

Senior Research Support Specialist, Neurology
University at Buffalo, The State University of New York

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Posted Dec. 8, 2023, set to expire Aug. 4, 2024

Job Title	Senior Research Support Specialist, Neurology
Department	Neurology
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Dec. 8, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
Job Website	https://www.ubjobs.buffalo.edu/postings/46947

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Job Description

A **Senior Research Support Specialist** position in ischemic neuroprotection is available immediately in the laboratory of [Dr. Marc Halterman](#) (Professor, Department of Neurology). Studies involve the development of neuroprotective therapies to limit reperfusion injury, hemorrhagic transformation, and systemic inflammation induced following ischemic stroke. Themes emphasized in this project include mechanisms of ischemia-reperfusion injury, vascular biology, and clinically tractable interventions to limit systemic innate immune activation. In this position, you will:

Rodent Stroke Modeling

- Perform survival surgeries modeling stroke and postoperative care of juvenile and adult mice.
- Perform measures of lung function and animal behavior in post-stroke, anesthetized mice.
- Analyze and evaluate experimental data and interpret results within the scope of the study; assess the importance of findings of the general research program.

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Tissue analyses

- Process tissue for histology, immunohistochemical protocols, and various analyses, including Western blotting, biochemical assays and other biomarker analyses, and gene expression analysis.

Project Management

- Develop and implement operating procedures for the laboratory and independently operates complex equipment.
- Develop and modify test methods and selects procedures for data collection and handling.
- Contribute to the writing of research proposals and manuscripts and prepares regulatory documentation required for research compliance.

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our [benefit packages](#).

About The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Contact Information

Please reference Academickeys in your cover letter when



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applying for or inquiring about this job announcement.

Contact

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