

JOB DESCRIPTION

Designation: Senior Research Associate / Associate scientist

Job Location: Bangalore

Department: Discovery Biology

About Syngene

Incorporated in 1993, Syngene International Ltd. is an innovation-focused global discovery, development and manufacturing organization providing integrated scientific services to the pharmaceutical, biotechnology, nutrition, animal health, consumer goods and specialty chemical industries around the world. Syngene's clientele includes world leaders such as Bristol-Myers Squibb, Baxter, Amgen, GSK, Merck KGaA and Herbalife. Its innovative culture is driven by the passion of its 4240- strong team of scientists who work with clients from around the world to solve their scientific problems, improve R&D productivity, speed up time to market and lower the cost of innovation.

Job Purpose:

The in vitro pharmacology group is seeking a highly motivated, qualified and innovative scientist to establish and drive data analysis of imaging based technologies to support programs in immunology, oncology, cardiovascular and fibrosis therapeutic areas. The applicant must have a strong background in immunology and have hands-on experience in working on imaging-based assay platforms (High content, flow cytometry, fluorescence microscopy). The candidate is expected to develop high throughput digital analysis algorithms to support big data analysis of imaging data. The candidate should have excellent oral and written communication skills, must be a strong collaborator and be able to handle multiple projects simultaneously.

Key Responsibilities:

- Assist in developing digital analysis algorithms on big data generated from bioimaging, with emphasis in deep learning-based image analysis and informatics
- Conduct tissue-based biomarker analysis to support discovery and translation

Educational Qualification:

- MTech (or Engineering) in immunology, tumor immunology, or biophysics is required-with a minimum of 4-5 years research experience.

Technical/functional Skills:

- Proven expertise with analysis of multi-parametric high-content screening, flow cytometry, imaging cytometry or other relevant multiplexed assay methods is a must
- Hands-on experience with "big-data" analytics or deep learning for bioimaging is a plus
- Knowledge in biomarker analysis and immunohistochemistry is a plus

Experience:

- Minimum of 4-5 years research experience.

Behavioral Skills:

A proactive team player.

- Ensure completion of experiments and generate accurate and reproducible data from experiments.
- Ability to work independently, prioritize tasks and work on multiple projects simultaneously with; comfortable working in a dynamic environment with changing requirements.
- Good oral and written communication and presentation skills to work in a multi-disciplinary team

Equal Opportunity Employer:

It is the policy of Syngene to provide equal employment opportunity (EEO) to all persons regardless of age, color, national origin, citizenship status, physical or mental disability, race, religion, creed, gender, sex, sexual orientation, gender identity and/or expression, genetic information, marital status, status with regard to public assistance, veteran status, or any other characteristic protected by applicable legislation or local law. In addition, Syngene will provide reasonable accommodations for qualified individuals with disabilities.