

## **Postdoctoral Fellow - Job Opening 242538**

### **How to Apply**

Please go to <https://www.augusta.edu/hr/jobs/university/> to search for job opening 242538 and submit an application to be considered for this position.

### **Required Qualifications**

Ph.D., M.D., or M.D./Ph.D. or equivalent from an accredited college or university.

### **Responsibilities**

A training position designed to learn through engagement in an advanced level of scientific technical and administrative work in support of research efforts in an assigned laboratory or research setting. Participate in research data collection and documentation within relevant guidelines and protocols; develop and evaluate new research techniques and procedures; publish results in scientific journals. Perform a variety of complex chemical, biological, cytologic, microscopic, histologic, surgical, statistical/computational and dissection procedures to carry out advanced independent research to study the role of HDACs/cytoskeletal interface in acute lung injury.

### **Responsibilities include, but are not limited to:**

- Experiments may include but not be limited to performing animal surgery, animal lung function and permeability measurements, cell culture, cell permeability, plasmid transfection in vitro and in mice, genotyping, western blot, real-time PCR, immunohistochemistry and various microscopy and imaging techniques
- Participate in project planning and development of research protocols while ensuring adherence to accepted scientific research principles and compliance with relevant federal guidelines.
- Coordinate and participate in research of scientific literature; summarize and evaluate findings; develop derivative applications of applications of techniques developed by own research activities or reported by other research projects. Present findings at scientific meetings locally, nationally, and internationally.
- Compose articles for publication in scientific journals; Review articles prepared by others.
- Supervise and coordinate activities of students, graduate assistants and other research personnel engaged in research activities and/or related laboratory work. Advise principal investigators, other Postdoctoral Fellows, students, and other research personnel on research techniques, procedures, and other technological aspects of research activities.
- Calibrate, troubleshoot, repair, and operate microscopes, computer-linked analytical equipment, dedicated computers, and other complex scientific equipment; instruct others in operation of equipment.
- Perform all other related duties as assigned.

### **Shift/Salary**

Shift: Days; Monday - Friday (Work outside of normal business hours may be required)

Salary to be commensurate with qualifications of selected candidate within the established range (generally minimum-midpoint) of the position.

Recruitment Period: Until Filled

### **Equal Employment Opportunity**

Augusta University is proud to be an equal opportunity employer, welcoming applicants from underrepresented groups, including individuals with disabilities and veterans.