Capricor Therapeutics, Inc. (NASDAQ: CAPR) is a Los Angeles, California based cutting-edge biotech company focused on the discovery and development of novel cell and exosome-based therapeutics for the treatment and prevention of a variety of diseases and disorders. Capricor's lead product candidate, allogeneic Cardiosphere-Derived Cells (CDCs), known as CAP-1002, is being investigated as a treatment for Duchenne muscular dystrophy and COVID-19. In addition, the Company is conducting research and development on its exosomes platform technology for a variety of indications. In response to a global pandemic, our team is currently applying its technologies to deploy a novel vaccination approach against COVID-19. Capricor offers exciting opportunities and invites qualified professionals to join our expanding team. Capricor provides competitive compensation and benefits packages.

Position:

Sr. Scientist, Mammalian Cell Culture Process Development

Job Description:

Capricor seeks a highly motivated and creative individual to be a part of a cutting-edge cell and gene therapy process and product development team. The successful candidate is responsible for leading upstream process development/optimization studies to advance our R&D programs from pre-clinical to IND filing and ultimately to BLA filing and commercial launch. The candidate is also responsible for leading upstream technology transfer activities to Capricor's internal manufacturing site as well as to CMOs.

Responsibilities:

- Lead upstream mammalian cell culture process development activities ranging from vial thaw, inoculum, cell culture development, and bench top bioreactor/stainless steel bioreactor operations.
- Champion and progress select therapeutic candidates from early stage Phase I to late stage Phase II and Phase III clinical trials through to commercialization.
- Lead technology transfer processes and working cross functionally between Process Development and Manufacturing department.
- Work cross functionally with Downstream Process Development, Analytical Development, Manufacturing, Regulatory, and Quality departments for upstream related process improvement, process validation, process change control, deviation investigation and process characterization activities.
- Manage laboratory experiments including scale down studies, validation studies, process range studies, process robustness studies, and manufacturing troubleshooting activities.
- Lead upstream CMC development activities and contributing to IND regulatory submissions.

Requirements:

- Ph.D. or MS in Biochemical Engineering, Chemical Engineering or related Scientific/Engineering field.
- PhD with 5+ years or MS with 8+ years of BioPharma, BioPharmaceutical, Pharmaceutical or Biotechnology industry experience.
- Strong Scientific and Engineering expertise developing novel upstream mammalian cell culture processes for biologic therapeutics (experience with cell therapeutic products and virus like particles is preferred)

- Hands-on expertise engineering and operating shake flasks, small scale bioreactors, bench top bioreactors including ambr, pilot scale reactors and stainless steel bioreactors used for mammalian cell culture processes.
- Experience leading upstream process transfer activities with CMOs.
- Experience with GMP regulatory guidelines as related to the development of cell and gene therapy manufacturing processes is preferable.

Work Environment / Physical Demands:

- Laboratory environment working with chemical reagents and analytical equipment
- Personal Protective Equipment must be worn as required.
- Must be able to lift up to 20 lbs.
- Must be able to stand/walk to work in lab environment for extended periods.
- Must be able to sit for extended periods to use computer.