Senior Manager/Manager, Data Science
Job Code: xxxxx

Description
Fate Therapeutics is seeking a highly skilled and motivated Data Scientist in our Biometrics Group. This individual will provide technical expertise to Fate's non-clinical programs. The successful candidate collaborates cross-functionally with Research & Development, Clinical Development, Clinical Translation, and CMC teams. The ideal candidate should have in-depth knowledge in advanced statistical methods and data science techniques such as machine learning and visual analytics. This is a full-time position reporting to the Director of Data Science and is located either in Maryland, our South San Francisco office or at our corporate headquarters in San Diego, CA.

Responsibilities
- Provide statistical and data science expertise to non-clinical programs regarding study design, data analysis, predictive modeling, and visualization
- Develop statistical and visualization tools to integrate data from multiple sources
- Develop web-based applications to automate routine analyses and reports
- Provide input to non-clinical experiment design options, endpoint assessment, and sample size/power calculations
- Collaborate with scientists to develop analysis strategy and visualization methods for biomarker discovery
- Provide support for PK/PD assay development and validation
- Contribute to the development of data science SOPs and best practices
- Provide support for scientific publications
- Research statistical methodologies/issues, contribute to presentations at scientific meetings and publication in peer-reviewed journals as the primary data science author
- Stay current with FDA/EMA/ICH guidelines for statistical data analysis, data structure, and new developments in statistics, data science, and drug development
- Manage and mentor junior staff members as needed
- Take on other tasks as required

Qualifications
- PhD or MS in quantitative discipline such as Statistics with 3 or more years of experience in the pharmaceutical or biotech industry or regulatory agencies (Manager: 3+ years for PhD and 5+ years for MS; Senior Manager: 5+ years for PhD and 7+ years for MS)
- Excellent visualization experience utilizing RShiny or Spotfire. Knowledge of other visualization tools such as D3.js is a plus
- Experience with big data manipulation and analysis using varying frameworks/tools is desirable
- Advanced knowledge of statistical methods and machine learning techniques
- Ability to conduct independent research and resolve statistical and data science methodological issues
- Demonstrated ability to manage competing priorities and deliver high-quality work under tight timelines

- Experience in authoring and contributing to technical documents such as statistical analysis reports, manuscripts and abstracts
- Excellent communication skills
- Strong team player
- Collaborative teamwork and interpersonal skills that demonstrate initiative and motivation

Working Conditions and Physical Requirements
- May require occasional evening and weekend work.
- Full-time remote work in Maryland or onsite at Company's headquarters in San Diego, or South San Francisco, California.

The preceding job description indicates the general nature and level of work performed by employees within this classification. Additional and incidental duties related to the primary duties may be required from time to time.

For consideration send cover letter and curriculum vitae to: careers@fatetherapeutics.com and reference job xxxxx.

About Fate Therapeutics, Inc.
Fate Therapeutics is a clinical-stage biopharmaceutical company dedicated to the development of first-in-class cellular immunotherapies for patients with cancer. The Company has established a leadership position in the clinical development and manufacture of universal, off-the-shelf cell products using its proprietary induced pluripotent stem cell (iPSC) product platform. The Company's immuno-oncology pipeline includes off-the-shelf, iPSC-derived natural killer (NK) cell and T-cell product candidates, which are designed to synergize with well-established cancer therapies, including immune checkpoint inhibitors and monoclonal antibodies, and to target tumor-associated antigens using chimeric antigen receptors (CARs). Fate Therapeutics is headquartered in San Diego, CA. For more information, please visit www.fatetherapeutics.com.