

Laboratory Technician, 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	Laboratory Technician, 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/46948

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Job Description

We are seeking a **Laboratory Technician** to perform multiple duties supporting a laboratory studying basic and translational mechanisms of stroke at the molecular, cellular, and animal models. Primary duties will include basic cell culture and transgenic colony maintenance, including breeding, weaning, and collecting tissue for genotyping. In this position, you will be responsible for:

Transgenic colony management

- Primary responsibility for breeding, weaning, tail clipping, PCR-based genetic screening, transportation, and euthanizing mice. Work includes maintaining the colony database, tracking matings and lineages, and maintaining IACUC protocols. Acts as liaison between Vivarium and the laboratory on animal colony matters.
- Generate data by handling of laboratory animals, including behavioral analyses (open field, rotarod, corner test), harvesting tissues for histological processing, brain sectioning, histology,

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protein analysis, and isolation of tissues for primary cell culture.

- Ensures compliance with university and federal laboratory animal and safety regulations. Understands the critical role of the animal care and identification and the importance of his or her individual responsibility for the integrity of various aspects of research projects. Understands the detrimental consequences to research projects and animals that his or her failure to fulfill such responsibilities can entail.

Cell Culture & Molecular Biology

- Perform molecular biology protocols, such as PCR, gel electrophoresis, immunohistochemistry, isolation of protein, DNA and RNA from cells or tissues for Western blot, RT-PCR etc.
- Manage laboratory cell line stocks and perform basic manipulations, including transfection and electroporation.

Laboratory Management

- Perform lab maintenance tasks including maintenance of laboratory space, preparing buffers and stock solutions, and writing up protocols. Maintaining inventory and equipment as needed and directed by laboratory manager.
- Compile scientific data and maintain lab notebook for all experiments performed and analyze data.

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](#).

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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 applying for or inquiring about this job announcement.

Contact

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