

We are currently seeking a visiting research specialist to manage the lab operation for the Ong lab (opening June 2018) in the Department of Pharmacology at the College of Medicine, University of Illinois at Chicago to lead the day-to-day activities and ensure smooth functioning of the lab. Using rodent models and iPSC technology, the Ong lab

(https://scholar.google.com/citations?user=t_C3w8AAAAAJ&hl=en) seeks to understand the molecular and biological mechanisms underlying various cardiovascular diseases through cellular, genetic, and biochemical approaches. Responsibilities: The successful candidate will play a critical role in providing organizational and logistical support to both the PI and lab members. Key responsibilities include:

- Reporting to the PI and assist in administrative duties.
- Ensuring compliance (e.g. writing animal and IRB protocols)
- Establishing and maintaining electronic systems to inventory, organize, and track laboratory resources, reagents, and samples
- Interacting with vendors to obtain quotes and negotiate pricing
- Handling of human tissues and fluids e.g. blood
- Deriving and maintaining induced pluripotent stem cells and differentiating them into specific cell-types including cardiomyocytes and endothelial cells.
- Work closely with the PI to optimize and develop protocols for high-throughput drug screening.
- Maintaining mouse and rat colonies and perform genotyping as needed.
- Operate the core facilities equipment including the two-photon microscopy, flow cytometry, NMR, SEM and TEM, etc. and provide training to postdoctoral fellows and graduate students.
- Maintain records of experimental design and results.
- Aid in the preparation and implementation of laboratory protocols (i.e. safety, training, waste management, animal).

The successful candidate should be highly independent and proactive in the implementation of procedural improvements to ensure that the lab runs safely and efficiently. Hence, a highly energetic person with a great deal of independence and motivation, with passion for experimentation and great communication skills is desired.

Qualifications:

- Bachelor's degree in science or related field required. Master's degree in science preferred.
- A minimum of 3 years related research experience is required with prior supervisory experience highly desirable
- Broad familiarity and hands-on experience with general lab techniques
- Excellent communication skills and the ability to interact professionally with students and all levels of staff as well as with external collaborators.

To apply, please send a CV including the names of three potential references to <https://jobs.uic.edu/job-board/job-details?jobID=96852>. The University of Illinois conducts background checks on all job candidates upon acceptance of contingent offer of employment. Background checks will be performed in compliance with the Fair Credit Reporting Act. The University of Illinois at Chicago is an Affirmative Action/Equal Opportunity Employer.