



**Job Profile for Scientist/Senior Scientist – Cell Biology / *In Vitro* Pharmacology**  
**Position: 191003**

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 cell biologist to join our team. This position offers the opportunity to make high impact in an early-stage company by applying *in vitro* cell biology and pharmacology expertise to develop and execute assays and design experiments to interrogate biology, screen and evaluate the therapeutic potential of compounds, define structure-activity relationships and understand the mechanism of action of compounds throughout different stages of the projects. 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, optimize and execute various cell-based assays (for example: fibrosis assays; proliferation; chemotaxis; angiogenesis; wound healing; cell signaling; cytokine profiles; gene expression)
- Design, optimize and execute biochemical/biophysical assays to characterize protein interactions
- 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
  - Cellular assay development
  - Plate-based endpoint assay instrumentation (fluorescence and chemiluminescence plate readers; high content platforms)
  - Gene and protein expression endpoints (RNAseq; qRT-PCR; Western blot; imaging; flow cytometry)
- BA/BS degree in biology or a related discipline with 5+ years of experience including 2-4 years of assay development experience

- Preferred: PhD in pharmacology or a related discipline with at least 2 years of assay development 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:**

- Experience with primary human cell assays (such as fibroblasts, endothelial cells, epithelial cells, macrophages)
- Proficiency in statistical and bioinformatics analyses

Interested candidates please contact:

[HR@mediartx.com](mailto: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.