Associate Director, Clinical Data Analyst

Waltham, MA

Apply

Company Overview:

Dyne Therapeutics is a clinical-stage muscle disease company focused on advancing innovative life-transforming therapeutics for people living with genetically driven diseases. With its proprietary FORCE™ platform, Dyne is developing modern oligonucleotide therapeutics that are designed to overcome limitations in delivery to muscle tissue. Dyne has a broad pipeline for serious muscle diseases, including clinical programs for myotonic dystrophy type 1 (DM1) and Duchenne muscular dystrophy (DMD), and a preclinical program for facioscapulohumeral muscular dystrophy (FSHD). For more information, please visit https://www.dyne-tx.com/, and follow us on X, LinkedIn and Facebook.

Role Summary:

The Associate Director, Clinical Data Analyst, has a critical role in the delivery of high-quality external data across Dyne's development pipeline by proactively identifying, measuring, and mitigating risk prior to acquisition of non-electronic data capture (EDC) data. The Clinical Data Analyst partners cross functionally to identify risk to data integrity throughout the data flow to drive quality collection for non-EDC data sources (fluid & tissue labs, digital, imaging, wearables) in Dyne's clinical studies. This role works with internal stakeholders and external vendors to define the data flow from collection at site or remotely through integration with the clinical database, for analysis and reporting. The role coordinates cross-functionally to design and produce reports and visualizations, both through programming and data platforms, to mitigate the identified risks, merging with EDC collected data as needed. Analysis will be developed by wrangling data (files based, database, and large datasets), applying advanced analytics methodology (statistics, AI/ML models) and creating informative data visualizations, employing data storytelling, data, analytics, and narratives to develop compelling insights that drive measurable and actionable change.

This is a full-time position based in Waltham, MA without the possibility of being remote

Primary Responsibilities Include:

- Coordinate with data management study leads, clinical operations, internal stakeholders and external vendors to map non-EDC data from collection through analysis

- Partner with IT, internal functions and external vendors to develop secure data transfer pipelines for non-EDC data sources
- Participate in developing and applying clinical data standards to drive quality non-EDC data collections across programs
- Participate in cross-functional efforts to identify risks to data integrity and quality for external data sources
- Develop automated means of measuring and mitigating risk through quantitative analysis of operational and collected data
- Proactively problem solve, formulate problem statements and sets, derive them to manageable data collections and apply critical thinking to develop solutions
- Develop technical standards for the organization and storage (data wrangling) of both operational and collected data, structured and unstructured, for downstream analysis and reporting
- Apply advanced analytics (methods and tools) to identify trends and develop predictive models for events and behaviors
- Support and develop clinical data analyses (TLFs, visualizations) for the review of both non-EDC and EDC sourced data
- Participate in and effectively deliver periodic reviews of quantitative analyses to stakeholders, to drive process and collection optimization
- Provide input to and assist with the development and implementation of cross-functional standards and processes for external data

Education and Skill Requirements:

- 8+ years' relevant experience in healthcare (medical, biopharmaceutical) data analytics and related technologies
- Bachelor's degree in Computer Science, Applied Mathematics/ Data Sciences/ Data Analytics or related discipline required, advanced degree preferred
- Experience with large datasets, designing and developing pipelines and analyses (TLFs, visualizations), ideally with clinical or research data sources
- Experience with analytic methods and technologies (artificial intelligence, machine learning/ deep learning/ neural networks, natural language processing, visualizations)
- Demonstrated proficiency with data science languages (R, Python, SQL, Julia, SAS) and visualization tools (Tableau, Spotfire, SAS, JMP, RShiny)
- Experience presenting statistical methods and concepts to non-mathematically inclined stakeholders to gain trust and drive additional data insight
- Experience with data infrastructure and analysis platforms, elluminate preferred
- Experience with clinical trial data
- Experience working in an outsourced data management model preferred
- Experience in rare disease is preferred
- Knowledge of and experience with medical terminology, controlled terminology, clinical data standards is a plus
- Ability to successfully contribute to improving the quality of internal data management policies, programs and initiatives

- Excellent interpersonal skills and communication skills (verbal and written) with the ability to work independently and collaboratively in a dynamic team environment
- Experience presenting to senior management and program teams
- Ability to thrive working in a fast-paced environment, manage a variety of projects simultaneously, and handle rapidly changing information
- Ability to clearly communicate, resolve complex issues, and mitigate risks

#LI-Onsite

The statements contained herein reflect general details as necessary to describe the principles functions for this job, the level of knowledge and skill typically required, and the scope of responsibility, but should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned, including work in other functional areas to cover absences or relief, to equalize peak work periods or otherwise balance workload.

This description is not intended to be constructed as an exhaustive list of duties, responsibilities, or requirements for the position. This position may change or assume additional duties at any time. The employee may be requested to perform different or additional duties as assigned. All Employees are expected to adhere to all company policies and act as a role model for company values.

Dyne Therapeutics is an equal opportunity employer and will not discriminate against any employee or applicant on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, veteran status, or any classification protected by federal, state, or local law.
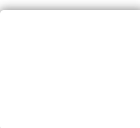

Apply for this job

* indicates a required field

First Name *

Last Name *

Email *

Phone *

Resume/CV *

Attach, Dropbox, Google Drive, or enter manually

Accepted file types: pdf, doc, docx, txt, rtf

Cover Letter

Attach, Dropbox, Google Drive, or enter manually

Accepted file types: pdf, doc, docx, txt, rtf

LinkedIn Profile

Website

Are you authorized to work in the U.S.? *

Will you now or in the future require sponsorship for employment visa status (e.g., H-1B visa status)? *

Are you currently local to Waltham, MA? *

If you are not local to Waltham, MA, are you able to move to be local to Waltham, MA to take this role if you are offered the position? *

Education

School

Select…

Degree

Select…

Discipline

Select... ▾

Start date month

Select... ▾

Start date year

End date month

Select... ▾

End date year

Add another

Voluntary Self-Identification

For government reporting purposes, we ask candidates to respond to the below self-identification survey. Completion of the form is entirely voluntary. Whatever your decision, it will not be considered in the hiring process or thereafter. Any information that you do provide will be recorded and maintained in a confidential file.

As set forth in Dyne Therapeutics's Equal Employment Opportunity policy, we do not discriminate on the basis of any protected group status under any applicable law.

Gender

Select... ▾

Are you Hispanic/Latino?

Select... ▾

Race & Ethnicity Definitions

If you believe you belong to any of the categories of protected veterans listed below, please indicate by making the appropriate selection. As a government contractor subject to the Vietnam Era Veterans Readjustment Assistance Act (VEVRAA), we request this information in order to measure the effectiveness of the outreach and positive recruitment efforts we undertake pursuant to VEVRAA. Classification of protected categories is as follows:

A "disabled veteran" is one of the following: a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to

compensation) under laws administered by the Secretary of Veterans Affairs; or a person who was discharged or released from active duty because of a service-connected disability.

A "recently separated veteran" means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.

An "active duty wartime or campaign badge veteran" means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.

An "Armed forces service medal veteran" means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

Veteran Status

Select... ▾

Voluntary Self-Identification of Disability

Form CC-305   OMB Control Number 1250-0005
Page 1 of 1   Expires 04/30/2026

Why are you being asked to complete this form?

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor's Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your "major life activities." If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- Alcohol or other substance use disorder (not currently using drugs illegally)

- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS
- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders
- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD
- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)
- Neurodivergence, for example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, other learning disabilities
- Partial or complete paralysis (any cause)
- Pulmonary or respiratory conditions, for example, tuberculosis, asthma, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Disability Status

Select... ▼

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

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