

VISITING RESEARCH ASSISTANT PROFESSOR

Institute for Genomic Biology
University of Illinois at Urbana-Champaign

Duties and Responsibilities: The applicant will be expected to conduct collaborative research in cardiovascular regenerative medicine. This research will require interacting with clinicians to identify specific problems and limitations in the clinical setting, development of animal models for cardiovascular regeneration, and production of ancillary reagents and protocols for conducting the research.

These duties include:

- Interact with laboratory researchers and clinicians to address critical issues associated with the applications of stem cell biology to treat cardiovascular diseases
- Use porcine cardiovascular models to test stem cell therapies
- Stimulation and collection of adult stem cells
- Other duties include oversight of the Carle/IGB Stem Cell Facility maintenance and billing

Minimum Qualifications:

- Ph.D or equivalent required with 3 years of experience
- Knowledge of operation of a COBE **Spectra device** is required.
- Experience in production, purification, and characterization of growth factors
- Experience with Hematopoietic colony assays and mesenchymal CFU-F assays
- Experience with Magnetic Activated Cell Separation (MACS) and flow cytometric techniques

Preferred Qualifications:

- Experience with the isolation of adult stem cells, interventional cardiology or animal models is highly desired.
- Applicants should also have demonstrated their ability to publish and create a competitively funded program.

Salary will be commensurate with experience and qualifications. This position is visiting, 100% time appointment. The proposed starting date is negotiable after the close date.

Please create your candidate profile at <http://jobs.illinois.edu> and upload your letter of interest (including email address), resume and contact information for three professional letters of reference by November 10, 2009. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. All requested information must be submitted for your application to be considered. For further information regarding the application procedures, you may contact Kim Johnson, kljohns@igb.uiuc.edu.

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