Senior Research Associate, Medicinal Chemistry

Job Description

As a Senior Research Associate, you will join a cross-functional research team whose goal is to discover curative medicines for life-threatening diseases. With state-of-the-art research facilities and a team of experienced scientists who are passionate about discovering drugs, the Medicinal Chemistry group at Gilead empowers every chemist to take part in the act of invention. In a 1:1 reporting structure, Senior Research Associates collaborate with their scientific mentor to design and efficiently synthesize molecular targets for evaluation as potential drug candidates. In addition to developing custom syntheses, you will be responsible for generating molecular designs by interpreting and integrating biological data. Interactions with colleagues in biology and other disciplines offer new avenues for development and are facilitated through team meetings where all levels of the department join discussions and contribute ideas. Gilead’s core values of integrity, inclusion, teamwork, excellence, and accountability shape our culture and are the foundation of our future success. Challenge yourself and make a difference in the world – Being Here Matters.

Responsibilities and Skills:

- Independently plan and execute multi-step synthetic sequences toward key target molecules, using appropriate purification and compound characterization techniques
- Maintain a high level of scientific integrity and laboratory safety
- Use data from other functional areas including biology and drug metabolism to generate hypotheses and design new targets to test these hypotheses
- Apply independent thinking to resolve synthetic and chemical biology challenges
- Recommend alternatives, research new methods and techniques and proactively seek out others to discuss potential solutions to problems
- Plan and select appropriate methods and techniques for performing experiments
- Analyze and accurately record data using Electronic Laboratory Notebooks
- Participate in and present results at team meetings and the department level
- Demonstrate good verbal communication and interpersonal skills
Qualifications:

- BS with 2+ years of experience or MS degree in Organic Chemistry with 0+ years of relevant industrial experience with synthetic organic chemistry
- Experience planning and executing multi-step synthetic sequences on small and large scale
- Familiarity with modern chromatographic and analytical techniques, including flash chromatography, HPLC, LCMS and NMR
- Familiarity with ChemDraw and literature searching software (SciFinder or Reaxys)
- Strong desire to work in multi-disciplinary teams, learn new skills and proactively solve problems