

Position: Analytical Scientist, Discovery Chemistry

August 2021

Supervisor: John Zhu **Grade – 6** **Jeff code – 20288**

Location: San Diego

Ferring Pharmaceuticals is a globally recognized, research-driven, biopharmaceutical company with 70 years of history. Headquartered in Switzerland, Ferring is privately owned with over 6000 employees in nearly 60 countries. Within Ferring, the Global Drug Discovery and External Innovation (GDDEI) organization has an aggressive growth agenda to drive scientific excellence and build an early pipeline. The research focus is to discover transformational medicine and advance most promising science, internal or external, in the fields of reproductive medicine & maternal health, uro-oncology, and GI/microbiome.

People Come First at Ferring. The Ferring Philosophy places people at the heart of what we do. This guides our relations with patients, physicians, employees, and other stakeholders. We invite you to share our passion for people and the power of science.

The Ferring Research Institute (FRI) was established in San Diego, California in 1996. More than 70 people work at its state-of-the-art research facility located in the heart of the Southern California biopharmaceutical community.

Summary:

The Department of Discovery Chemistry is a key part of the Global Drug Discovery and External Innovation (GDDEI) organization in Ferring R&D and is dedicated to the delivery of high-quality clinical candidates in all Ferring Therapeutic Areas and modalities. We are currently seeking an exceptional individual to join our team as a Scientist and be based in San Diego.

The successful candidate will enjoy working in a dynamic and collaborative research environment focused on the discovery of small molecule drug candidates with high impact therapeutic potential. Primary responsibilities for this role include: experimental design and implementation of analytical techniques to analyze and purify new chemical entities. Responsibilities will also include maintaining and troubleshooting LCMS and SCFMS systems.

The individual will have a strong background in analytical chemistry and purification of small molecules.

Responsibilities:

- Analysis and purification of medicinal chemistry generated compounds in a high throughput automated environment.
- Collaborating with medicinal chemists to develop optimal purification solutions in accordance with project goals.
- Developing and optimizing standard operating procedures.
- Introducing new methodologies in support of compound purifications and lab operations.
- Providing assistance and supervision of others in the daily attention to preparative and analytical LCMS and SFCMS instruments in chemistry labs, including filling of solvents and running standards.
- Performing maintenance, troubleshooting and open service calls for instrumentation in an open-access environment.

- Performing method development tasks with ability to interpret changes in methodological design with minimal supervision.
- Representing the analytical and purification group at project team meetings

Requirements:

- Ph.D. in analytical chemistry and close to graduation (industrial experience preferred) or a master's degree in chemistry with 4+ years of industrial experience in a relevant setting or a bachelor's degree in chemistry with 7+ years industrial experience in a relevant setting.
- Hands-on experience with LCMS, analytical SFCMS and SFCLC preparative systems
- Advanced knowledge of chromatography principles and experience with method development.
- Ability to navigate and be successful in a fast-paced, highly innovative work environment.
- Effective written and verbal communication skills.
- Demonstrated capability to mentor junior scientists in a matrix environment, build strong relationships cross functionally and with academic and CRO partners.
- Ability to demonstrate a positive attitude, customer-oriented focus and an attention to detail.
- Understanding of drug discovery and medicinal chemistry processes.
- Experience with analysis of complex mixtures of small molecules, and development of separation methods by multiple techniques.
- Advanced knowledge of operation of standard laboratory instrumentation (e.g. liquid handlers, flash chromatography, MS, automated chromatography, SFC, chiral chromatography, NMR, FTIR, etc.), as well as demonstrated capabilities in modern methods of analysis.
- Strong background in informatics and automation.
- Familiarity with Shimadzu SFCMS instrumentation.
- Ability to multi-task and deliver on multiple projects simultaneously.
- Play a key role in the analytical and purification group as a leader and influencer.

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