GC Therapeutics

GC Therapeutics, Inc.
610 Main St., North
Cambridge, MA 02139
info@gc-tx.com

www.gc-tx.com

Director, Product Optimization (Cell Therapy)

Company Overview

GC Therapeutics is the first genome-wide cell landscape exploration company using an integrated synthetic biology and AI-driven platform for cell programming. Its patent-pending and proprietary pluripotent stem cell differentiation technology platform TFome™ was developed in Professor George Church's lab, a pioneer in synthetic biology, and allows for the development of unique cell therapies with significantly streamlined manufacturing, improved cell quality, efficiency, and speed. GC Therapeutics is based in Cambridge, MA. For additional information, please visit www.gc-tx.com.

Job Purpose

GC Therapeutics is seeking an experienced Director of Product Optimization (Cell Therapy). The product optimization team (PO) will work closely with the research, non-clinical, analytical, process development and regulatory teams. Leading our product optimization team, the successful candidate will provide oversight and technical leadership for optimizing the product developed by the R&D team in a manner that is compliant with phase appropriate CGMPs. The candidate must have familiarity with genome engineering and the regulatory requirements for genetically modified Pluripotent Stem Cell (PSC) derived products, including vector optimization, transfection, single cell cloning and selection. The role provides technical and strategic leadership for a timely development of clinically viable and robust products for our groundbreaking cell engineering process. The candidate will lead the interactions with process development and process characterization teams with strict attention to company timelines and goals.

Duties and Responsibilities

- Lead and manage product optimization team to accomplish company goals.
- Active involvement in building a high-functioning team.
- Provide subject matter expertise across the organization in product optimization and development.
- Collaborate with essential departments like R&D and regulatory teams to strategize and implement multiple programs.
- Actively represent the PO team in CMC meetings.
- Advance drug product platform and functional initiatives through direct contributions.
- Responsible for overseeing experimental design, analysis, and communication of results to team members.
- Provide scientific and technical supervision to junior staff or contract research organizations (CRO) for defined projects.
- Optimize new genome engineering approaches to develop candidate products.
- Oversee design, synthesis, QC and testing of new vectors for genome engineering PSCs.
- Evaluate different methodologies practiced in the industry for genetically modified PSCs.

Qualifications

Essential Qualifications:

- PhD degree in Molecular Biology, Cell Biology, or similar disciplines with 5+ years of experience in the industry.
- Proven track-record in overall CMC product development, along with hands-on experience in cell therapy product development.
- Current scientific and technical knowledge of most recent technologies in PSC product optimization.
- Experience in a fast-paced, multifaceted team environment.
- Robust understanding of product development of complex biologics and/or cell and gene therapy products.
- Ability to deliver results consistently and effectively.
- Excellent leadership skills to mentor and develop team members and engage cross-functional teams to drive new initiatives.
- Strong ability in time management and communication at all levels of the organization and with outside collaborators and partners and ability to deliver results efficiently and in a timely manner.
- Demonstrated track record in functional management as well as attracting and developing talent.

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Additional Preferred Qualifications:

- Experience in analytical development for cell therapy.
- Expert knowledge of cell therapy process transfer either internally or externally for CGMP manufacturing.
- Proven track-record of technical excellence with PSC product optimization approaches.
- Extensive mammalian cell culture and cell characterization experience, ideally with PSCs and PSC-derived cells.
- Previous experience with INDs and BLAs is preferred.
- Prior leadership experience with proven success aligning with the company's big picture by successfully executing process development deliverables.

Interested? Contact recruiting@gc-tx.com to apply!

Send your CV with the subject "Director – Product Optimization."

Equal Opportunity Workplace: GC Therapeutics is an equal opportunity employer. We provide equal employment opportunities to all applicants for employment and existing employees without regard to ancestry, national origin, place of birth, race, color, gender, sexual orientation, marital status, pregnancy, religion, age, disability, gender identity, results of genetic testing, service in the military or otherwise to the full extent of all federal, state and local laws. GC Therapeutics' equal employment opportunity policy applies to all terms and conditions of recruiting, hiring, placement, training, compensation, transfer, leave of absence, employment, promotion, layoff and termination of employment.