Flagship Labs 62, Inc. is a privately held, well-funded, early-stage biotechnology company that is leveraging novel insights in RNA biology for the development of human therapeutics.

FL62, Inc. was founded by Flagship Pioneering, an innovation enterprise that conceives, creates, resources, and grows first-in-category life sciences companies. The firm’s institutional innovation foundry, Flagship VentureLabs®, is where Flagship’s team of scientific entrepreneurs systematically evolve ideas into new fields and turn previously undiscovered areas of science into real-world inventions and ventures. Flagship manages more than $2.4 billion in funds and, since 2000, the firm has applied its hypothesis-driven innovation process to originate and foster nearly 75 scientific ventures, resulting in $19 billion in aggregate value, 500+ issued patents and more than 50 clinical trials for novel therapeutic agents. These companies include Seres Therapeutics (NASDAQ:MCRB), Rubius Therapeutics (RUBY), Moderna, Syros Pharmaceuticals (SYRS), Acelera Health, Evelo Biosciences (EVLO), and Indigo Agriculture.

Flagship Labs 62 Inc. is a highly dynamic, entrepreneurial, and innovation-driven organization seeking to hire an exceptional scientist to join our team.

Position Summary:
We are seeking a computational biologist to support several independent research efforts through identification of novel disease targets and downstream data analysis. The ideal candidate would be able to assist with study design, analyze multiple data streams, and generate predictive algorithms. This position requires an ability to collaborate closely with R&D scientists while adapting to new experimental findings and providing experimental guidance in keeping with the company’s objectives. We are particularly interested in candidates who are experienced with analyzing NGS sequencing data related to novel small RNAs.

Key responsibilities:
- Genome mining for novel disease signatures
- Identify relevant databases and repurpose existing database for company objective
- Algorithm development for creation of a DNA/RNA primer design tool
- Data analysis for next-generation sequencing
- Process, analyze, interpret, and visualize multiple data streams
- Provide statistical analysis support
- Identify new opportunities for implementation of platform technology and expansion of computational platform (i.e. predictive algorithms)
- Provide reports and effectively present results to the scientific and management teams

Qualifications:
- PhD in bioinformatics, computational biology, or a related field
- Demonstrated experience designing algorithmic pipelines for genomic data analysis
- Experience building research software tools to assist assay design
- Skilled in programming and scripting languages (Python, R, etc.)
- Familiarity with biological data repositories and public genomic data resources
- Ability to work collaboratively in a fast-paced, interdisciplinary, entrepreneurial environment
Flagship Labs 62 Inc. is a privately held, well-funded, early-stage biotechnology company that is leveraging novel insights in RNA biology for the development of human therapeutics.

FL62, Inc. was founded by Flagship Pioneering, an innovation enterprise that conceives, creates, resources, and grows first-in-category life sciences companies. The firm’s institutional innovation foundry, Flagship VentureLabs®, is where Flagship's team of scientific entrepreneurs systematically evolve ideas into new fields and turn previously undiscovered areas of science into real-world inventions and ventures. Flagship manages more than $2.4 billion in funds and, since 2000, the firm has applied its hypothesis-driven innovation process to originate and foster nearly 75 scientific ventures, resulting in $19 billion in aggregate value, 500+ issued patents and more than 50 clinical trials for novel therapeutic agents. These companies include Seres Therapeutics (NASDAQ:MCRB), Rubius Therapeutics (RUBY), Moderna, Syros Pharmaceuticals (SYRS), Axcella Health, Evelo Biosciences (EVLO), and Indigo Agriculture.

Flagship Labs 62 Inc. is a highly dynamic, entrepreneurial, and innovation-driven organization seeking to hire an exceptional scientist to join our team.

**Position Summary:**
We are seeking Research Scientists to join our team to develop and advance our research programs, from early discovery to proof-of-concept and beyond. We are searching for enthusiastic, innovative, and highly motivated individuals with a passion for pursuing innovative science aimed at bringing novel medicines to patients. Successful candidates should be scientifically motivated self-starters, comfortable working in a fast-paced entrepreneurial environment and capable of working independently in conducting and critically analyzing biology experiments. Scientist will collaborate with FL62 team to design and complete key proof-of-concept studies and advance our technology platform.

**Key responsibilities:**
- Design, execute and troubleshoot multiple experimental workflows including mammalian cell-based and molecular biology assays
- Implement technologies and develop novel assays, with an emphasis on NGS
- Analyze, interpret, document and effectively present data to scientific and management team
- Collaborate with other scientists to achieve company objectives and oversee, mentor and train research associates
- Work closely and efficiently with an entrepreneurial, highly-collaborative, interdisciplinary team and actively contribute to creating, shaping and executing the scientific and strategic vision of the company
- Maintain scientific and technical expertise through familiarity with scientific literature, attending conferences, and developing relationships with thought leaders

**Required skills:**
- Strong skills in RNA molecule synthesis and purification
- Design & synthesize RNA-expression constructs for expression of novel therapeutic agents in vitro and in cell systems
- Conduct quantitative assays in cultured mammalian cells, such as cell viability and proliferation
- Skilled in mammalian cell culture, transfection/transduction, and RNAi
• Strong experience with molecular biology and biochemical techniques, such as molecular cloning, qPCR, Northern blotting, RNA-seq, SDS-PAGE, analysis of protein modifications, enzymatic assays, in vitro transcription and IP
• Expertise in the field of RNA biology is preferred

Qualifications:
• Ph.D. in Biology, Biochemistry, Molecular Biology, Biological Engineering or related field
• Additional 3+ years of relevant laboratory experience in academic or industry setting strongly preferred
• Demonstrated industry experience or academic achievement, as evidenced by publications in high impact journals or drug development
• A strong self-starter, independent thinker, with strong attention to detail
• Excellent communication and presentation skills, capable of conveying technical information in a clear and thorough manner
• Team oriented, highly motivated, execution focused with strong work ethic, ability to thrive in an entrepreneurial and multidisciplinary environment
• Highly adaptable and responsive to technical and business opportunities and needs