

**Postdoctoral Associate  
University at Buffalo**

Direct Link: <https://www.AcademicKeys.com/r?job=261948>

Downloaded On: Sep. 3, 2025 5:43pm

Posted Sep. 2, 2025, set to expire Aug. 4, 2026

**Job Title** Postdoctoral Associate  
**Department** Chemistry  
**Institution** University at Buffalo  
Buffalo, New York

**Date Posted** Sep. 2, 2025

**Application Deadline** 08/29/2026  
**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Chemistry - General

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**Job Description**

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**Postdoctoral Associate**

**Position Information**

**Position Title:** Postdoctoral Associate

**Department:** Chemistry

**Posting Link:** <https://www.ubjobs.buffalo.edu/postings/58767>

**Job Type:** Full-Time

**Posting Detail Information**

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### Position Summary

Postdoctoral Research Opportunity: Lipid Biology, Cell Death, and Evolutionary Genomics.

We are seeking a highly motivated **Postdoctoral Associate** to join our collaborative research program at the intersection of lipid biology, cell death, and evolutionary genomics. The project, primarily led by the Atilla Laboratory ([Department of Chemistry](#)), investigates how lipid signaling and membrane dynamics regulate necroptotic cell death and its inflammatory consequences, using state-of-the-art approaches in lipidomics, chemical biology, and advanced imaging. The postdoctoral researcher will collaborate closely with the Gokcumen Laboratory ([Department of Biological Sciences](#)), which focuses on evolutionary and bioinformatics approaches, to explore how lipid-related genes and necroptotic pathways have evolved across species.

This integrative research program offers a unique opportunity to lead innovative projects that bridge mechanistic cell biology with evolutionary insight, linking genomic variation to specific, lipid-related biological traits.

Duties may include, but are not limited to:

- organize and implement research plans
- develop methods or research that incorporate highly specialized training in a specific specialty
- conduct tests procedures and engage in data collection
- analyze, evaluate, and present findings in professional journals and at professional conferences and meetings

The ideal candidate will have a background in cell biology, lipidomics, evolutionary genomics, or bioinformatics. More importantly, we are seeking an individual with a strong interest in learning and integrating across these disciplines. This is an excellent opportunity to expand computational skillset and engage in truly interdisciplinary science.

### ***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

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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 in Biomedical Sciences or relevant fields.

### Preferred Qualifications

- Expertise in mammalian cell culture, bioinformatics, lipidomics, molecular biology. Experience in state-of-the-art in vitro models preferred.

### Physical Demands

### Salary Range

\$63,000 - \$68,000

### Special Instructions Summary

All application materials should be submitted via UB Jobs. Application materials submitted directly to the posting contact will not be acknowledged and cannot be considered.

### Is a background check required for this posting?

No

### Contact Information

**Contact's Name:** Ekin Atilla-Gokcumen

**Contact's Pronouns:**

**Contact's Title:** Professor

**Contact's Email:** ekinatil@buffalo.edu

**Contact's Phone:** 716-645-6800

### Posting Dates

**Posted:** 08/29/2025

**Deadline for Applicants:** Open Until Filled

**Date to be filled:**

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11/03/2025

**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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