Stem Cell Theranostics

Stem Cell Research Scientist – Job Posting

Title:	Stem Cell Research Scientist
Work location:	1490 O'Brien Drive, Menlo Park, California 94025
Position type:	Full Time (40 hours per week; including weekends for cell culture)
Required education:	B.S. or PhD in Sciences with 5+ years of experience in stem cell research
Areas of expertise:	Stem Cell Biology, iPSC Disease Modeling, Genome Editing
Reports to:	Director of Cell Biology and Research Partnerships

Job Description

This research scientist position requires active involvement in somatic cell isolation, iPSC derivation, generation of differentiated cell types, disease modeling, genome editing and *in vitro* drug screening.

Education & Expertise & Experience

- B.S. or PhD in Science
- Minimum five (5) years of cell culture work experience in a stem cell research laboratory with human induced pluripotent stem cells (iPSC) generation, differentiation, and banking.

This position requires actual hands-on knowledge in stem cell biology, iPSC reprogramming, differentiation, disease modeling, genome editing, and drug screening. This position also requires expertise and experience in cell culturing, molecular biology techniques, immunofluorescence microscopy, cellular cryopreservation, molecular cloning and gene expression analysis such as real-time polymerase chain reaction (RT-PCR).

Duties & Daily Tasks

Responsibilities include:

- Reprogramming human somatic cell lines into induced pluripotent stem cells (iPSCs);
- Expanding iPSCs in culture and banking iPSCs for research use.
- Differentiating iPSCs into cardiomyocytes (CMs), neurons, beta islet cells and other cell types;
- Development of disease modeling assays through assessment of physiologically relevant phenotypes such as contractility, calcium imaging, bioenergetics profiling, and electrophysiology.
- Development of disease modeling assays through comparative experiments of iPSC derived progeny with analogous human tissue.
- Genome editing of iPSC lines for mutation introduction and correction
- Technology transfer from academic laboratories to SCT
- Setting up, maintaining, and efficiently operating cost effective laboratory operations;
- Maintaining inventory and ensuring equipment maintenance;
- Educating other scientists and technicians in lab techniques.

Other Skills & Abilities

- Ability to interact with stem cell and iPSC experts, industry representatives and business representatives;
- Ability to write and present reports to the Director of Cell Biology and Research Partnerships;
- Strong written and oral communication skills;
- Good organizational skills and detail-oriented;
- Ability to work independently and in a team environment;
- Computer skills.

Salary

Salary will be commensurate with education, relevant work experience and other qualifications.

Contact

In order to apply to this job offer, send your CV and the contact information of two referees at andrew.lee@sctheranostics.com.