



CDMO Services

Your CRDMO Partner in Science



Our Vision

To be the leading Partner in Science globally, providing integrated drug discovery, development and manufacturing solutions that enhance patient well-being.

Our Promise

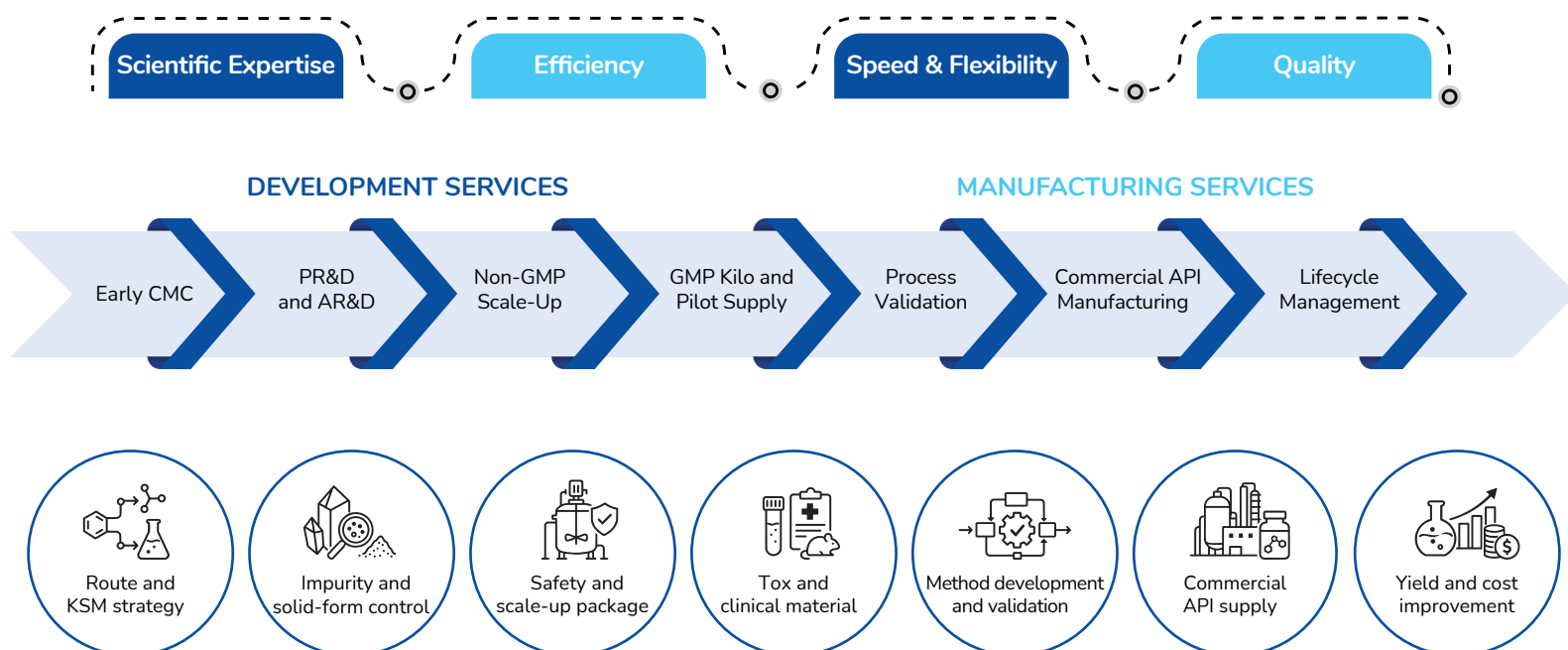
We care for the environment and society while creating value for customers through quality, innovation, operational excellence and responsible investment.



Explore our
CDMO capabilities



Jubilant Biosys supports small molecule programs from early CMC through clinical and commercial API supply. Integrated PR&D, analytical, process engineering, scale-up and GMP teams reduce transfer risk and ensuring program continuity.



One dedicated project management team across all stages.

