

Research Technician, Jill Roberts Institute for Research in IBD, Weill Cornell Medicine

The Longman laboratory is seeking a highly motivated, detail-oriented and responsible team player to serve as a Research Technician. The primary focus of our lab is the regulation of the intestinal immune system by the microbiota and how we can understand these connections to improve intestinal disease.

The Technician will work closely with post-doctoral fellows and graduate students in an exciting academic environment studying mucosal immunology and microbiome science using both mouse models and human samples.

The Technician will help to maintain the mouse colony, work closely with fellows and students to perform experiments, partner with the Live Cell Bank to process human intestinal samples, and support general lab maintenance.

Principal Responsibilities Include: Working with graduate students and post-doc to perform immune cells analysis in various models including flow cytometry and microscopy. Molecular biology including DNA and RNA isolation for sequence analysis. Basic microbiology and sterile cell culture. Performing basic mouse husbandry, such as setting up mating cages, pup checks, weaning mouse pups, ear tagging, isolating genomic DNA and running PCR for genotyping, maintaining accurate records of animal breeding, health, weaning etc. using electronic mouse colony management software. General lab duties will include ordering, stocking and general lab organization and maintenance. Position will also require understanding of experimental techniques to support projects in the lab.

Salary Range: \$22.11 to \$28.79

Preferred Qualifications:

- Minimum of 1 year of prior experience in animal handling and maintenance in a research lab.
- B.S. in Biology or other related STEM field (or equivalent experience).
- Understanding of mouse genetics, housing, husbandry and maintenance of genetically modified mouse lines.
- Experience with molecular biology such as PCR.
- Willing to learn new techniques with general instruction.
- Able to take initiative, prioritize tasks, use good judgment, and monitor completion of assigned duties.
- Ability to keep accurate records of work performed is essential.
- Good analytical, organizational, communication and computer skills.
- Able to work independently and as a team member.
- Able to communicate effectively and professionally

Contact: Randy Longman, ral2006@med.cornell.edu