Synthetic Organic/Medicinal Chemist

The laboratory of Professor Philip Low at The Institute for Drug Discovery, Purdue University has an immediate opening for a talented and motivated chemist to carry out synthetic organic chemistry as a postdoctoral fellow.

The postdoctoral fellow will carry out research on projects centered around the design and development of novel ligand-drug conjugates. The candidate will design new synthetic strategies to prepare small molecules and will test the efficacy of these drug conjugates in cells in culture and small animals. The ideal candidate will be able to manage multiple projects, balance both chemistry and biological testing tasks.

This position offers opportunities for intellectual growth for the candidate who makes independent and creative contributions in their work and wants to gain experience in a fast-paced industry-like environment.

Required Qualifications

- A PhD in synthetic organic or medicinal chemistry.
- Strong technical abilities in the synthesis of small molecules using conventional and modern organic synthesis.
- Strong interpersonal and communication skills and a desire to engage in team-based research and collaboration

Preferred Qualifications

- Experience in total synthesis of natural products
- Experience in running biological assays or at least a strong motivation to learn these assays
- Experience in molecular modeling and protein-small molecule docking studies

Eligible candidates should send their CV and research summary to plow@purdue.edu.

*Hiring is contingent upon eligibility to work in the United States. Purdue University is an ADVANCE Institution. Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse work force. A background check will be required for employment in this position.