



Position

- Research Scientist or Senior Research Scientist, Medicinal chemistry

As a Medicinal Chemist, 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 team at CrystalGenomics empowers every chemist to take part in the act of invention. Medicinal Chemists 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 institute join discussions and contribute ideas.

Location: Pangyo, Korea

Job descriptions & responsibilities

- Design of new chemical entities based on analysis of protein structures
- Independently plan and execute multi-step synthetic sequences toward key target molecules
- Appropriate purification using MPLC, HPLC
- Compound characterization techniques using NMR, MS
- Use contemporary analytical tools to analyze data from other functional areas including biology and drug metabolism to generate hypotheses and design new targets to test these hypotheses
- Analyze and accurately record data using Electronic Laboratory Notebooks
- Participate in and present results at team meetings and the department level
- Maintain a high level of scientific integrity and laboratory safety

Qualifications

- Ph.D. in Medicinal/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

- Excellent written and oral communication skills
- Good teamworking abilities
- A logical and inquisitive mind