



## Company Information

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Castle Creek Biosciences is a privately held company that develops and commercializes gene therapies for patients with rare and serious genetic diseases. The company's lead gene therapy candidate, FCX-007, is being evaluated for the treatment of recessive dystrophic epidermolysis bullosa (RDEB), the most severe and debilitating form of epidermolysis bullosa (EB). The company is also advancing clinical research evaluating a diacerein topical ointment, CCP-020, for the treatment of epidermolysis bullosa simplex (EBS) and other forms of EB. In addition, Castle Creek Biosciences is developing FCX-013, a gene therapy for the treatment of moderate to severe localized scleroderma. Castle Creek Biosciences is a portfolio company of Paragon Biosciences. For more information, visit [castlecreekbio.com](http://castlecreekbio.com) or follow Castle Creek on Twitter @CastleCreekBio.

## Job Description

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

### General Responsibilities:

We are seeking a Principal Scientist to join Castle Creek Biosciences 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.
- 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 Castle Creek Biosciences 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 Castle Creek Biosciences. Duties and responsibilities other than those listed may be included as needed within the work group or the company.

Castle Creek Biosciences is an Equal Employment Opportunity Employer



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