



Sr. Scientist, Pluripotent Stem Cell Technology

RoosterBio Company Overview

RoosterBio designs, manufactures and distributes advanced hMSC manufacturing products aimed at accelerating the pace of development and commercialization of products incorporating living cellular technology. We believe that the dawn of a new day is upon us in the fields of biofabrication, tissue engineering, and cell and gene therapy technologies. RoosterBio is a revenue stage company on a high growth trajectory. Our employees are driven by high impact work and are passionate about delivering hyper simplified bioprocess systems and services to our customers.

We do not compromise on quality, innovation, or product performance. We believe in hiring and developing the best talent available within the industry. The pace is fast, the work is stimulating, and ultimate performance is expected out of each team member. Working at RoosterBio is not for everyone. It is essential to have genuine passion and commitment for the commercial translation of Advanced Therapy products, as well as an appreciation for a small company environment. It is our belief that these characteristics are necessary to attain personal fulfillment and success at RoosterBio. The development of a positive, collaborative, solution-focused and high performing culture is of the utmost importance to the RoosterBio team.

The Role

We are looking for a dedicated, highly motivated and results driven individual to join the team at RoosterBio as a Sr. Scientist Pluripotent Stem Cell (PSC) technology. The candidate will be responsible for developing simplified and standardized products for use in PSC-based therapeutic product development.

The successful candidate will establish new and optimize existing culture and analytical procedures and help RoosterBio productize PSC technologies, all while enhancing our work culture. The ideal candidate has deep experience in advanced cell biology techniques, particularly as they related to PSC expansion, differentiation and characterization, as well as how these are used within the context of GMP biopharmaceutical process and product development. We are looking for a team-oriented person who can take on increasing responsibilities as RoosterBio grows rapidly over the next 1-3 years.

Primary Responsibilities

- Lead the establishment and implementation of culture process optimization (expansion and differentiation) and analytical characterization to support development and manufacture of PSC based cell therapy.
- Effectively plan, budget, prioritize, execute and follow-up projects in a proactive and timely manner.



- Prioritize projects and communicate progress updates to the broader team while managing to establish budgets and executing to achieve goals within dedicated timelines.
- Build relationships with and actively collaborate with various teams within RoosterBio, including process development, marketing and business development in order to transfer the scientific knowledge into commercial products.
- Engage with external collaborators and conduct scientific evaluation of potential partners and new technologies proposed to company.
- Support customer uptake and use of new products
- Author relevant sections of master file submissions, as well as creating SOPs and best practices for others to implement and learn from.
- Manage the documentation for maintaining critical data and records associated with development and qualification studies.

Desired Skills/Qualifications:

- PhD in biological / biochemical sciences, biotechnology or analytical chemistry, with 5-10 years of industry experience, or M.S. with 10+ years.
- Strong leadership skills, being well versed in coaching-style management of technical professionals, with a demonstrated history of individual success.
- Significant technical/scientific experience in autologous and allogeneic cell therapy with expertise in multiple cell types
- Extensive experience working with human Pluripotent Stem Cells and expert working knowledge of expansion, maintenance and differentiation processes with a focus in cell based therapies.
- Working knowledge and ideally experience in gene editing technology needed for translating PSCs into therapeutic products
- Familiarity with Mesenchymal stem cell (MSC) technology, extracellular vesicles / exosomes is a plus.
- Knowledge of cell characterization methods including cell-based assays, immunophenotyping, flow cytometry, fluorescent microscopy; biochemical, physical and molecular methods essential to demonstrate pluripotency and differentiation process.
- Thorough understanding of the best industry practices and regulatory expectations (CMC) of therapeutic cell products
- Action oriented, results driven, and able to accomplish project objectives to meet or exceed expectations.
- Ability to manage oneself, and a team while adapting to changes, demands, schedules, priorities, being flexible and maintaining a positive attitude to deliver results under challenging timelines.
- Have strong communication skills including being able to communicate and present complex scientific subjects and results in an easy and professional manner.
- Accepts personal responsibility for producing results (individually and as a team).
- Exhibits a high level of professionalism at the workplace.
- Candidate must be eligible to work in the U.S for other than practical training.