, PhD:	Functional organization and plasticity of primate visual system.
Steven Hsiao, PhD:	Spatial form, texture & vibration in the somatosensory system.
Richard Huganir, PhD:	Molecular regulation of synaptic transmission.
Kenneth Johnson, PhD:	Cortical mechanisms of perception.
Alex Kolodkin, PhD:	Mechanisms of growth cone guidance.
David Linden, PhD:	Cellular substrates of memory.
Richard Mains, PhD:	Cell biology of neuropeptides.
Mark Molliver, MD:	Neuronal responses to drug abuse.
Jeremy Nathans, MD, PhD:	Molecular biology of the human visual system.
Jonathan Pevsner, PhD:	Synaptic vesicle trafficking.
Randall Reed, PhD:	Olfaction and neuronal differentiation.
Gabriele Ronnett, MD, PhD:	Olfactory signal transduction.
Christopher Ross, MD, PhD:	Molecular biology of neuropsychiatric disorders.
Fabio Rupp, PhD:	Molecular features of synapse formation.
David Ryugo, PhD:	Synaptic organization of the central auditory system.
Solomon Snyder, MD:	Neural messenger molecules.
Michael Steinmetz, PhD:	Neurophysiology of selective visual attention.
Rudiger von der Heydt, PhD:	Neural basis of visual perception.
Paul Worley, MD:	Immediate early genes and neuronal plasticity.
King-Wai Yau, PhD:	Visual and olfactory transduction.

Please enclose a current curriculum vitae and description of your research interests.

For further information write to:

Solomon Snyder, MD
Director, Department of Neuroscience
Johns Hopkins University School of Medicine
725 N. Wolfe Street
Baltimore, MD 21205

More information may be found at our World Wide Web site:
<http://www.med.jhu.edu/neurosci/welcome.html>

An EEO/AA employer.

Positions Available

Molecular "Excitable Cell" Physiologist

A tenure-track professorship is available for a molecular physiologist whose research interests in nerve and muscle cells complement those of the neurobiology and cardiopulmonary faculty in the Department. The successful candidate must have a Ph.D. or equivalent, two years of postdoctoral research experience, and is expected to establish extramurally-funded research and participate in teaching. Start-up funds are available.

Application deadline is November 15, 1995. A letter describing research interests and teaching experience, curriculum vitae, and the names and addresses of four individuals who were asked to provide reference letters should be sent to:

Dr. Douglas Ishii
Department of Physiology
Colorado State University
Fort Collins, CO 80523

Colorado State University is an EO/AA Employer. Women and ethnic minorities are strongly urged to apply.



ELECTROPHYSIOLOGY/PATCH CLAMP RESEARCH ASSOCIATE

Individual wanted for Alzheimer-related research. Recent experiments in this laboratory implicate the β -amyloid peptides of Alzheimer's disease in causing cytotoxicity in neuronal cells via an ionophore mechanism. We propose to explore this opportunity to produce antagonists to this process, and test them by the techniques of electrophysiology, particularly patch clamping.

Requirements: PhD or MD, at least two years' experience with electrophysiology of cultured or isolated cells or slices, and at least one publication with the applicant as first author. Some protein/peptide biochemistry experience desirable.

Salary is negotiable, but in accordance with experience. The appointment is for twelve months, with the possibility of renewal.

Contact: **Dr. Vernon M. Ingram, Department of Biology, Massachusetts Institute of Technology, Room 68-333, Cambridge, MA 02139-4307, USA; Tel: 617-253-3706; FAX: 617-253-8699; e-mail: vingram@mit.edu.**

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

UCLA NEUROSCIENCE

The University of California Los Angeles, as part of a major initiative in neuroscience, is seeking to fill three tenure-track positions, at the assistant professor level, in the UCLA College of Letters and Science. We invite applications from individuals doing research in the following areas:

- (1) **molecular cell biology:** molecular analysis of cellular processes such as synaptic transmission and neural integration;
 - (2) **systems neurobiology:** studies of multineuronal networks, from small ensembles to circuitry underlying complex behavior; and
 - (3) **behavioral neuroscience:** neural basis of learning. Outstanding applicants in other areas of behavioral neuroscience, especially visual or cognitive neuroscience, will be also be considered.
- This appointment will be made in the Department of Psychology.

All appointees will teach undergraduate and graduate courses in their broad and specialty areas of training and will participate in interdepartmental programs in neuroscience.

