



Senior Research Specialist

Hiring Department: Pharmacology and Regenerative Medicine

Location: Chicago, IL USA

Requisition ID: 1014089

Posting Close Date: 10/19/2022

About the University of Illinois Chicago

UIC is among the nation's preeminent urban public research universities, a Carnegie RU/VH research institution, and the largest university in Chicago. UIC serves over 34,000 students, comprising one of the most diverse student bodies in the nation and is designated as a Minority Serving Institution (MSI), an Asian American and Native American Pacific Islander Serving Institution (AANAPSI) and a Hispanic Serving Institution (HSI). Through its 16 colleges, UIC produces nationally and internationally recognized multidisciplinary academic programs in concert with civic, corporate and community partners worldwide, including a full complement of health sciences colleges. By emphasizing cutting-edge and transformational research along with a commitment to the success of all students, UIC embodies the dynamic, vibrant and engaged urban university. Recent "Best Colleges" rankings published by U.S. News & World Report, found UIC climbed up in its rankings among top public schools in the nation and among all national universities. UIC has nearly 260,000 alumni, and is one of the largest employers in the city of Chicago.

Duties and Responsibilities

Specific duties include:

- Design and execute experimental procedures; assist other members in the lab in experimental design and analysis
- Lab management and equipment set up
- Review and contribute to grant applications and manuscripts
- Co-supervise/mentor graduate and undergraduate students in their research projects
- Provide training for new laboratory members
- Expertise in cell culture, qPCR, qRT PCR, Western blotting, cloning, lentiviral infection, polysome profiling and ribosome footprinting. Knowledge of other biochemical techniques such as ELISA and LCMS/MS is an advantage.
- Extensive knowledge of the biochemistry of mRNA translation and signaling control of mRNA translation
- Experience with ESC and iPSC studies
- Excellent knowledge of software such as Office, Photoshop, Illustrator, Prism, and Ingenuity Pathway Analysis. Knowledge of biostatistics and software such as SPSS and SAS is an advantage. Experience of working with high throughput data is desirable.

Minimum qualifications:

Bachelor's degree in science or related field required. Master's degree in science preferred. A minimum of 5 years related research experience. Possesses and applies comprehensive knowledge of research principles, concepts, practices and methods. Proficient in specific lab research techniques.