



Lab Technician

The Opportunity

Envoy Therapeutics, Inc. is a newly formed, venture backed biopharmaceutical company focused on discovering new medicines for people suffering from neurological and psychiatric diseases. With world-class scientific founders and exclusive rights to a powerful technology, we are now building an exceptional team of scientists and business people. Envoy's "bacTRAP" technology enables our scientists to precisely identify and measure the *in vivo* expression of genes in specific, medically relevant cell types without requiring the isolation of cells.

About Envoy

Our technology combines innovative genetic engineering with new molecular biology techniques for labeling and extracting the protein-making components of specific types of cells. This technology is enabling our scientists to make breakthrough discoveries by identifying and measuring proteins that are specifically produced by cells that are important to a particular disease without requiring the isolation of those cells. Capability like this has never before existed.

Position Description

As a member of Envoy's start-up team, you will have a key role in helping to support our mouse lab. As part of the Company's scientific team, you will work on target validation efforts including mouse colony management, collecting samples, and animal lab maintenance.

Key Responsibilities

- Working with the head of our target identification team, you will help oversee the activities of the animal care unit. Perform the daily care of research animals for experimental purposes. Animal maintenance responsibilities include breeding, weaning, sexing pups, tagging, tail DNA preps, genotyping/PCR, agarose gel electrophoresis, and recordkeeping.
- Provide molecular biology support which may include working with bacteria (plates, cultures, etc.), performing maxipreps, minipreps, and restriction digests, and plasmid and bacterial stock organization.
- Perform tissue culture duties including maintaining cell cultures, media preps, cell passaging, and sterile technique.
- Perform other general lab duties such as glass washing, autoclaving, and making plates, media and solutions.
- Make detailed observations, analyze data and interpret results. May write experimental reports, summaries and protocols.
- Follow standard operating procedures and maintain records to comply with regulatory requirements.
- Maintain quality checks on cleanliness of laboratories and animal rooms. Maintain laboratory equipment and inventory levels for laboratory supplies. Performs limited troubleshooting and calibration of instruments.
- May coordinate with vendors on operational, administrative and technical responsibilities.

Minimum Qualifications

Experience and Education

- B.S. in biochemistry, biology, or related discipline, or equivalent experience.
- A minimum of 2 years of experience in laboratory or biotechnology organization.
- Preference given to candidates with tissue culture and mouse colony experience.
- Histology experience helpful (experience with animal perfusions, tissue dissections, cryosectioning, immunostaining, and microscopy).
- Experience with pronuclear injections and transplantation and removal of oocytes helpful.
- We are looking for candidates with an active interest in learning new scientific skills using the bacTRAP technology, including tissue dissections, TRAP protocols, RNA isolation, quantitation, amplification and quality control.

Personal Qualities and Skills

- A motivated, and seasoned animal technician with a pro-active, high-energy level and a love of a start-up environment
- Demonstrated experience implementing and maintaining effective systems in a mouse facility
- Hands-on approach, and the ability to work as part of a lean, flexible team of exceptional scientific professionals in a fast-paced environment
- Detail-oriented and able to manage a great deal of complexity and multiple priorities at one time
- Collaborative with the ability to interface effectively with all levels of internal and external staff
- A thirst for knowledge, by maintaining broad knowledge of state-of-the-art science principles/theories
- Ability to use sound judgment, analyze issues, and think creatively
- Excellent oral and written communication skills, and the ability to communicate relevant information and issues throughout the organization

Join Us!

We are passionate about creating and exploiting our completely new and unique drug discovery engine – come join our team.

For more information, please email: HR@envoytherapeutics.com.