CrystalGenomics

Positions
- Research Scientist or Senior Research Scientist, Formulation
- Research Scientist or Senior Research Scientist, Analytical chemist

Product Development Center (PDC) performs various activities to develop pharmaceutical products. The PDC supports from the non-clinical stage through pre-formulation of the new drug candidates. In addition, PDC carries out formulation studies, development of analytical methods and manufacturing processes, technology transfer for fabricating pharmaceutical products. PDC also prepares required CMC documents for IND and NDA applications.

Location: Pangyo, Korea

Job Descriptions & Responsibilities (Formulation Scientist)

- Science expert responsible for the recording of the developmental programs designed for the formulation products and performs this job with the help of proper analysis, arrangement, and reassessment of the examination reports.
- Provide professional assistance in the collection, documentation, and survey of CMC validation processes that are related to the NDA / IND filing procedures.
- Maintain latest knowledge and operational information about the trends, improvement methods, and functions of the currently used pharmaceutical drugs.
- Transfer the fabrication technologies to internally or externally in order to manufacture pharmaceutical products for clinical trials or commercialization.
- Organize, design, and arrange the procedures of formal and informal constancy experimentation, scale up fabrication, formulation evolution, ensuring proper functioning of the packaging assessment processes and procedures related to the improvement of formulation calculus methodologies, and the examination and processing of modern drug commodities and materials.
- Maintain up to date knowledge of the concepts of pre-formulation characteristics and excipient qualities of the products.
- Evaluate the apparent outcomes and solutions during the formulation surveys and assess the patent literature investigation methods.
- Provide useful contribution and suggestions for the development of modern and specific techniques and methods related to the conception of formulation. Encouraged to create new formulation systems.

- Responsible for coming up with new techniques and procedures for determining appropriate resolutions for any technical issues that may arise; Also, encouraged to generate useful tools for the same.

Qualifications (Formulation Scientist)

- More than 5 years of relevant industrial experience with a Ph.D. degree in polymer, chemical engineering, chemistry, or pharmaceutical science studies.
- Proficient with mathematical and scientific studies necessary for any formulation scientist for the execution of his or her regular duties.
- Possess in-depth knowledge about the basic and advanced concepts that are related to the materials science and pharmaceutical development studies.
- Familiar with the ICH and GMP regulations and ability to respond and prepare regulatory correspondence.

Job Descriptions & Responsibilities (Analytical Chemist)

- Develop analytical methods for new pharmaceuticals and perform method validations with a good knowledge of cGMP instructions.
- Prepare CMC documents and regulatory correspondence for IND and NDA applications.
- Transfer newly developed analytical methods internally or externally in order to evaluate pharmaceutical products.
- Review all documents for raw data and reports for pharmaceutical products and perform date integrity review.
- Manage project teams for analysis of pharmaceuticals and products with GMP guidelines.
- Perform analytical testing in support of ongoing R&D and process development projects.
- Support product failure analysis activities.

Qualifications (Analytical Chemist)

- More than 5 years of industrial job experience with a Ph.D. degree in polymer, chemical engineering, chemistry, or pharmaceutical science studies.
- Familiar with the ICH and GMPs regulations and ability to respond and prepare regulatory correspondence.
- Possess experience preparing CMC documents relating to IND and NDA applications.