Postdoctoral Researcher

Laboratory of Elizabeth (Betsy) Parkinson

July 21, 2021
Purdue University Department of Chemistry Department of Medicinal Chemistry and Molecular Pharmacology
United States, West Lafayette, Indiana

An NIH-funded postdoctoral research position is available in the laboratory of Dr. Elizabeth (Betsy) Parkinson in the Department of Chemistry and Medicinal Chemistry and Molecular Pharmacology at Purdue University.

We are particularly interested in individuals with experience in organic chemistry, with preference given to those with experience in natural product synthesis, biocatalysis, and/or solid phase peptide synthesis. Successful applicants must be highly motivated, innovative problem solvers, and work well in an interdisciplinary research team. The Parkinson lab is interested in the identification of novel bioactive natural products from cryptic biosynthetic gene clusters in soil-dwelling bacteria, chemical syntheses of these natural products, and biological evaluation of their activities. For more information, see our website.

To apply, please send (i) 1-page cover letter explaining career goals and specific scientific interests, (ii) Updated CV including a full list of submitted/accepted peer-reviewed publications. (iii) PDFs of your most relevant published papers. Please do not include review articles. Applications have a priority deadline of September 15, 2021 with an expected start date in January 2022. Application materials should be emailed to Betsy Parkinson at eparkins@purdue.edu. Letters of recommendation need not be sent in this initial phase.

Areas of Research

Natural Products, Biocatalysis, Cyclic peptides, Biosynthesis, Bioactivity, Bioinformatics