

# Research Scientist position at M6P Therapeutics

## *Protein Science*

M6P Therapeutics, based in St. Louis, MO, is an early stage, well-funded, biotechnology company developing next-generation enzyme replacement and gene therapies for Lysosomal Storage Disorders (LSDs). We are seeking a highly motivated scientist to join our Protein Science Group. The successful candidate will be part of a multi-disciplinary R&D team working to develop enzyme replacement and gene therapies for the treatment of various LSDs. This is a unique opportunity to join an innovative and dynamic company developing meaningful, best-in-class therapies to address unmet medical needs at an early stage. M6P Therapeutics offers competitive salary and relocation assistance commensurate with experience.

### **Responsibilities**

- Develop lysosomal protein specific assays to evaluate N-linked oligosaccharides on glycoproteins (specialized phosphorylated oligosaccharides)
- Develop specific reagents for the characterization of lysosomal glycoproteins
- Develop and qualify analytical assays to support biological drug development
- Perform analytical characterization during the purification process
- Support analytical assay transfer and process scale up
- Serve on and/or lead departmental and inter-departmental teams
- Write and review internal and external developmental reports

### **Education/Experience Requirements**

- Ph.D. in Biology or Biochemistry (or relevant discipline), and minimum of 2 years of glycobiology experience or MS in Biology or Biochemistry (or relevant discipline), and minimum of 5 years of glycobiology experience or BS in Biology or Biochemistry (or relevant discipline), and minimum of 8 years of glycobiology experience
- Enzymatic or chemical modification of glycoproteins
- Structural N-linked oligosaccharide characterization of glycoproteins
- Glycoprotein: Receptor binding assay development
- Enzymatic assay development – colorimetric, fluorescent, and isotopic
- Determine enzymatic and binding kinetics for novel enzymes
- Successful purification process scale-up and GXP experience

### **Location**

Our labs and offices are located in the state-of-the-art CIC facilities in St. Louis, MO. Forbes recently ranked St. Louis, MO as a top city for startups, and Curbed named it one of the 10 best cities in the U.S. to move to, highlighting all the great things this thriving city has to offer to businesses and global investors. St. Louis is well placed for fast and affordable airfares between the Bay Area, Greater Boston, and other biotech hubs, it boasts lower living and business costs, world-class schools, exciting dining scene and first-rate parks for outdoor enjoyment; St. Louis's Forest Park is ranked the #1 Best City Park in the United States, beating out NYC's Central Park.

### **Application**

To apply for this position, please submit your resume/curriculum vitae along with a cover letter to [careers@m6ptherapeutics.com](mailto:careers@m6ptherapeutics.com).