Employment Opportunity

Rosalind Franklin University of Medicine and Science, national leader in interprofessional medical and healthcare education, is a graduate-level health sciences university situated on an attractive 85-acre campus in North Chicago, Illinois, approximately 40 miles north of the city of Chicago. Rosalind Franklin University is comprised of five Schools: the Chicago Medical School, College of Health Professions, Dr. William M. Scholl College of Podiatric Medicine, the College of Pharmacy and the School of Graduate and Postdoctoral Studies. Rosalind Franklin University enrolls approximately 2,000 students per academic year, and is supported by 850 full and part-time faculty and 338 staff members. Founded in 1912, Rosalind Franklin University has educated more than 16,000 medical and advanced health sciences degree graduates in the United States and worldwide.

Position Number 675
Position Title Postdoctoral Research Associate
Department Microbiology and Immunology
Classification Exempt, Full-time
Posted May 24, 2011

Position Purpose
As part of a group of scholars studying the regulation of JAK-STAT pathways, conduct independent research projects which contribute to the group’s studies.

Essential Duties and Responsibilities
Unsupervised planning, execution, data collection, analyses and preparation of manuscripts is expected. Conduct the following specific research projects independently:

- Study STAT-dependent SOCS gene expression in normal and tumor cells.
- Study tumor suppressor activity of SOCS genes in different tumor models.
- Establish animal models for leukemogenesis and tumorigenesis studies.
- Study nuclear-mitochondrial crosstalk in normal and cancer cell metabolism.
- Supervise research assistants and students in setting up and conducting experiments.
- Perform other related job duties as assigned or delegated.

Minimum Qualifications
- Ph.D. degree in life science before job starts.
- Solid training in cell and molecule biology, biochemistry, cancer biology, immunology, cell metabolism or related field.
- Laboratory bench experience in the following areas: molecular biological techniques such as DNA and RNA preparations, DNA and cDNA cloning, DNA-polymerase chain reactions, reverse transcriptase polymerase chain reaction, realtime PCR, eukaryotic gene expression, transfection procedures, signal pathways, transcription factor analyses, protein purification, immunohistochemistry, flow cytometry, tissue culture, metabolic analysis, fluorescence/confocal microscopy.
- Experience in handling mice/rats is a plus.
- Excellent organizational and planning skills.
- Knowledge about computer applications such as Word, Excel and Power Point.
- Excellent English reading, writing and verbal communication skills.
- Ability to collect and analyze data.
• Ability to work independently and as a team.
• Demonstrated project management skills, including ability to set priorities and excellent time management skills.
• Ability to work productively with diverse populations; show respect and sensitivity for cultural differences.
• Selected candidate must possess the mental and physical capability to perform the essential functions of the position with or without reasonable accommodations. Work environment is standard cell and molecular biology studies in a laboratory setting. Work is of light physical demand with duties performed while sitting, standing or occasionally stooping with some movement and lifting of boxes with consumables.

Application Procedures
To apply for this position, email your cover letter, resume or curriculum vitae that includes contact information of three professional references to the Human Resources Department at employment@rosalindfranklin.edu. The position number and title must be indicated in the “subject” line. All inquiries regarding employment are to be submitted to employment@rosalindfranklin.edu.

Please visit us at www.rosalindfranklin.edu
Rosalind Franklin University of Medicine and Science is an Equal Opportunity/Affirmative Action Employer. The administration, faculty and staff embrace diversity and are committed to attracting qualified candidates from historically underrepresented groups.