Job Title: LAB RESEARCH ANALYST I  
Job Code: 1888

Occupational Summary

We are looking for a highly motivated individual to work as a lab manager in the laboratory of Dr. Cagla Eroglu (https://sites.duke.edu/eroglulab/) in the Department of Cell Biology at Duke University Medical Center. This position will involve performing a variety of managerial, technical and research duties to support the ongoing studies in the Eroglu lab. The Eroglu lab is a dynamic research group which studies the cellular and molecular mechanisms that underlie synaptic connectivity in the central nervous system using a large variety of molecular, cellular and physiological techniques.

If interested please email: CAGLA.EROGLU@DUKE.EDU

Work Performed

The successful candidate will have the demonstrated ability to perform the following tasks in a research laboratory:

1. Assist the principle investigator in the management of lab resources by generating and up keeping laboratory databases (such as transgenic mice, DNA constructs, and cell lines, etc.), inventories, standard operating procedures and standard protocols.

2. Support the laboratory operations by overseeing the maintenance of laboratory equipment, proper application of safety procedures and procurement of laboratory supplies.

3. Conduct a variety of investigations in the planning, development and implementation of experimental procedures and specialized laboratory techniques in the analysis of materials under experimentation.

4. Collect information and data through observation, experimentation and various other methods, to include operating highly technical laboratory instruments and equipment.

5. Prepare tissue and specimens for complex procedures, and devise experimental techniques for tests and analyses. Evaluate and interpret collected data and prepare reports and analyses setting forth progress, adverse trends and appropriate recommendations or conclusions.

6. Document procedures, data and results in an organized and complete fashion and communicate findings to the PI and other personnel in an accurate and timely manner.
7. Review journals, abstracts and scientific literature to keep abreast of new developments and to obtain information regarding previous experiments to aid in the design and development of original procedures and techniques.

8. Supervise, train and instruct other laboratory personnel in laboratory techniques and procedures. Perform other related duties incidental to the work described herein.

The above statements describe the general nature and level of work being performed by individuals assigned to this classification. This is not intended to be an exhaustive list of all responsibilities and duties required of personnel so classified.

**Required Qualifications at this Level**

**Education/Training:** Work requires a bachelor’s degree in botany, biology, zoology or other directly related scientific field.

- A higher degree such as MSc or PhD and/or considerable research experience in a laboratory setting will be preferred.
- Experience in animal handling and mouse colony maintenance is preferred.
- Experience in basic molecular and cellular biology is preferred.
- The candidate should have outstanding organizational and communication skills, and excellent written and spoken English.
- Strong attention to detail and ability to carry out assignments in consistent and accurate manner is an absolute requirement.

**Experience:** Work requires two years of research experience. A related master’s degree may offset required years of experience on a 1:1 basis, e.g., a two-year master’s degree in lieu of two years of experience.

OR AN EQUIVALENT COMBINATION OF RELEVANT EDUCATION AND/OR EXPERIENCE