



## Medicinal Chemistry – Group Leader

**Department:** Discovery Chemistry

**Location:** Bengaluru

**Desirable Qualification:** Ph.D (Organic Chemistry) with a Post Doc (Medicinal/Organic Chemistry).  
9-15 years of post Post-Doc Industrial experience in drug discovery industry/ CRO in synthesis or medicinal chemistry department with good interpersonal and communication skills.

**Experience required:**

- Should have relevant scientific experience of working in Drug Discovery process and in the design of novel chemical entities (NCEs).
- Ability to manage processes of maturing a target candidate from TTH to LO using different techniques and skills like high throughput screening, rational drug design, chemical tools and structure based design.
- Should have peer reviewed publications and presentations in areas related to drug discovery and development.

**Key responsibilities:**

- Independently manages and directs the drug designing and synthesis efforts in projects and is accountable for the success of these projects.
- Responsible for optimal utilization of resources in the specific project team through monitoring, measuring and reporting on scientific issues, opportunities and developmental plans and achievements within agreed formats & timescales.
- Responsible for driving career advancement plans, objective / goal setting, deciding on the Goals and Objectives for team members in conjunction with his / her Reporting Manager.
- Ensure adherence to the various policies & processes in his / her project team independently or in conjunction with his / her Reporting Manager.
- Manages and drives the project through interdepartmental coordination and communications.
- Manages Customer Relationship through project status update and strategy formulation by working closely with his / her Reporting Manager.
- Develops and advances novel molecules with a complete understanding of scientific aspects.
- Planning and implementation of novel approaches to drug discovery and development independently or in conjunction.
- Driving SAR for novel chemical series in multiple or at least 2 disease areas Independently or in conjunction.
- Deploy modern methods of medicinal chemistry, parallel chemistry and Analytical methods in discussions with the Function Head or Reporting Manager.
- Ensures that all project members are practicing SOPs and EHS guidelines.

Dr. Ajay Kumar Mandal brings with him over 18 years of expert knowledge in Medicinal and Process Chemistry with experience on a wide spectrum of programmes. He has experience in Lead selection, Lead hopping, Overcoming Pharmacokinetics and IP issues. He has good understanding of structure-based drug design (SBDD). He has contributed to the synthetic & medicinal Chemistry effort on a wide range of programmes that led to development candidates, dealing with a variety of structural motifs.

**Education Qualifications:**

Ph.D from University of Cambridge, United Kingdom in 1999.

Post doctoral fellow from ETH, Zurich, Switzerland in 2002.

Post his Post-doc he has been associated with Takeda Cambridge (England) | Evotec Ltd, Oxford (England).

He is presently associated with Concept Life Sciences (England) as a Research Leader.

**Brief Profile:**

Dr. Joseph Cherian brings with him over 15 years of experience in drug discovery wherein he led multiple projects in collaboration with multinational companies and other academic institutes. He has expertise in Designing, Synthesis, Hit finding, Lead identification and Optimization,

**Education Qualifications:**

**Ph.D from National Chemical Laboratory, Pune in 2003.**

**Post doctoral fellow from The Rockefeller University, New York in 2005.**

Post his Post-doc he has been associated with Advinus Therapeutics | MerLion Pharmaceuticals | Novartis Institute for Tropical Diseases | Experimental Therapeutics Centre.

He is presently associated with Experimental Drug Development Centre, Singapore as a Group Leader.