PR&D

- Route scouting and process design
- Complex multistep and chiral synthesis
- Stereoselective chemistry and biotransformation
- High-pressure and low-temperature chemistry
- Flow chemistry
- Process intensification
- Digital retrosynthesis and HTE
- Kilo-lab development in 5 L, 10 L and 20 L reactors
- Biocatalysis and enzyme-enabled synthesis

AR&D AND SOLID STATE

- Method development, validation and tech transfer
- Impurity profiling and structural elucidation
- Salt and polymorph screening
- Forced degradation and ICH stability studies
- Nitrosamine and genotoxic impurity methods
- Reference and working standard qualifications



PROCESS ENGINEERING AND SAFETY

- Reaction calorimetry and thermal screening
- Heat and mass-transfer assessment
- Safe operating-window definition
- Equipment fit and scale-up studies
- DoE/QbD robustness studies
- Dynochem® scale-up modelling

Reaction and safety: RC1e, FBRM, DSC, ARC | Isolation and drying: ANF, VTD, FBD, spray dryer

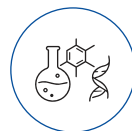
Structural and solid state: NMR, XRD, FT-IR Chromatography and MS: HPLC, HRMS, LC-MS, GC-MS, GC-MS, ICP-MS, UPLC

Integrated R&D Support at Our Nanjangud Manufacturing Site

Our on-site R&D centre brings process chemistry and analytical teams closer to GMP manufacturing, enabling faster troubleshooting, smoother technology transfer and timely operational support.



Experienced team
of process and analytical scientists,
including PhDs



Expertise in complex chemistry,
including chiral separations,
low-temperature reactions,
biotransformation, stereoselective
synthesis and flow chemistry



Advanced analytical platforms
including NMR, XRD, LC - HRMS,
LC-MS/MS, GC-MS and ICP-MS



Seamless integration with
Quality, Regulatory Affairs,
Supply Chain, Project Management
and Manufacturing

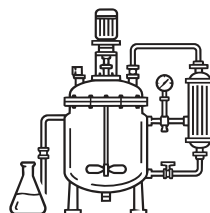


Dedicated DoE/QbD capability
to improve process robustness
and support scale-up

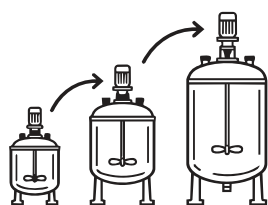
Early CMC Scale-Up and GMP Clinical Supply



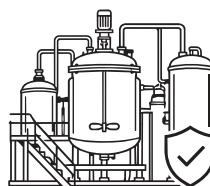
GMP Kilo Lab
100 g-1 kg
batch size



Pilot Plant
1-20 kg low-volume
API support



**Non-GMP
Scale-Up**
Up to 25 kg
material generation



GMP Manufacturing
100 g – 1 MT batch range

GMP KILO LAB

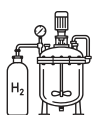
- Low-volume clinical-trial API supply
- GMP trials and validation
- 10 L and 30 L Hastelloy reactors
- 10 L all-glass reactors
- Independent temperature-control unit
- 5 L Nutsche filter and two-tray VTD



