

Research Scientist, Medicinal Chemistry (Grade 29)

At Gilead, we strive to transform the promise of science and technology into therapies that have the power to cure, prevent or treat disease. We have worked tirelessly to bring forward medicines for life-threatening diseases in the areas of HIV, AIDS, liver diseases, hematology and oncology, and inflammation and respiratory diseases. The way we see it, the impossible is not impossible. It's simply what hasn't been achieved yet. This is how we built a culture of excellence that is fueled by a passion for improving lives of people around the world. We are growing a diverse team of professionals and we need your unique talents, expertise and background to help millions of people around the world live healthier.

Job Description:

As a Research Scientist, 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. Research Scientists collaborate with an experienced 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:

- Responsible for conducting scientific research for the discovery of drugs, the development of drug candidates or the research support of marketed drugs.
- Applies the principles and techniques of chemistry to potential inventions, products and problems.
- Independently plans, executes and proposes experiments that support non-routine research activities and project goals.
- Demonstrates advanced level of understanding of project goals and methods.
- Independently selects appropriate methods and techniques in performing experiments.
- Designs new experiments to advance scientific knowledge of drug substances or techniques to identify such substances.
- Recommends alternatives, researches new methods and techniques and proactively seeks out senior personnel to propose potential solutions to problems.
- May advise Research Associates or members of project teams in the initiation and execution of laboratory experimentation, considering economic and safety factors.
- May lead functional group meetings.

- Presents results of work, interprets data, and draws conclusions regarding presented material and nature of work in a fully independent manner.
- Independently writes technical reports and technical presentations within area of expertise
- Works independently and determines methods and techniques on new or difficult assignments.
- Works on complex problems where analysis of situations or data requires comprehensive evaluation of many factors.
- Serves as an area expert with notable technical depth for projects and for other employees.
- Maintains high level of expertise through familiarity with relevant scientific and technical literature and applies it appropriately to research projects.
- Uses strong communication skills (both verbal and technical) and interpersonal skills to communicate objectives and results.
- Must think critically and creatively and be able to work independently, determine appropriate resources for resolution of problems and have strong organizational and planning skills.
- Thinks critically and creatively and generates ideas and executes those ideas to positively impact project goals.
- Applies the principles and techniques of chemistry to potential inventions, products and problems.
- Works under supervision of more senior scientists or scientific directors to identify and validate targets, advance the development of economical, state-of-the art techniques to develop, produce and/or characterize materials or tools for the discovery and development of new therapeutic agents.
- Plans, designs, implements and analyzes laboratory experimentation to advance scientific knowledge of drug substances or techniques to identify such substances.
- May advise Research Associates or members of project teams in the initiation and execution of laboratory experimentation, considering economic and safety factors.
- Presents results of work, interprets data, and draws conclusions regarding presented material and nature of work.
- Maintains full working knowledge of principles and theories, applying such knowledge to the research direction that supports Company interests.
- Technical proficiency, scientific creativity, and collaboration with others are used to suggest experimental design and research strategy.
- Participates in group meetings. Presents results of work, interprets data, and draws conclusions regarding presented material and nature of work.
- May make contributions to scientific literature and conferences through publication and presentation of research results.
- Presents results of work, interprets data, and draws conclusions regarding presented material and nature of work.
- Maintains full working knowledge of principles and theories, applying such knowledge to the research direction that supports Company interests.
- Technical proficiency, scientific creativity, and collaboration with others are used to suggest experimental design and research strategy.
- Participates in group meetings. Presents results of work, interprets data, and draws conclusions regarding presented material and nature of work.
- May make contributions to scientific literature and conferences through publication and presentation of research results.

Qualifications:

- PhD in Chemistry with 0-2 years of relevant experience.
- BS or MS degree with extensive industry experience.
- Require expertise in Organic Chemistry with an emphasis on synthetic methodology or total synthesis.
- Strong synthetic skills and a solid knowledge of modern organic synthesis techniques.
- Excellent track record and a commitment to tackling drug discovery challenges through organic synthesis.
- Prefer excellent leadership skills, experience supervising junior associates and a strong desire to succeed.
- Require excellent communication skills (both verbal and technical) and strong interpersonal skills.