



Job Profile for Scientist/Senior Scientist – Protein Expression and Purification

Position: 191004

Mediar Therapeutics is a preclinical stage biotechnology company developing therapeutics to halt, or even reverse, fibrosis and restore long-term organ function. The platform and pipeline are based on an emerging class of novel targets – fibrotic mediators – that play key roles in modulating myofibroblast biology and the development of fibrosis in chronically damaged organs. Mediar was founded by Partners Innovation Fund, Massachusetts General Hospital and Brigham & Women’s Hospital and has laboratory and office space in Cambridge’s premier biotech incubator at Lab Central.

We are seeking an experienced protein expression and purification scientist to join our team. This position offers the opportunity to impact multiple steps of protein expression and purification (non-GMP) for biotherapeutic leads, protein reagents, immunogens, and panning reagents, as well as the design and building of DNA constructs. The successful candidate will be a self-motivated scientist with demonstrated communication and organizational skills who can work collaboratively in a dynamic environment.

Role Responsibilities:

- Design and/or coordinate the generation of DNA constructs tailored for the expression of recombinant proteins
- Design, optimize and execute protein expression in mammalian transient and stable cell lines, from various shake flask scales to bioreactor systems
- Design, optimize and execute efficient purification protocols for project proteins
- Drive innovation through the design and implementation of automation strategies for higher throughput
- Document, analyze, interpret and present experimental data in a clear and concise manner
- Recognize and troubleshoot technical and scientific issues to ensure high quality data are generated
- Contribute to building a positive, team-oriented culture

Required Qualifications:

- Extensive hands-on experience with:
 - Standard molecular biology and mammalian cell culture techniques
 - Protein expression using transient and/or stable mammalian cell culture systems
 - Various protein purification techniques
 - Analytical biochemistry and protein characterization methodologies including various chromatography systems and biophysical techniques (for example DSC, SPR, BLI)
- BA/BS degree in biology or a related discipline with 5+ years of R&D experience

- Demonstrated self-motivation and time management to conduct multiple laboratory and project tasks efficiently
- Ability to work in a team-oriented environment and demonstrate attention to detail and record keeping
- Flexibility to adapt workplans to rapidly changing priorities and deadlines

Preferred Qualifications:

- PhD in biochemistry or a related discipline with at least 2 years of R&D experience
- Proficiency in statistical and bioinformatics analyses

Interested candidates please contact:

HR@mediartx.com

Mediar is committed to equal opportunity in the terms and conditions of employment for all employees and job applicants without regard to race, color, religion, sex, sexual orientation, age, gender identity or gender expression, national origin, disability, veteran status or any other classification protected under applicable law. Mediar also complies with all applicable national, state and local laws governing nondiscrimination in employment as well as work authorization and employment eligibility verification requirements of the Immigration and Nationality Act and IRCA.