

Description: Research Assistant

Reporting to: Principal Scientist

Location: Bergen County, NJ

Position Type: Full Time

Position Summary:

Invention-Translation-Regeneration

The Shu-Tung and Alice Li Foundation is currently seeking a highly motivated individual to fill the position of Research Assistant at the Foundation's Laboratory for Tissue Engineering Research. The Foundation's research laboratory is dedicated to the research and translational development of tissue equivalent products to advance the regenerative treatment of difficult to heal tissues and organs. The successful candidate will support colleagues of the Research and Development team by applying technical knowledge to work toward multiple project objectives within established timelines.

Key Responsibilities:

- Assist scientists to conduct feasibility studies and fabricate prototypes in accordance with design and development plans
- Assist in the maintenance of Design History File including concept, feasibility, and development phases
- Assist in writing and revising research and development procedures
- Maintain a safe and clean work environment in accordance with good laboratory practices (GLP)
- Proactively adopt best practices in laboratory techniques and data analysis methods
- Maintain meticulous laboratory records, electronic files, and laboratory notebooks to support experimental studies and intellectual property development
- Provide written and oral scientific progress reports and presentations to supervisor and peers
- Prepare samples, solutions, and reagents for testing according to standard operating procedures
- Conduct equipment maintenance and calibration program in accordance with established schedules
- Inventory laboratory supplies, instruments and equipment and requisition as needed
- Maintain chemical inventory and documentation (MSDS, CoA) according to safety instructions

Qualifications:

- Bachelor's Degree in the biological sciences
- Strong presentation and written and verbal communication skills
- Capability to think critically and effectively interpret data, proactive in troubleshooting
- Ability to communicate effectively with colleagues at all levels
- Demonstrated ability to work both independently and in a team setting
- Ability to prioritize multiple projects and manage timelines
- Self-motivated, creative, and adaptable
- Comfortable working in a start-up environment

Technical Skills:

- Prior work with standard scientific equipment preferred; SDS-page, autoclave, spectrophotometer, q-PCR, Differential Scanning Calorimetry (DSC) instrument, microplate reader a plus
- Experience in assay development, ELISA, Scanning Electron Microscopy (SEM) analysis, cell culture studies, mechanical testing a plus

The Shu-Tung and Alice Li Foundation is a non-profit 501(c)(3) organization committed to developing novel approaches for the repair of difficult to heal tissues, and ultimately translating them to clinical practice to advance regenerative medicine for the treatment of injured and damaged tissues and organs. Research grants are offered to both young researchers with demonstrated independent research potential and established individuals with recognized accomplishments in the above areas. The Shu-Tung and Alice Li Foundation strives to build a creative environment which promotes innovation while maintaining a solid allegiance to Basic Science.

The Shu-Tung and Alice Li Foundation offers a competitive salary and benefits package which includes medical and dental insurance and 401(k).

Equal Employment Opportunity Statement

The Shu-Tung and Alice Li Foundation provides equal opportunities to all employees and applicants for employment without regard to race, religion, color, age, sex, national origin, sexual orientation, gender identity, genetic disposition, neurodiversity, disability, veteran status, or any other protected category under federal, state and local law.