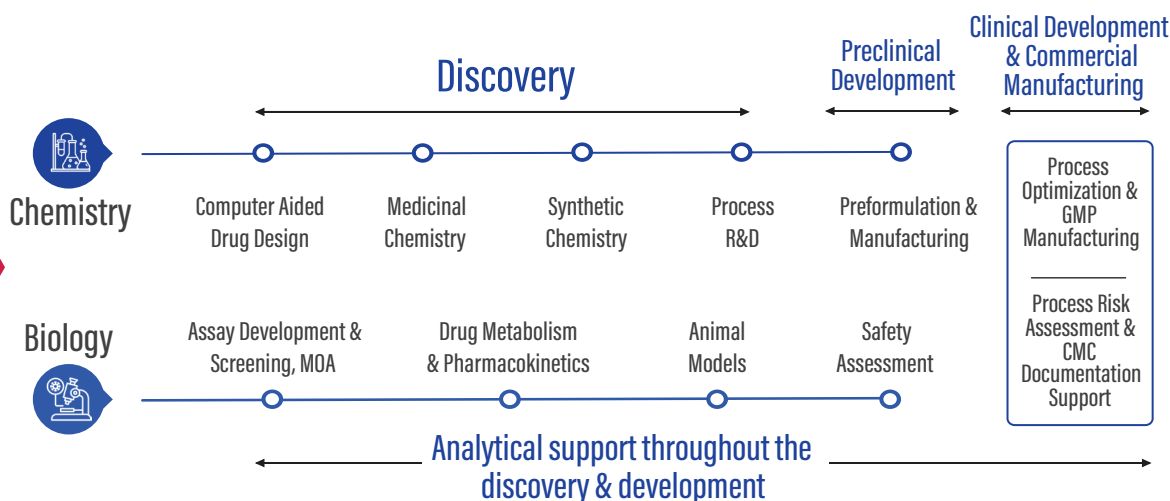


Integrated Drug Discovery and Development to Commercialization

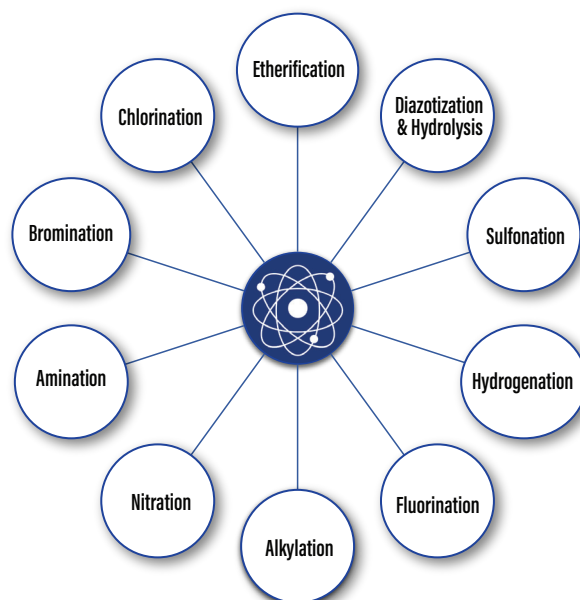


The Approach

- ▶ Literature + AI backed design of experiments
 - ensures productivity
- ▶ Seamless integration across R&D to manufacturing
 - Continuous Flow Technology (R&D, Engineering, and Manufacturing) coexisting within the GMP site
- ▶ Efficient sourcing of raw materials - more than 80% of the raw materials are sourced locally

The Results

- ▶ 30% faster than their peers across the value chain of drug development - validated by to mid-size to virtual companies who have used multiple CROs/ CDMOs
- ▶ 25% more economical than their peers
 - a combination of productivity and lean structure



Experience with handling Peroxides (Oxidation), LiBH_4 , and carrying out cryogenic reactions using BuLi

RSM, KSM, and Building Blocks

- ▶ High energy chemistry
- ▶ Local sourcing of raw materials- creating sustainable supply chain
- ▶ Flexible manufacturing capacity

Process R&D FTEs

- ▶ Synthetic organic
- ▶ High throughput support
- ▶ Process safety and scale-up lab support

GMP Manufacturing

- ▶ Clinical supplies
- ▶ USFDA audited manufacturing site
- ▶ Commercial manufacturing



Total Area:
17,401 Sq. M

Built-up Area:
8,406 Sq. M

Total Reactor volume: ~163KL

8 Production Blocks For Intermediates and 5 Clean Rooms

Based in Hyderabad India

Hydrogenation and Cryogenic Capability

