

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

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<b>Job Title</b>	Postdoctoral Associate, Pharmaceutical Sciences
<b>Department</b>	Pharmaceutical Sciences
<b>Institution</b>	University at Buffalo, The State University of New York Buffalo, New York
<b>Date Posted</b>	Aug. 4, 2021
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Pharmaceutical Sciences
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**Job Description**

The University at Buffalo (UB) Department of Pharmaceutical Sciences has an exciting opportunity available to join the research group of Dr. Youngjae You utilizing medicinal and pharmaceutical chemistry, photochemistry, cancer biology, and quantitative systems pharmacology (QSP) approaches to study drug development and delivery for cancer and other diseases. The ultimate goals of the projects are to develop drugs and drug delivery forms to improve therapeutic efficacy or reduce side effects, based on the understanding of drug's quantitative molecular and systems pharmacological characteristics.

Position Responsibilities include some of below duties:

- \* Design, synthesis, and characterization of small molecules and its conjugated forms with polymers and macromolecules
- \* Evaluation of such small molecules and delivery forms using cell-based tests
- \* Determination of pharmacokinetic and pharmacodynamic parameters using animal models (e.g.,

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breast, ovarian and bladder cancer models)  
\* Model design and simulation of PK/PD data

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### **Contact Information**

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

### **Contact**