Research Technician II/Fish Facility Duke University School of Medicine


What our lab does: We are studying how the immune system responds to bacterial infection and are particularly interested in the relationship between the immune system and bacteria that cause tuberculosis. We use the zebrafish as an animal model to study the immune system because of its unique combination of characteristics (easy to manipulate genetics, transparent throughout development, and high conservation with human immune system).

Position summary: We are looking to hire a highly motivated individual to assist with maintaining our fish facility and our fish lines as well as provide lab support including taking inventory and ordering supplies. Occasionally, short weekend shifts may be required. Duties include, but are not limited to the following: Feeding the zebrafish. Daily, weekly and monthly system maintenance duties (cleaning, calibrating equipment, monitoring water quality and system functionality). Working with and training undergraduate facility assistants as needed. Making general lab stock solutions and bacterial plates as required. Performing experiments as needed to support the lab’s research. Preparing shipments of lab reagents and transgenic lines to send to collaborators. Other duties as needed/assigned

Successful candidate must be someone who is hard working, responsible, detail oriented, observant, thoughtful, works well with others, and interested in problem solving. Must be interested in working with animals (simple procedures) and BSL-2-level pathogens.

Requirements: Bachelor’s degree in a related field, and at least 2 semesters of relevant lab experience.

Minimum Qualifications

Education

Work generally requires a bachelor's degree in botany, biology, zoology, psychology or other directly related scientific field.

Experience

None required above education/training requirement. OR AN EQUIVALENT COMBINATION OF RELEVANT EDUCATION AND OR EXPERIENCE

Duke is an Affirmative Action/Equal Opportunity Employer committed to providing employment opportunity without regard to an individual’s age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status.

Duke aspires to create a community built on collaboration, innovation, creativity, and belonging. Our collective success depends on the robust exchange of ideas—an exchange that is best when the rich diversity of our perspectives, backgrounds, and experiences flourishes. To achieve this exchange, it is essential that all members of the community feel secure and welcome, that the contributions of all individuals are respected, and that all voices are heard. All members of our community have a responsibility to uphold these values.

Essential Physical Job Functions: Certain jobs at Duke University and Duke University Health System may include essential job functions that require specific physical and/or mental abilities. Additional information and provision for requests for reasonable accommodation will be provided by each hiring department.

Nearest Major Market: Durham
Nearest Secondary Market: Raleigh