For all positions, submit a *curriculum vitae*, reprints/preprints, and a statement of research interests, plans and goals. Also arrange for three letters of recommendation to be sent to the appropriate search committee. Send applications and letters, by December 31, to appropriate search committee. For positions (1) or (2) send application to Search Committee, Molecular Cell Biology or Systems Neurobiology, Brain Research Institute, UCLA, Box 951761, Los Angeles, CA 90095-1761; for position (3), send application to BNS Search Committee, Department of Psychology, Box 951563, Los Angeles, CA 90095-1563

The University of California is an Affirmative Action/Equal Opportunity Employer. Women and members of underrepresented minorities are encouraged to apply.

Positions Available

Department of Bioengineering The University of Utah

Tenure-Track Faculty Position

The University of Utah Department of Bioengineering invites applications for a tenure-track faculty position at the Assistant or Associate Professor level in the area of NEURAL PLASTICITY AND CONTROL.

Candidates must have an earned doctorate, a strong physical science or engineering background, with a clear biological direction to their research (as indicated in their grant support and publications), and post-doctoral or industrial research experience. Specifically, we are seeking candidates with demonstrated expertise in the areas of information processing and plasticity in higher neural centers, biological neural network architectures, and/or adaptive and hierarchical biological control systems.

The successful applicant will be expected to develop a significant research program, to assist in the development of new teaching laboratories, and to teach graduate classes in his/her area of specialization.

A complete CV, names of three references, and a brief career goals/objectives statement should be sent to:

Dr. R. Normann
Chair, Department of Bioengineering
2480 MEB
University of Utah
Salt Lake City, Utah 84112

phone 801-581-8528
fax 801-585-5361

*Applications will be accepted until
December 15, 1995, or until a
qualified applicant is identified.*

*The University is an AA/EEO employer,
encourages applications from women
and minorities, and provides reasonable
accommodation to the known disabilities
of applicants and employees.*

Faculty Position in Neuroscience at Children's Hospital and Harvard Medical School

The Division of Neuroscience at Children's Hospital is inviting applications from MD or PhD scientists for the position of **Assistant Professor**. The possibility exists for a joint appointment in the Department of Neurobiology at Harvard Medical School.

Applicants should have an outstanding research background in any area of developmental, cellular or molecular neurobiology.

Send a CV, current and future research plans, relevant reprints, and 3 letters of reference to:

Michael E. Greenberg, PhD
Director--Division of Neuroscience
Children's Hospital
300 Longwood Avenue
Boston, MA 02115

*Harvard Medical School is an Equal
Opportunity/Affirmative Action Employer.
Women and minority candidates
are encouraged to apply.*

Postdoctoral Positions Cellular Neurophysiology

Positions are immediately available for research in the study of synaptic properties in brain slices after gene transfer. Experience in whole-cell patch clamp recording and/or intracellular calcium imaging in brain slices essential; molecular biology helpful.

Send or fax a curriculum vitae, a short statement of research experience and interests, and names of three references to:

Dr. Katsumi Sumikawa
Department of Psychobiology
University of California
Irvine, CA 92717-4550

Fax: 714-824-2447

*University of California is an Equal
Opportunity Employer committed
to excellence through diversity.*

Positions Available

Molecular and Cellular Neuroscience Position Neurodegenerative Disease University of Connecticut Health Center School of Medicine

Evaluation of candidates is ongoing for the fourth of four new tenure track positions in the areas of molecular and cellular neurobiology and neurogenetics related to neurodegenerative disease. This search is part of a state funded initiative in the neurosciences.

Appointments will be made at the levels of Assistant Professor, Associate Professor and/or Professor in the Department of Pharmacology. The appointees will also become members of the interdepartmental Program for Neurological Sciences. Areas of interest include, but are not restricted to, aging and Alzheimer's Disease, neuronal degeneration, demyelinating disease and regenerative processes. Interest will be centered around individuals with the capacity to develop and lead strong, vigorous, independent research programs.

Candidates should send curriculum vitae, a description of current and future research interests and three letters of recommendation to:

Dr. Steven E. Pfeiffer
Chair of Search Committee
Department of Microbiology
University of Connecticut Medical School
Farmington, CT 06030-3205

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See Instructions on Reverse

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- Be sure to furnish all information called for in item 15, regarding circulation. Free circulation must be shown in items 15d, e, and f.
- If the publication had second class authorization as a general or register publication, this Statement of Ownership, Management, and Circulation must be published. It must be printed in any issue in October or the first printed issue after October if the publication is not published during October.
- In item 16, indicate date of the issue in which this Statement of Ownership will be printed.
- Item 17 must be signed.
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