

VISITING RESEARCH SPECIALIST
Institute for Genomic Biology
University of Illinois at Urbana Champaign

JOB DESCRIPTION

The Visiting Research Specialist will be responsible for assisting other researchers in the isolation of stem cells from bone marrow, and the isolation and culture of adult stem cells. Molecular analysis of these cells will also be performed.

SPECIFIC DUTIES AND RESPONSIBILITIES

- Daily maintenance of the cell cultures
- Assisting in testing the use of stem cell as treatments for myocardial infarction
- Production and purification of mammalian proteins produced in a bacterial expression system
- Production and testing of antigen specific antibodies
- Collection of stem cells using the Kobe Spectra apheresis machine

MINIMUM QUALIFICATIONS

Bachelor's degree in Chemistry, Molecular and Cellular biology or a Related Field

PREFERRED QUALIFICATIONS

One year experience with lab techniques including:

- Mammalian cell culture, specifically stem cell culture and differentiation
- DNA isolation, PCR, gel electrophoresis and cloning
- Protein isolation, Western Blot and ELISA techniques
- Surgical procedures including surgical prep, anesthesia monitoring and apheresis techniques
- Responsible, self-motivated and able to work independently

Salary will be commensurate with experience and qualifications. This position is a 12-month, 100% time visiting position. 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 December 7, 2009. All requested information must be submitted for your application to be considered. For further information regarding application procedures, you may contact Kim Johnson, kljohns@igb.uiuc.edu.

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