

Postdoctoral Associate
University at Buffalo, The State University of New York

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Posted Sep. 9, 2024, set to expire Aug. 4, 2025

Job Title	Postdoctoral Associate
Department	Microbiology and Immunology
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Sep. 9, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - Microbiology
Job Website	https://www.ubjobs.buffalo.edu/postings/52638

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Job Description

Postdoctoral Associate positions on NIH-funded research projects are available in the laboratory of Dr. Saikat Boliar in the [Department of Microbiology and Immunology](#) of the Jacobs School of Medicine & Biomedical Sciences at University at Buffalo, the State University of New York.

The Boliar lab studies HIV-1 persistence in tissue-resident lung alveolar macrophages and its impacts on macrophage innate immunity. The postdoctoral associates will work in close collaboration with scientists at the Malawi-Liverpool-Wellcome Clinical Research Program in Blantyre, Malawi to investigate viral genomic and transcriptomic profiles in infected alveolar macrophages and how the cellular distribution compares in anti-retroviral treated or untreated study participants. A second project will focus on identification of the role of novel host-dependency factors, particularly long non-coding RNAs (lncRNAs) in HIV-1 latency/persistence and investigate how lncRNAs can be therapeutically targeted.

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Duties and Responsibilities include:

- Work in BSL2+ lab with HIV-1 virus, molecular virology, cell culture, cloning, RNA biology, flow-cytometry/sorting.
- Glassware cleaning, media and buffer preparation
- Laboratory notebook upkeep, research data presentation/publication

The postdoctoral associates will have the opportunity to work in an internationally collaborative and supportive environment, gain expertise in molecular virology, immunology and RNA biology and receive mentoring for research and career development.

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 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 applying for or inquiring about this job announcement.



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