PILOT AND SCALE-UP CAPABILITIES



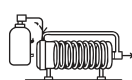
50-500 L
reactors



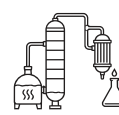
Hydrogenation



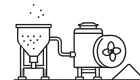
Cryogenic reactions



Continuous-flow
coil reactor

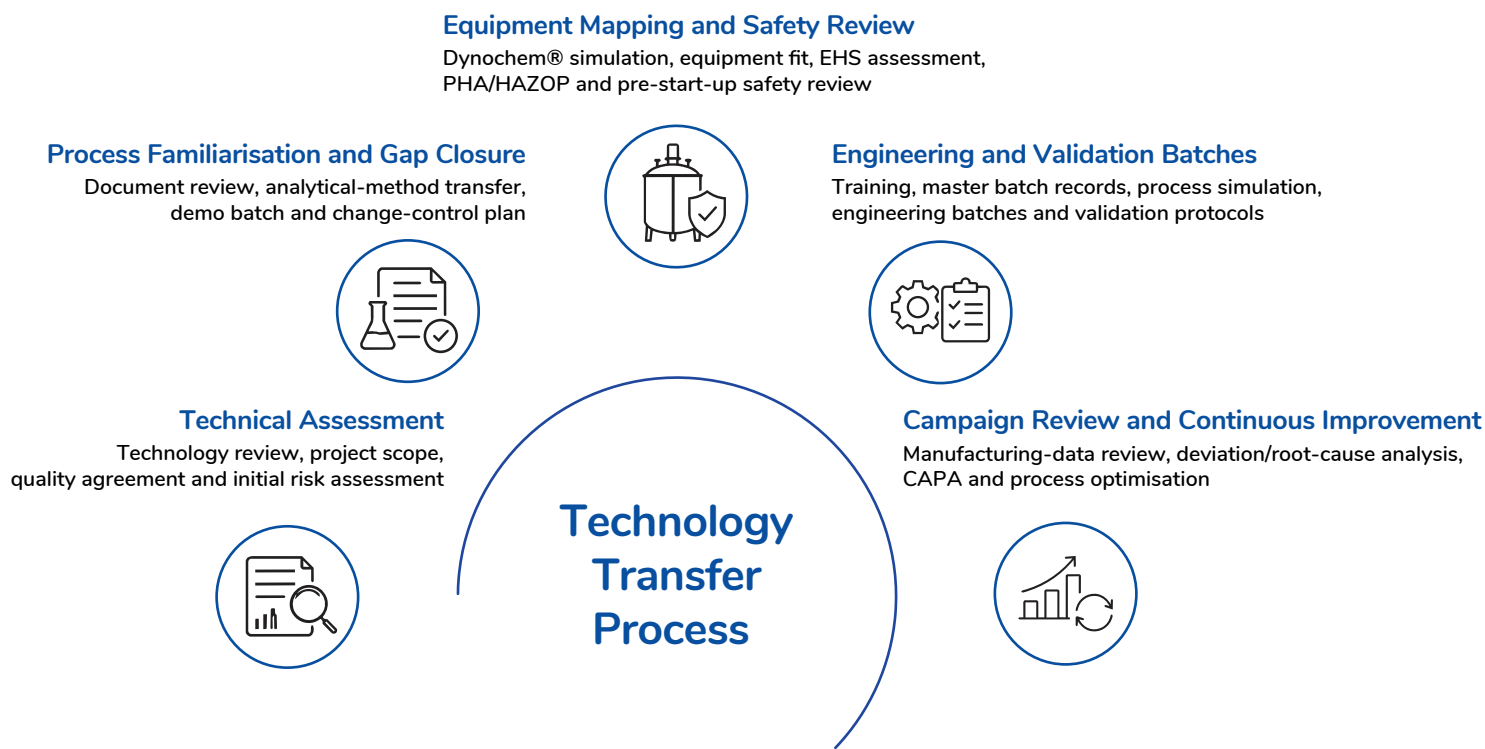


Distillation
and solvent swap

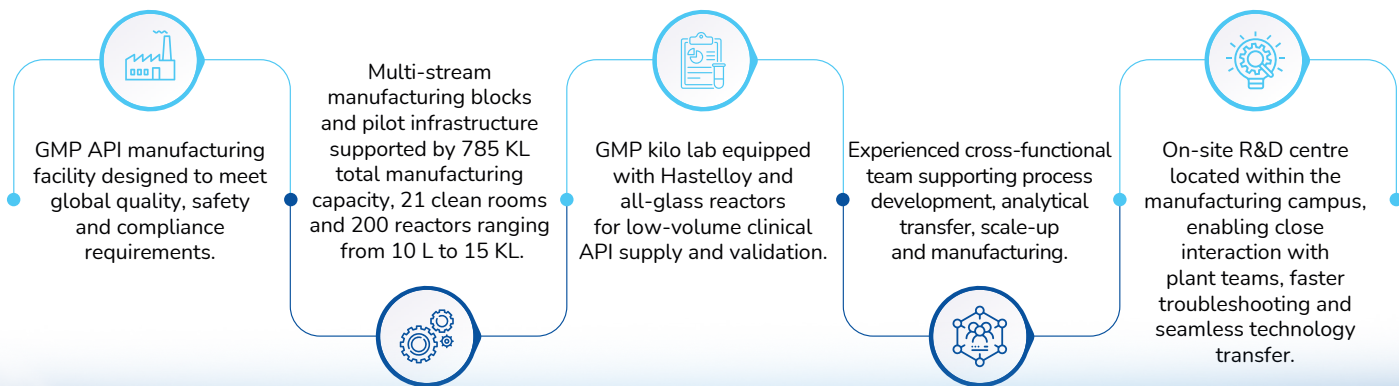


Filtration, drying, milling
and size reduction

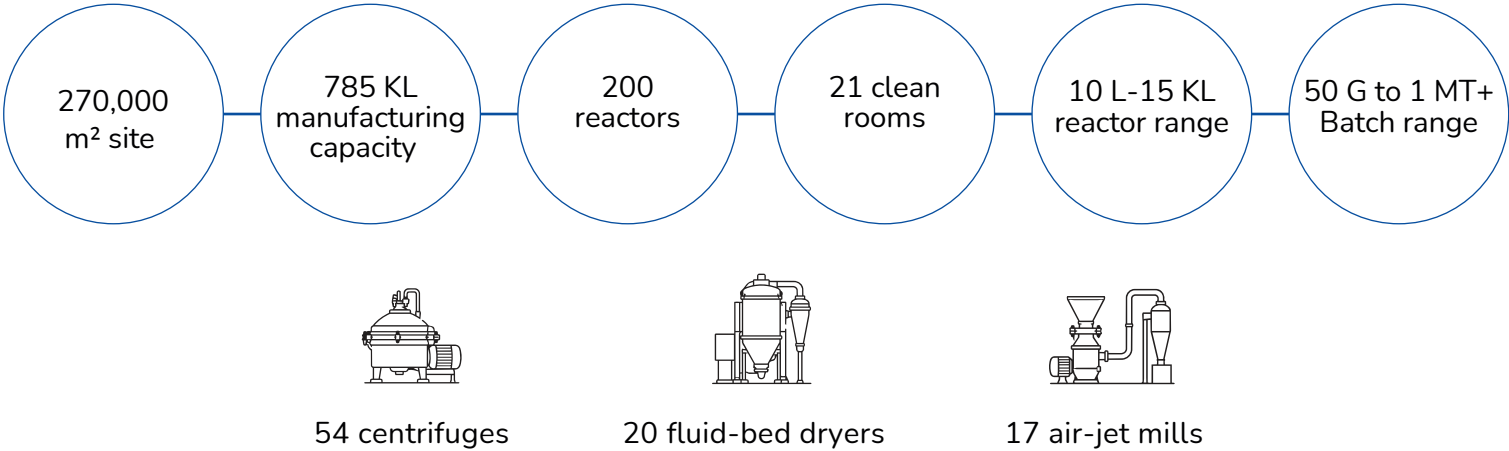
Integrated Technology Transfer from PR&D to GMP Manufacturing



The 270,000 m² Nanjangud site integrates process R&D, analytical development, GMP kilo-lab and pilot capabilities with multi-stream commercial API manufacturing, supported by on-site QC, QA, EHS and supply-chain functions.



