

Postdoctoral Associate, Microbiology and Immunology
University at Buffalo

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Posted Nov. 7, 2025, set to expire Aug. 4, 2026

Job Title	Postdoctoral Associate, Microbiology and Immunology
Department	Microbiology and Immunology
Institution	University at Buffalo Buffalo, New York
Date Posted	Nov. 7, 2025
Application Deadline	11/06/2026
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - Microbiology
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Job Description

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Postdoctoral Associate, Microbiology and Immunology

Position Information

Position Title: Postdoctoral Associate, Microbiology and Immunology

Department: Microbiology and Immunology

Posting Link: <https://www.ubjobs.buffalo.edu/postings/59884>

Job Type: Full-Time

Postdoctoral Associate, Microbiology and Immunology University at Buffalo

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Posting Detail Information

Position Summary

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.

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.

Learn more:

- Our [benefits](#), where we prioritize your well-being and success to enhance every aspect of your life.
- Being a part of the [University at Buffalo community](#).

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

Minimum Qualifications

- PhD graduate in the field of virology, immunology or biochemistry.

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Preferred Qualifications

- Prior research experience in one or more of the following areas is preferred: HIV virus isolation/production, mutagenesis, cloning, flow-cytometry, RNA biology.
- Knowledge of next-generation sequencing and bioinformatics is a plus.
- Ability to work independently and in a collaborative team.
- Strong written and oral communication skills, as evidenced by first-author publication(s) and research presentation(s).

Physical Demands

Salary Range

\$47,500 - \$65,000

Special Instructions Summary

Is a background check required for this posting?

No

Contact Information

Contact's Name: Saikat Boliar

Contact's Pronouns:

Contact's Title: Assistant Professor

Contact's Email: sboliar@buffalo.edu

Contact's Phone: 716-829-3364

Posting Dates

Posted: 11/06/2025

Deadline for Applicants: Open Until Filled

Date to be filled:

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Contact Information

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

Contact

N/A

University at Buffalo

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