



Group Leader - Immunology/Inflammation (Invitro Biology)

Department: Discovery Biology (Invitro)

Location: Bengaluru

Desirable Qualification: Ph.D (Immunology/ Life Sciences) + Post doc; with an experience of 5-7 years in drug discovery industry/ CRO in leading immunology/ inflammation projects and with good interpersonal and communication skills

Experience required:

- Excellent cross functional experience such as Drug discovery, assay development and validation for various drug targets.
- Ability to critically analyze, organize, communicate, and present complex data sets to key stakeholders from diverse backgrounds.
- Meticulous organization skills with regards to planning, executing, reviewing and interpreting data obtained from various in vitro experimentation.
- Multidisciplinary knowledge, project management and organizational skills. Technical expertise in cell and molecular biology.

Key responsibilities:

- Target identification and validation for new drug targets in Immunology/ Inflammation areas in biology.
- Leading group of scientists for on-going internal and clients-related projects in the respective therapeutic area.
- Providing strong scientific and technical leadership in the design, execution, analysis and interpretation of a broad range of assays, elucidate mechanism of action at the molecular and cellular level, and understand disease biology.
- Providing cross functional co-ordination & leadership to the respective scientific platforms for preclinical screening and lead optimization, characterization of novel chemical entities as potential candidates for development.
- Managing the development and optimization of animal models for respective therapeutic area.
- Highlighting the pathophysiology of the disease, rationale of the animal model, methodology & summarizing the observations & results of multidisciplinary research groups, for internal communications and Various SOPs.
- Evaluating the mechanism of action of new NCEs and clinical drugs.

- Serving as a project leader on a late discovery program and responsible to drive program from hit-to-lead-to-IND
- Independent assay development and validation. Undertaking new assays development for Projects.
- Managing drug discovery in Biology from target selection to clinical candidate selection.
- Highlighting and summarizing the observations & results of multidisciplinary research groups, for internal communications and Various SOPs.
- Supporting the Biology Head in their various aspects such as building biology capabilities, and other functional initiatives that span across the organization from the Discovery Biology perspective.
- Supporting for implementing guidelines for good lab practices in biology, building and expanding biology capabilities including new technology.
- Mentoring junior scientists, team management and writing scientific reports, SOPs, and manuscripts.
- Leading a team of 4-5 scientists involved in Identifying novel targets for respective Therapeutic areas and target validation.
- Manage the team and supporting the discovery projects and troubleshooting the Biology related problems during drug discovery.
- Mentoring juniors to train them for ongoing in vitro studies and research technologies.
- Guiding the people/team on planning and execution of work and SOP writing.