



## Medicinal Chemist

CMIT is seeking a highly motivated medicinal chemist to join our team.

Primary responsibilities include the design, synthesis, purification, and characterization of small molecules.

The successful candidate will be skilled in the interpretation of data to help inform their strategy and decision making and is expected to function with a high degree of independence while working collaboratively within a multidisciplinary team dedicated to the development of new drug entities.

### **Key Responsibilities:**

- Responsible for conducting scientific research for the discovery of novel drug candidates.
- Applies the principles and techniques of chemistry to potential inventions, products, and problems.
- Independently plans, executes, and proposes experiments that support project goals.
- Demonstrates advanced level of understanding of project goals and methods.
- Designs new experiments to advance scientific knowledge of drug substances or techniques to identify such substances.
- May advise or manage Research Associates, Radiochemistry team members, or members of project teams in the initiation and execution of laboratory experimentation
- 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 on complex problems where analysis of situations or data requires comprehensive evaluation of many factors.
- 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 written, to communicate objectives and results.
- Applies the principles and techniques of chemistry to potential inventions, products and problems.
- Identifies and validates targets, and advances 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.
- Maintains full working knowledge of principles and theories, applying such knowledge to the research direction that supports Company interests.
- Uses technical proficiency, scientific creativity, and collaboration with others to suggest experimental design and research strategy.
- Participates in group meetings.
- Make contributions to scientific literature and conferences through publication and presentation of research results.
- Maintains a safe and efficient working environment.

### **Qualifications:**

- PhD in Chemistry with 4+ years of relevant experience, or an MS degree with 10+ years of 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.
- Excellent communication (both verbal and written) and interpersonal skills.
- Proven ability to think critically and creatively and be able to work independently, determine appropriate resources for resolution of problems and have strong organizational and planning skills.
- Experience in supervising others, including junior associates, leading scientific teams and working in a multidisciplinary environment.
- Ability to analyze, interpret, and present data in clear manner (orally and in writing).

CMIT is focused on developing systemically delivered, tissue targeted diagnostic and therapeutic pharmaceuticals for the diagnosis and treatment of cancer, neurodegenerative disease, and other serious illnesses.

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