



Job Profile for Sr. Scientist/Principal Scientist-Pharmacology

Position: 2102

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 a scientist to join our Pharmacology/Translational Medicine biology team (title commensurate with experience). This position offers the opportunity to be involved in the critical identification, selection and characterization of Mediar’s own therapeutic antibodies and their progression towards the clinic. This scientist will play a key role in designing in vitro pharmacology strategies for target-based and phenotypic projects. You will also be involved in furthering our understanding of the role of our targets in the pathways and biology that lead to fibrosis. The position will be a combination of hands-on lab based work and supervisory duties. 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 experiments and research plans that explore the molecular basis for target activity and drug mechanism of action as it relates to disease pathology, potency, pharmacology and efficacy
- Conduct and troubleshoot a wide range of biological/molecular/biochemical assays including, but not limited to: cell-based assays in primary human cells, ELISAs, MSD, Luminex, Alpha-LISA, viability assays, RT-PCR, Western blotting, co-IPs, cleavage assays, FACS
- Day-to-day oversight and guidance of junior colleagues
- Ensure reliable availability of cells for planned experiments (primary fibroblasts, cancer cell lines, etc.)
- Document, analyze, interpret and present experimental data in a clear and concise manner
- Contribute to building a positive, team-oriented culture

Required Qualifications:

- MS/PhD with 7-10 years of industry experience
- Experience managing and mentoring a team
- Extensive cell culture experience including primary human cells
- Experience with molecular, cellular and biochemical techniques in 96/384 well format
- Experience with screening (large molecules preferred)

- Ability to plan and execute detailed cell treatment protocols
- Able to take direction, work independently and troubleshoot
- Team player; understands and appreciates working towards common goals in small company environment
- Demonstrates attention to detail and record keeping
- Flexibility to adapt workplans to rapidly changing priorities and deadlines

Preferred Qualifications:

- Background in fibrosis, immunology/inflammation, cytokines, growth factors
- Knowledge/experience working with biotherapeutics
- Experience in high throughput screening such as by phenotype, microscopy, ELISA
- Experience with lab automation

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.