GMP API Manufacturing at Nanjangud



Multi-purpose GMP API manufacturing supports clinical and commercial supply across stainless-steel, glass-lined and Hastelloy reactor trains. Integrated isolation, drying, milling and crystallisation capabilities support complex small molecule processes.



On-site QC, stability and analytical teams support method transfer, release testing, impurity control and lifecycle requirements. Manufacturing facility inspected by global regulatory authorities.



One Accountable Team from Kick-Off to Close-Out

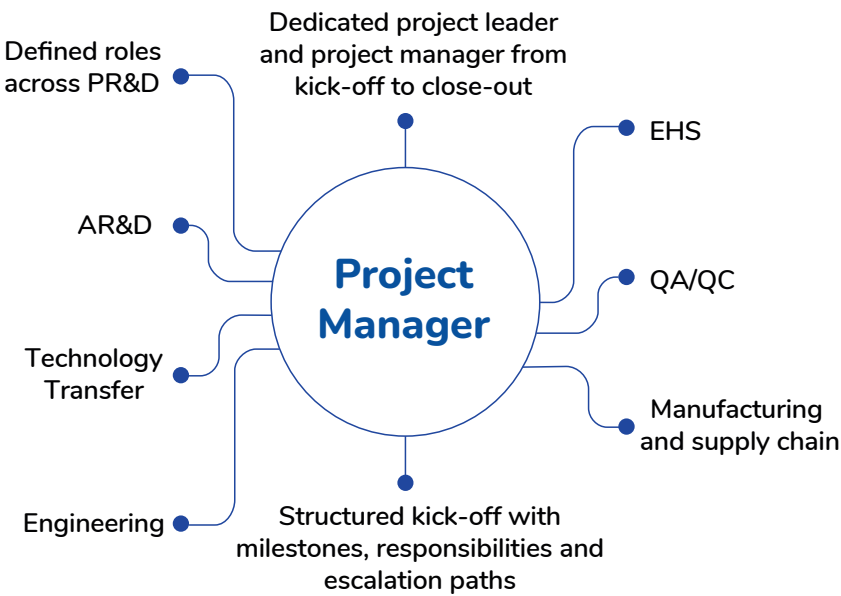
Cross-functional governance, clear communication and disciplined follow-through keep programs aligned from kick-off to close-out.

