

Job Title: Interim Screening Facility Professional/Specialist (PRW2/PRW3), High Throughput Screening Facility, Office of Vice President for Research, University of Iowa

Location: Iowa City, Iowa

Description

The Screening Specialist will be responsible for maintenance of the infrastructure of the High Throughput Screening Facility. S/he will be in accountable for the day to day operations of Facility, including running HTS assays, lab management and basic training of facility users. S/he will work in conjunction with the UIHTS Director to ensure that the facility runs smoothly, and deliverables are met in a timely manner.

This is a renewable term position at 50% effort. It can be renewed annually if funding is available. Background screens will be performed and education will be verified prior to employment. Please be prepared to provide required information and/or documentation.

Key Functions and Expected Performances:

- Maintenance and calibration of a suite of state-of-the-art, automated HTS instruments: plate readers, liquid handlers, robotic systems
- Running and optimization of the HTS assays, both biochemical and cell-based assays.
- Training and assistance of other laboratory personnel in the use of laboratory instruments and automation
- Working with the UIHTS Director to develop and improve standard operation procedures for UIHTS facility.

Basic Qualifications

- Bachelor's or Master's Degree in Biology, Biochemistry or a related discipline or an equivalent combination of education and related experience
- At least 3 years of experience in assay development and running biochemical assays in a screening environment
- Must be detail-oriented
- Excellent written and verbal communication skills
- Possess a good understanding of enzymatic assays, scientific experiment design, and data analysis.

Desired Qualifications:

- PhD in Biology, Biochemistry or a related discipline
- Extensive knowledge of biochemistry, microbiology, and mammalian cell biology as well as practical knowledge of bacterial, animal cells and the techniques used to maintain them in culture
- Hands-on experience with diverse high throughput screening assays and techniques
- Training in confocal microscopy methodologies
- Active experience with Procurement ordering system