

**JOB DESCRIPTION**

**Title: Small animal research technician and wet lab assistant**

**Overview**

i2o Therapeutics is a biotech startup developing a drug delivery platform to convert injectable therapies into oral modalities. This position will conduct both animal and laboratory work to support a variety of projects within a small, multi-functional research team. The time split between animal and lab work will vary but is expected to start at 75% animal work.

**Job Summary***Animal work (Tufts vivarium, Boston)*

The technician will work in a laboratory animal research setting with rodents (rats, mice) and dogs. The technician will assist in and conduct, as appropriate, disease model development, non-survival surgeries and multi-day dosing studies. Primary responsibilities include fasting and weighing animals, administration of doses via surgical, intravenous, jejunally catheterized, or oral dosing, monitoring animals while under anesthesia, collecting blood, collecting tissue samples with appropriate perfusion or wash technique, performing euthanasia, and disposal of dead animals. The technician should have a basic understanding of blood glucose monitoring, and animal vital signs and behavior under anesthesia and while the animal is conscious. This position will work under minimal supervision and in compliance with federal, state and local regulations, industry standards governing animal research (NIH/OLAW/AAALAC) and company SOPs and guidelines.

*Laboratory work (Lab Central, Kendall Square)*

The Technician will assist in and conduct, as appropriate, synthesis and analysis of compounds, assays of biological samples, preparation of samples for shipping, and general upkeep of the lab and supplies. Primary responsibilities include ordering and receiving supplies, preparing ionic liquids and conducting standard assays (Karl Fisher titration, conductivity, viscosity). They may also be trained in performing ELISA assays and HPLC or LCMS sample preparation and runs. The technician will assist in new investigative projects as needed for platform development. The position will work under minimal supervision and in compliance with Life Lab regulations and company SOPs and guidance.

**Qualifications**

AA/AS/BA/BS in a science field with a least 1 year working in a laboratory animal research setting with rodents is required. Animal technician accreditation or commensurate experience may be considered in place of formal education requirements.

The ideal candidate is an independent worker and self-starter who is also dependable, accurate, mature and comfortable working with rodents. Vet tech experience is preferred, with surgical experience and anesthesia use a plus. Solid written and verbal skills and the ability to maintain laboratory records are crucial. Strong teamwork, interpersonal and observational skills are required. Basic computer skills (Microsoft Office) is required.

**Other Information**

The successful candidate must be able to:

- Lift/push/pull up to 25 pounds
- Work safely with chemicals, isoflurane anesthesia and standard laboratory equipment
- Wear protective clothing including masks and gloves
- Occasionally work on weekends or holidays

Interested candidates should submit a cover letter and resume to [careers@i2obio.com](mailto:careers@i2obio.com)