

Research Technician I

We are looking for energetic, self-starters who can contribute to the pharmacological evaluation of peptides in rodents. The candidate will work closely with scientists in assessing the efficacy parameters of peptide formulations delivered via inhalation route in rodents. Likewise, he/she will have an opportunity to employ molecular biology knowledge towards quantitative phenotyping of lymphocytes. Lastly, the candidate will be expected to run in vivo pharmacodynamic experiments with guidance from a senior scientist and will have the opportunity to be trained and conduct various in vivo assays (in small rodent models). The candidate is expected to record, analyze and present experimental data to other scientists at LBT labs. As a startup, we have a fast-paced work environment with the expectation of producing high quality results within the predefined timelines. Our assays incorporate a significant amount of automation, so the candidate will also be exposed to industry standard technology and QA/QC techniques.

Roles

Assist in maintaining laboratory animals in accordance with IACUC protocols

- Perform daily health assessments
 - Maintain health records
 - Coordinate treatment regimens

Assist in in-vivo pharmacodynamic (PD) activities:

- Administer peptide formulations via inhalation and other parenteral routes (IV, SC and IM)
- Collect blood and tissue samples from rodents for PD studies
- Perform terminal euthanization of rodents

Assist with molecular biology assays:

- Design and validate flow cytometry protocols for quantitative lymphocyte-cell profiling
- Label biological samples (blood or tissue samples) with antibodies and perform flow cytometry analysis
- Operate, perform and develop SOPs for regular maintenance of flow cytometry apparatus

Ideal Candidate Profile

- Bachelor degree in biology, pharmacology, bioengineering, or equivalent
- Previous laboratory experience (2+ years in a commercial setting)
 - At least 1 year of animal handling experience
 - Previous experience with blood cell isolations and flow cytometry analysis is required
 - Experience with analytical (micro) pipetting
 - Previous training in various routes of administrations (IV, SC, IM, OG and Inhalation) for small animals
 - Experience with basic scientific calculations (Amount, Molarity, Normality, Percent composition, etc) is required
- Ability to follow a defined workflow process while providing routine feedback
- Must exert close attention to details while following a routine schedule

Longevity Biotech is an equal opportunity employer. Salary is commensurate with experience.