

Science Careers

From the journal *Science*



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Faculty Position in the Immunological or Inflammatory Basis of Neurological Disorders

The Departments of MGM and Neurology at the University of New Mexico School of Medicine (<http://hsc.unm.edu/som/micro/>) are seeking a faculty member with experience and interest in studying immunological/inflammatory aspects of neurological disorders to participate in a new Brain and Behavior Illnesses Institute (BBI). Examples of desired areas of research include, but are not limited to:

- Innate immunity and inflammation in acute and chronic cerebrovascular diseases
- Autoimmune diseases of the central nervous system
- Inflammation and migration of immune cells through the blood brain barrier mediated by free radicals and matrix metalloproteinases
- Immunological/inflammatory aspects of Alzheimer's Disease and other neurodegenerative disorders
- Immunological approaches to infectious diseases of the central nervous system
- Mechanisms of angiogenesis, neurogenesis, cell death and survival in neurological disorders

The successful applicant is expected to develop a strong research program in neuroinflammation, and will have the opportunity to pursue interests in immunology, neurobiology, and translational research, using multi-disciplinary approaches. Appointment will be at the rank of Assistant Professor with a primary appointment in the Department of MGM (Molecular Genetics and Microbiology) and a joint appointment in the Department of Neurology. She or he will be expected to develop a research program in immunology or inflammation of neurological disorders, including but not limited to stroke, Alzheimer's disease, multiple sclerosis and other immune etiology disorders, and inflammatory processes in cerebral ischemia and neurodegenerative disorders. The Brain and Behavioral Illnesses Institute is a new research focus for the UNM Health Sciences Center and interaction with other signature programs is also highly encouraged and anticipated. There are opportunities for utilization of 4.7T animal and 3T human MRI with extensive computational support, 2-photon microscopy and electron paramagnetic resonance in the NIH P30-sponsored Brain Imaging Center. A very strong interaction with other members of the two departments and with other faculty engaged in the study of neuroinflammation is expected. The faculty member will participate in teaching medical students, graduate students and neurology trainees and in departmental and institutional activities.

Minimum Requirements:

- Ph.D., M.D. or equivalent
- 2 years of postgraduate research experience in neuroinflammation, inflammation, cerebral ischemia, or immunology related to neurological diseases
- Eligible to work in the United States

Desirable Qualifications:

- Strong record of scientific accomplishments
- Current funding (K99 or equivalent) or high probability of receiving external funding
- Potential for research and educational interactions with members of the Department of MGM and Neurology and the Neuroinflammation Group
- Potential synergy with UNM Health Sciences Center BBI and other signature programs <http://hsc.unm.edu/research/info/programs.shtml>
- Potential synergy with UNM Clinical and Translational Science Center <http://hsc.unm.edu/research/ctsc/index.shtml>

UNM places a high priority on the success of its faculty. The successful applicant will be given protected time and mentoring by senior faculty to increase the likelihood of success in extramural funding.

For best consideration apply by, **September 6, 2011**. The position will remain open until filled. For complete details of this position and to apply, access Faculty Posting at: <https://unmjobs.unm.edu/>, reference posting #0811372. For complete details of this position or to apply, please visit this website: <https://unmjobs.unm.edu>. For additional information you may contact: **Dolores Tarin, Search Coordinator, (505) 272-5249, dtarin@salud.unm.edu**.

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