

The Kelley Yan Lab at Columbia University Irving Medical Center has an open position for a laboratory technician to start this spring/summer. Our lab studies adult stem cell biology and regenerative medicine using interdisciplinary approaches, including biochemistry, organoids, and genetically engineered mouse models. We are a highly collaborative and interactive research group with a mix of graduate students, postdocs, physician-scientists, and currently one technician.

We are looking for an energetic and motivated senior or recent graduate for a laboratory technician position. A person who will thrive in this environment is a highly organized, self-motivated, and quick learner with great communication skills. We are looking for someone who proactively identifies problems and can formulate creative, efficient, and effective solutions.

A commitment of at least two years is required. This is an ideal position for someone interested in MD, PhD, or MD/PhD combined degree programs in the future. We will gladly provide training and career mentorship for a technician interested in applying for graduate programs in the future.

www.yanlabcolumbia.com

Position Summary

The Technician will work closely with the PI and research team. The Technician will perform multiple assignments under direct supervision of the team.

Responsibilities

Assisting with the designing and implementing of experiments critical to the lab, which may include molecular cloning, animal work, Western blotting, and immunohistochemistry analysis.

- Perform laboratory experiments and collect data.
- Contribute to research implementation.
- Assist with ordering laboratory supplies.
- Maintaining a lab notebook or records related to task
- Assisting in the collection of lab chemical wastes.
- Managing and maintaining mouse colonies, cutting mouse tails and Excel Data entry.
- Preparing solutions, isolating DNA, performing PCR, preparing and running agarose gels, detecting DNA and recording the results.
- Prepare solutions and reagents for daily lab use.
- Calibration/upkeep of laboratory equipment.
- Interact with personnel from other related research projects.
- Perform additional duties as assigned.

Minimum Qualifications

- Completed or pending Bachelor's degree in Biology, Molecular Biology, Biochemistry, Chemistry or related field or equivalent combination of education, training and experience at the start of the position
- Excellent organization skills