

Research Technician I, Medicine
University at Buffalo, The State University of New York

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Posted Mar. 22, 2024, set to expire Aug. 4, 2024

Job Title	Research Technician I, Medicine
Department	Medicine
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Mar. 22, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Classified Staff
Academic Field(s)	Research/Technical/Laboratory
Job Website	https://www.ubjobs.buffalo.edu/postings/49263
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Job Description	

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The research laboratory of [Dr. Adelaiye-Ogala](#) in the [Division of Hematology Oncology](#), Department of Medicine, Jacobs School of Medicine, and Biomedical Sciences is actively seeking a highly motivated **Research Technician** with experience in the use of mice to study underlying mechanisms driving therapeutic resistance in genitourinary cancers with emphasis on prostate cancers and kidney cancers. The lab uses preclinical experimental data in clinically relevant cell lines and patient derived xenograft (PDX) and/or organoids to test new treatment modalities through animal studies. Research activity will include performing in vivo studies to test investigational compounds/drugs in the pipeline for efficacy and durability, characterization, and maintenance of established and new PDX, functional and biochemical assays. Motivated candidates are encouraged to apply!

Primary responsibilities include:

- Development and maintenance of PDX and mouse colony.
- Perform in vivo experiments in mice, specimen/data collection and analysis.
- Prepare and perform analysis of tissues and cell extracts to assess molecular activities by PCR/qRT-PCR), ChIP, western blot, IHC, ELISA and fluorescence imaging.
- Perform experiments utilizing a variety of immunological techniques, such as: flow cytometry, ELISA, RT-PCR, electrophoresis, fluorescence imaging, etc.
- Maintain a safe and clean laboratory environment including proper handling and disposal of hazardous materials/waste, proper inventory of laboratory materials and maintenance of laboratory equipment and instruments.
- Train new undergraduate and graduate students in laboratory techniques.

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. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about the great [benefits](#) the University at Buffalo has to offer.

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

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others every day. Visit our website to learn more about the [University at Buffalo](#).

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact