



Position	Chemical Data Scientist: Hit Ranking, Medicinal Chemistry and Library Design
Location	Pasadena, CA
Company Overview	<p>Terry Therapeutics is a venture backed biotechnology company headquartered in Pasadena, California. Terry utilizes a novel spatially encoded screening and optimization platform to develop treatments for historically intractable causes of human disease. The Company's platform technology has the industry's highest throughput capacity, broadest target applicability and most comprehensive data output. Our internal development programs are focused on oncology and immunology. In addition to these programs we also work with leading pharmaceutical companies.</p>
Position Summary	<p>Terry Therapeutics is seeking a data scientist with experience in machine learning and chemistry to lead our data science team.</p> <p>Our platform is based on fluorescent imaging of ultra-dense microarrays such that we can measure billions of target/molecule interactions in a day. We have developed proprietary software to perform quality control analysis on the images and then process them to extract the desired values for each location in the microarray. We use this capability to generate binding curves for all of these hundreds of millions to billions of compounds against targets of interest in just a few days.</p> <p>The candidate will lead our implementation of best in class data analysis, including machine learning, to use these binding curves in order to rank molecules for follow up. This will include classifying molecules into chemotype families, ranking for affinity and selectivity as well as likelihood of optimization. The candidate will also lead predictive medicinal chemistry and library optimization. In addition, the candidate will be responsible for managing a team of data scientists to execute both this chemical data science and perform QC on the images and data extraction from the images.</p>
Experience and Qualifications	<p>Given the company's size, anticipated growth and fast-paced environment, the organization requires a Data Scientist who is thoughtful, high energy and can partner with the broader organization to further enhance our next generation drug discovery capabilities.</p> <p>Part of Terry Therapeutics' success is nurtured by a hands-on work environment where everyone is accountable, everyone is vested in a vision of excellence, and everyone actively takes part in the success of the business. Terry Therapeutics supports a positive work environment comprised of engaged employees who feel appreciated, recognized and free to be creative.</p> <p><u>Qualifications include:</u></p> <ul style="list-style-type: none">• PhD involving data science with machine learning• Expertise in synthetic organic chemistry• Scripting and programming expertise in languages such as Python.



She/he will exhibit the ability to work well under pressure to provide results in a short timeframe. The company is looking for a highly responsive, goal-oriented individual who will bring significant energy and drive to solve complex technical problems and help us achieve our mission to advance human health.

Compensation

The Chemical Data Scientist will receive a compensation package, including base salary and equity that is competitive and commensurate with experience.

**Procedure for
Candidacy**

Please send resume and cover letter to:

Eli Berlin

Chief Operating Officer

Email: eli@terraytherapeutics.com