The Kirienko lab focuses on using the model organism *Caenorhabditis elegans* to study the evolutionarily conserved mechanisms (immune and otherwise) to defend against abiotic (i.e., environmental) and biological (i.e., pathogenic, cancer) stresses. *C. elegans* is a small, soil-dwelling, bacteria-eating worm that is an attractive model for biomedical research.

Research in the Kirienko lab currently focuses on infectious disease and cancer topics. These topics include:

- Host responses to stress
- Host-pathogen responses
- Identification of novel treatments for bacterial infections
- Host cellular defenses against cancer
- Novel therapies with potential cancer applications

GENERAL SUMMARY:

A laboratory research technician is a full-time position that serves to assist Principal Investigators, Postdoctoral Fellows, and Graduate Students in a research laboratory.

Primary responsibilities for this position include:

- Performing experiments for research projects independently or under supervision of the project head and/or the PI of the laboratory;
- Collection of and accurate recording of procedures and results;
- Collaborates with supervisor in writing and editing material for publication and may appear as principal or secondary author on publications;
- Maintenance and operation of equipment and databases used in the lab;
- Provide functional guidance and immediate supervision to lower level technical personnel;
- Ordering necessary reagents for the lab;
- Participation in joint upkeep of the lab.

This position requires a person who has Bachelor of Science degree in molecular/cell biology or a related field, pays attention to details, is capable of working independently after training, possesses good verbal and written communication skills, and works well as part of a team.

QUALIFICATIONS: Bachelor's degree in biological or physical sciences. Related experience a plus.

SKILLS/ ABILITIES/ COMPETENCIES REQUIRED:

- Must be self-motivated and able to work independently;
- Excellent verbal and written communication skills;
- Proficiency in Word, Power point, Excel, and Internet searches.

INTERESTED?

Send a cover letter and a CV or resume to kirienko@rice.edu