



Company Information

Fibrocell Science, Inc. (Nasdaq: FCSC) is an autologous cell and gene therapy company translating personalized biologics into medical breakthroughs for diseases affecting the skin and connective tissue. Fibrocell's most advanced product candidate, FCX-007, is the subject of a Phase 1/2 clinical trial for the treatment of RDEB. Fibrocell is also developing FCX-013 for the treatment of moderate to severe localized scleroderma and is currently enrolling the Phase 1 portion of a Phase 1/2 clinical trial. For more information, visit www.fibrocell.com or follow Fibrocell on Twitter at [@Fibrocell](https://twitter.com/Fibrocell).

Job Description

Job Title:	Principal Scientist
Reports to:	Vice President R&D
Group/Division:	Corporate
Position Location:	Exton, PA
Exempt/Non-Exempt:	<u>Exempt</u>

General Responsibilities:

We are seeking a Principal Scientist to join Fibrocell organization, to characterize viral vectors which are a key component in the manufacture of cell therapy products. This role will provide technical leadership in viral vector characterization method development, qualification and transfer as well as working in cross-functional teams to contribute to high-level strategies and platforms for viral vector manufacturing. This position will be responsible for communicating with internal and external collaborators in support of third party viral vector manufacturing oversight and production of internal viral vector supplies, as appropriate. The initial focus will be on lentivirus-based vectors but will evolve to include other gene delivery methods.

Responsibilities:

- Design, develop, execute and analyze experiments required to establish a robust and scalable cGMP compliant process for the manufacture of viral vectors.
- Optimize and characterize cell growth, transfection and production processes at small and large scale, with adherent and suspension-based systems.
- Identify and implement new and existing technologies to improve optimize process control and efficiency, increase yield and vector quality.
- Design and conduct process development studies through use of DOE and statistical analysis.
- Design of analytical assays development of validation packages for regulatory filings.
- Manage technology transfer of existing and new technologies.
- Must be able to compose sound and well-reasoned written work and possess the ability to present technical information to both technical and non-technical audiences.
- Significant experience successfully managing and maintaining collaborations with outsourced vendors such as (labs, CRO's, CMO's etc.).
- Ability to be highly productive in a fast -paced, cross functional team-oriented work environment.
- Ability to be resourceful, collaborative and have a mind set of "no job too big no job too small."
- Proven ability to be a self-starter, who effectively plans, organizes and executes to meet key deliverables.

Fibrocell is an Equal Employment Opportunity Employer



- Maintain networking within the regulatory and scientific community.
- Creates and develops new and improved products, innovative ideas, processes, protocols, and techniques.
- Develops, identifies, and modifies new and existing formulations, technologies and platforms for improved performance and/or cost reduction.
- Ensures budgets, schedules, and performance requirements are met.
- Interacts internally and externally with executive-level management requiring negotiation of difficult matters to influence policymaking bodies both internally and externally.
- Willingness to fully engage with a high energy team in pursuit of organizational goals and strategies.
- Ability to prioritize and successfully execute multiple tasks simultaneously.
- Willingness to offer full accessibility and thrive within a transparent work environment.
- Ability to maintain confidential information with a high regard for integrity.
- Ability to work independently and as part of a team.

Computer Skills:

- To perform this job successfully, an individual should have knowledge of Database software; Project Management software; Spreadsheet software and Word Processing software.

Education:

- BS/MS in Molecular, Cellular Biology, virology, immunology or related discipline; PhD. Preferred.

Experience:

- 5-10 years of hands-on experience in viral vectors in Cell/Gene therapies and Drug Discovery research or related fields required.
- Ex-vivo genetic engineering experience.
- Extensive hands on experience with molecular and cellular techniques.
- Direct management and leadership experience.
- Experience in mammalian cell culture, molecular biology, protein biochemistry, immunoassays, flow cytometry, and quantitative PCR methods.
- Experience in the development of complex biological assays.
- Hands on experience in potency assays.
- Significant experience successfully managing and maintaining collaborations with outsourced vendors such as (labs, CRO's, CMO's etc.).
- Inherent customer service focus.
- Demonstrated ability to see the "big picture."
- Demonstrated history of scientific accomplishment and intellectual property creation in products.
- Understanding and experience of what it's like to work in a small company start-up.
- Excellent oral and written communication skills while continually demonstrating high levels of interpersonal versatility within diverse populations.
- Strong strategic, analytical and critical thinking skills.
- Ability to build relationships and establish credibility appropriately.
- Self-reliant and results oriented. Drive balanced with patience.
- Exceptional leadership and role modeling skills.

Disclaimer:

This position description is written as a guideline to inform Fibrocell Employees of what is generally expected of them at each job level. The description is not intended to be all encompassing or limiting in any manner; rather, it is hoped it will add understanding and better reflect the work performed at all levels of employment



within Fibrocell. Duties and responsibilities other than those listed may be included as needed within the work group or the company as a whole.

The above information is for exclusive use within Fibrocell Science and may not be used or duplicated by others without written consent.

**Position Description and Essential Job Functions
Applicant Review**

Please read and sign after reviewing the Position Description and Essential Job Functions.

I have the ability to perform the essential functions of this position with or without reasonable accommodation.

Printed Name: _____

Signature: _____

Date: _____