Postdoctoral Research Associate – University of North Texas

Hiring organization
University of North Texas

Employment Type
Full-time

Job Location
Denton, TX

Date posted
April 8, 2021

Description

The Skellam lab is seeking a Postdoctoral Research Associate in the field of natural product biosynthesis to elucidate and engineer fungal biosynthetic pathways for biotechnological applications. Techniques we use include gene inactivation, gene cloning and expression, small molecule purification and structural elucidation, and organic synthesis. UNT World includes the University of North Texas in Denton, the University of North Texas at Dallas and the University of North Texas Health Science Center in Fort Worth. We are the only university system based exclusively in the robust Dallas-Fort Worth region and we are committed to transforming lives and creating economic opportunity through education. We are growing with the DFW region, enrolling a record 47,000+ students across our system and awarding nearly 12,000 degrees each year.

Responsibilities

The successful candidate will be responsible for the day-to-day management of the project, manuscript and proposal writing, and presenting original research internally and externally at meetings and conferences. The postdoc is expected to work closely with graduate and undergraduate students.

Qualifications

The candidate should have completed their PhD and have experience and interest in natural product chemistry, biosynthesis, and synthetic biology or enzymology.• Experience with structural elucidation of complex natural productsPreferred qualifications:• Experience in genetically manipulating fungi• Experience with genome mining / bioinformatics analyses• Experience with small molecule synthesis• Good interpersonal skills and a team-working attitude• Interest in training and mentoring students.

Contacts

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