Lab technician position

Application Due: Review will start immediately

Start date: Jan 2018

End date: Initial 1-yr contract with potential extension based on performance.

Primary Duties: Primary duty will be the maintenance and organization of animal colonies (mice) for upcoming experiments. These duties will include health monitoring, weekly weight measurements, genotyping (DNA extraction and PCR), setting up breeding pairs and distribution of animals to appropriate experimental groups. Once experiments start, assist in running experiments, tissue collections and their processing for histology and other assays (immunoblotting, ELISA, immunohistochemistry, qPCR). Position will also require order laboratory equipment/reagents as needed and keeping consistent records of all above functions.

Secondary Duties: As time allows, assist in performing general laboratory maintenance including but not limited to equipment upkeep/maintenance and making reagents in a quality control manner.

Qualifications

Minimum Education: Bachelor’s degree.

Minimum Experience: Safe laboratory practices. Experience in animal handling and operating laboratory equipment related to qPCR, DNA/RNA extraction and western blotting is preferred.

Required knowledge, skills, and abilities: Simple math for reagent calculations, writing, verbal communication including good command of the English language, reading of literature and equipment manuals, problem solving, ability to perform concurrent tasks with and without interruptions, budgeting of time to accomplish said tasks in an expedient and efficient manner, use of Excel and Word.

Level of Decision Making: Will follow established protocol. In the instances where unexpected problems occur, the level of independent decision-making will be on a case-by-case basis. The supervisor or manager will need to be made aware of the problem and teach how to resolve.

Scope and Impact: This position's project is part of a research study of which the outcome will hopefully be very successful and encourage more external funding.

Physical Requirements: Lift up to 20 - 30 pounds, expeditiously transport/walk materials and/or equipment across campus, daily or repeatedly, if necessary, in all weather conditions, repeatedly stoop, bend and stretch. Hear, see, talk clearly, manipulate items and materials manually (holding, grasping, turning or otherwise with hands and arms), Climbing stairs, lifting, stretching, carrying, and pushing.
We are looking for motivated individuals who are competent in learning new methods. This job would be an excellent opportunity to gain research experience in a growing and exciting field of biomedical engineering. Please check out our website for more information.

**Hours:** Hourly pay up to 19 hours/week

**Application:** Send your resume, a brief cover letter to Dr. Gunes Uzer (gunesuzer@boisestate.edu). Review of applications will start immediately on a rolling basis and selected candidates will be contacted for an interview.