

JOB DESCRIPTION

Job Location: Bangalore

Department: Discovery Biology & Translational Sciences – Image Analyst/ Information Analyst (Digital Pathology)

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:

Lead digital pathology informatics/ image analyst requirements at BBRC

Key Responsibilities:

1. Highly-motivated research scientist with extensive experience in image analysis and feature extraction of H&E and/or immunohistochemistry (IHC) stains.
2. This position will use cutting-edge pathology image analysis and bioinformatics approaches to understand mechanism of action (MoA) and identify novel tissue-based biomarker using advanced IHC imaging of patient tumors; and will collaborate with pathologists, biologists, and other bioinformaticians to apply their findings to target identification and patient selection questions for new cancer therapies.
3. The successful candidate must have experience in utilizing pathology image analysis software in the quantification of IHC staining expression, including tumor/stroma classification and cellular feature extraction.
4. The candidate should be able to perform statistical analyses and data visualization using data analysis packages such as R, Python, and/or MATLAB.

Educational Qualification:

Ph.D. or MS in Biomedical Engineering, Bioinformatics, Computer Science or related discipline.

Technical/functional Skills:

1. Prior experience working within the biotech/pharma industry, processing and analyzing digitized pathology whole slide pathology images
2. Fluent in one or more digital pathology analysis software packages; including HALO, Visiopharm, Definiens, Inform and/or Aperio Image Analysis
3. Excellent programming skills in one or more analytics packages such as R, Python and/or MATLAB
4. Knowledge of various digital imaging scanner and/or experience imaging chromogen and fluorescent stains is desired
5. Prior experience in developing image analysis algorithms in feature extraction of tumor, stroma, and various cell types through stains and morphometric features is desired

6. Strong problem-solving and collaboration skills, and rigorous and creative thinking
7. Excellent written and oral communication skills, including an ability to collaborate effectively with lab scientists and pathologists

Experience:

4 to 7 Years relevant experience in Pharma/ Biotech/ R&D

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.