Inaugural postdoctoral position at MyoKardia investigating the role of different proteins of interest in genetically-driven cardiomyopathies.

MyoKardia is a clinical-stage biopharmaceutical company that seeks to improve patients’ lives by both pioneering a precision medicine approach to discover targeted therapies for the treatment of serious/rare cardiovascular disease, as well as by increasing the scientific understanding of normal and pathological cardiac function.

As such, a joint research group between MyoKardia and its academic founders is seeking a highly motivated postdoctoral candidate with a background in striated muscle biology, with a recent PhD in cell or molecular biology, to join the organization. The work, expected to encompass a two-year tenure with a possible extension, will conduct mechanistic investigation of the proteins of the cardiac sarcomere, performing functional and quantitative characterization, assessment of stability, as well as protein-protein interactions. He/she will also be involved in helping with the characterization and development of cell-based assays using primary and iPSC-derived cardiac myocytes. In addition, the successful candidate will interact cross-functionally with teams involved in drug discovery and development, and will have the opportunity to work with other departments of interest.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**
- Independently manage project, design and perform experiments
- Participate in weekly group meetings, and monthly journal club
- Present annually, in an all-employees meeting, a project progress report
- Attend, annually, at least one external scientific conference
- Prepare manuscripts for publication in peer-reviewed journals

**Education/Experience:**
- Ph.D in Molecular Biology, Cell Biology, or a related discipline, within the last 5 years
- Striated-muscle biology background is essential
- Have first-author publications in peer-reviewed journals

**Knowledge/Skills/Abilities:**
- Experience and knowledge in cell and molecular biology
- Background in cardiovascular biology a plus
- Previous experience in gene editing, mammalian cell culture and transfections
- Experience performing live-cell imaging, and other microscopy techniques
- Ability to work cross-functionally with other members of the team
- Industry experience not necessary
- Must have the ability to troubleshoot, be self-motivated, independent, data-driven, and not afraid of challenging the known

To apply, visit here: [http://app.jobvite.com/m?3f066kwg](http://app.jobvite.com/m?3f066kwg)