

TITLE: Research Investigator/Principal Investigator, Medicinal Chemistry

REPORTS TO: Senior Director, Medicinal Chemistry

LOCATION: San Diego, CA

Company Description:

Gossamer Bio is a San Diego-based company focused on the discovery and development of novel and differentiated therapeutic products, to address high unmet needs amongst various targeted patient populations.

Summary Description:

We are looking for a creative, resourceful, and highly collaborative scientist to join our medicinal chemistry team. The candidate will have a strong track record in both cutting edge organic synthesis and medicinal chemistry with a demonstrated ability to thrive and contribute in a dynamic, fast-paced start-up environment. The successful candidate will be responsible for both the design and synthesis of small-molecule drug candidates and should be highly proficient in the analysis of diverse data sets to build structure-activity relationships (SAR) to help drive medicinal chemistry strategy. Individuals with an exceptional grasp of the cross-disciplinary drug discovery process, from lead generation to development candidate nomination, are preferred. Excellent written and oral communication skills are required, as is the ability to excel in a collaborative multidisciplinary environment and the ability to effectively manage and mentor direct reports. We are looking for individuals who embrace our core values of putting people and patients first, in a collaborative team environment that encourages growth and learning.

Key Responsibilities:

- Independently design, plan, and execute the synthesis of small-molecule drug candidates
- Design high quality synthetic routes and help solve synthetic chemistry problems to enable access to new chemical space and novel IP
- Efficiently analyze complex data sets to develop a deep understanding of SAR
- Productively interact with cross-functional scientists and communicate results and progress in a multi-disciplinary setting
- Prioritization of chemistry efforts to ensure efficient and timely progression of projects to meet company goals
- Contribute to the day to day running of the lab to ensure a smooth and safe operation
- Stay abreast of the literature in both synthetic organic chemistry and medicinal chemistry, to support company research objectives
- Assist in the preparation of patents, publications, and project planning

Experience and Education Required:

- Ph.D. in synthetic organic or medicinal chemistry with at least 8 years of relevant industry experience
- Strong track record of scientific innovation and success in delivering clinical candidates
- Demonstrated high impact problem-solving as evidenced by publications and patents
- Experience in synthetic methods development, target-oriented synthesis, chemical biology and medicinal chemistry
- Demonstrated ability in all aspects of modern organic and medicinal chemistry, including compound synthesis, parallel library design and synthesis, structure-based design, and analytical and purification methods
- Highly collaborative, self-motivated individual with a strong desire to learn and contribute
- Experience managing and mentoring direct reports preferred
- Experience working with external chemistry teams at CRO's is preferred
- Excellent oral and written communication skills