

Postdoctoral Research Associate in Pharmacology and  
Drug Delivery  
University of Illinois Urbana-Champaign

Direct Link: <https://www.AcademicKeys.com/r?job=256032>

Downloaded On: Aug. 5, 2025 8:45am

Posted Apr. 19, 2025, set to expire Aug. 19, 2025

<b>Job Title</b>	Postdoctoral Research Associate in Pharmacology and Drug Delivery
<b>Department</b>	Department of Bioengineering and Carl R. Woese Institute for Genomic Biology <a href="https://www.igb.illinois.edu/">https://www.igb.illinois.edu/</a>
<b>Institution</b>	University of Illinois Urbana-Champaign Urbana, Illinois
<b>Date Posted</b>	Apr. 19, 2025
<b>Application Deadline</b>	Until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Bioengineering (all Bio-related fields)
<b>Job Website</b>	<a href="https://www.smithlab.bioen.illinois.edu/">https://www.smithlab.bioen.illinois.edu/</a>
<b>Apply By Email</b>	<a href="mailto:smi@illinois.edu">smi@illinois.edu</a>

**Job Description**

Candidates are sought for a Postdoctoral Research Associate position in the lab of Prof. Andrew Smith within the Department of Bioengineering and the Carl R. Woese Institute for Genomic Biology (IGB) at the University of Illinois Urbana-Champaign. This position focuses on the preclinical testing of drug delivery systems using quantitative methods of pharmacology in rodent models. Particular emphasis is on drug delivery to immune cells in the context of inflammatory disorders modulated by diet and hormonal changes. Candidates are required to have peer-reviewed publications demonstrating first-hand experience in pharmacological studies in mouse models using quantitative pharmacokinetic and biodistribution analyses. It is preferred that candidates are experienced in creating and maintaining animal protocols, working on multidisciplinary and collaborative team projects, and managing multiple

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concurrent projects. Preferred experiences also include the handling of radioisotopes, molecular analyses (RT-qPCR, RNA sequencing, Western blotting), and diverse modalities of optical microscopy and radiologic imaging.

Candidates who demonstrate scientific curiosity, passion for research, and deep knowledge of the research literature will receive priority consideration. Eligible candidates must have obtained a Ph.D. degree in life sciences, pharmacology, bioengineering, or a closely related discipline within 10 years of the start date of the position. Additional details are available on our website:

<http://smithlab.bioen.illinois.edu/>.

The Postdoctoral Research Associate is a full-time, benefits-eligible position. The initial appointment is for 6 months with the possibility of extension based on performance and funding. The anticipated start date is as soon as possible after the closing date. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. The budgeted salary range for this position is \$46,000 – \$56,000. Salary is competitive and commensurate with experience and qualifications, while also considering internal equity. This position will be expected to work at the University of Illinois Urbana-Champaign campus on a full-time basis per the [University's Workplace Flexibility policy](#). Sponsorship for work authorization is available for this position.

To apply for this position, submit a cover letter including a description of research expertise, a complete C.V. with your contact information, and the names and contact information for three professional references to Prof. Smith ([smi@illinois.edu](mailto:smi@illinois.edu)). Please include 'Smith Lab Opening' in the subject line of the email. Full consideration will be given to complete applications received before April 30, 2025. Applications will be accepted until the position is filled.

The University of Illinois offers a very competitive benefits portfolio, depending on the position. Click for a complete list of [Employee Benefits](#).

**EEO/AA Policy**

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### Contact Information

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

**Contact**      Andrew M. Smith  
Carl R. Woese Institute for Genomic Biology  
University of Illinois Urbana-Champaign  
Everitt Laboratory, Room 2136  
1406 West Green Street  
Urbana, IL 61801

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