

Position Title: Research Technician
Organization: Columbia University
Department: Institute for Cancer Genetics
Hours per week: 35
Desired Start Date: June 15, 2024

Join our dynamic team at Columbia University's Institute for Cancer Genetics, focusing on pancreatic cancer research. Our lab explores the role of redox metabolism using advanced mouse models and patient-derived cultures. Visit www.chiolab.com for more info.

We're hiring a Research Technician with a strong molecular biology background. Experience in animal studies, molecular cloning, CRISPR/Cas9, and cellular assays is preferred. Strong communication and teamwork skills are essential, offering involvement in research projects and potential authorship opportunities.

Responsibilities:

- Conduct molecular, cell biology, and genetic studies using in vitro and in vivo cancer models.
- Manage and maintain mouse colony, including handling and care of research animals.
- Assist with animal surgeries, dissections, and immunohistochemistry.
- Operate and maintain laboratory equipment.
- Contribute to general lab organization and inventory management.
- Generate and present progress reports, including data organization and interpretation.

Required Qualifications:

- Bachelor's degree in Biology or related scientific field.
- 0 – 6 months of laboratory experience.
- Knowledge of molecular, cell biology, and genetics.

Preferred Qualifications:

- Prior experience with mice in a research setting.
- Ability to learn and apply complex techniques with minimal supervision.
- Proficiency in generating presentations and critically reviewing data.
- Experience conducting literature reviews and assisting with protocol development.

Application Instructions

Please send a cover letter and your resume to ic2445@cumc.columbia.edu