- Communication model matched to client requirements
- Regular progress updates, action tracking and milestone reviews
- Single point of contact for issue escalation and decision coordination

Deliverable confirmation and formal program close-out
Manufacturing-data review and lessons learned
Customer feedback incorporated into continuous improvement

Better alignment | Fewer surprises
Faster decisions | Continuity across transfers

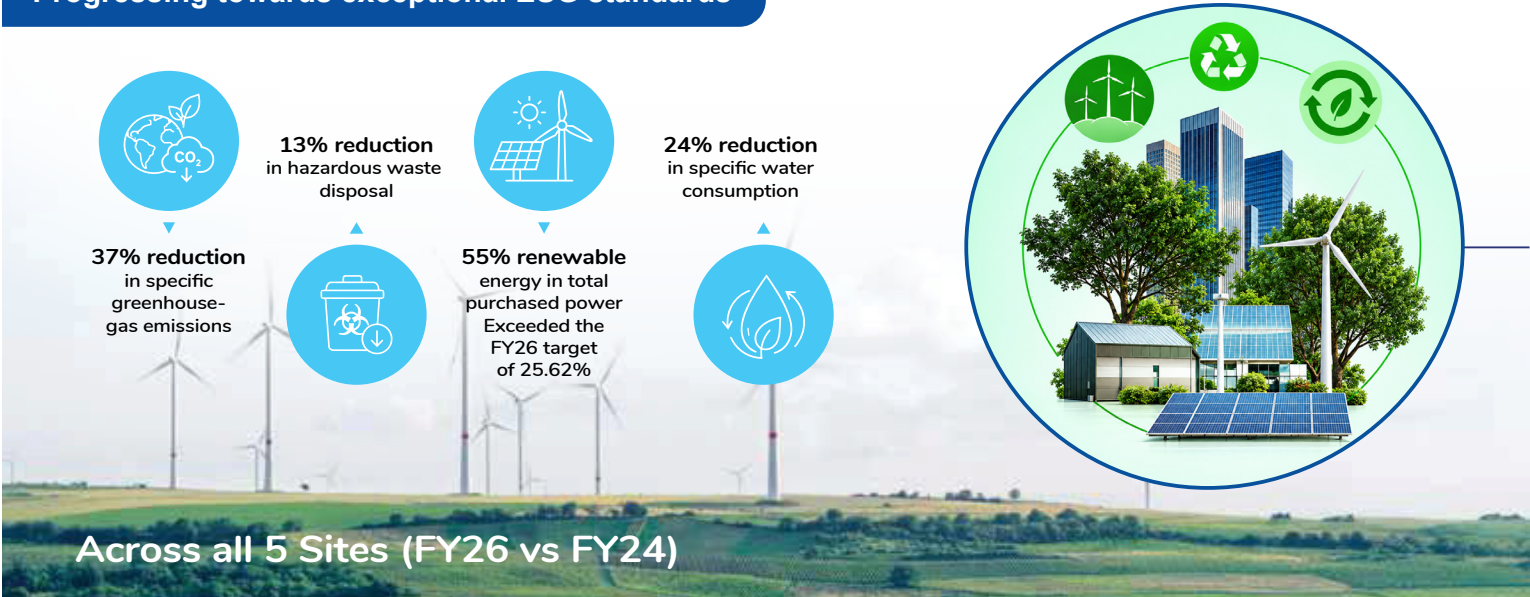
Technology Transfer | AR&D | Process Engineering and EHS
QA/QC | Manufacturing | Supply Chain



Advancing Sustainability Through Measurable Impact

Sustainability is embedded across our operations through emissions reduction, resource efficiency, responsible waste management and employee development.

Progressing towards exceptional ESG standards



Why choose Jubilant Biosys for CDMO projects?

- 20+ years of manufacturing experience across clinical and commercial API programs
- Integrated process R&D, analytical development, scale-up, GMP manufacturing and lifecycle support
- Batch flexibility from 100 g in the GMP kilo lab to 1 MT at manufacturing scale
- Reactor capability from 10 L to 15 KL across stainless-steel, glass-lined and Hastelloy systems
- Advanced analytical capabilities including NMR, XRD, LC-HRMS, LC-MS/MS, GC-MS and ICP-MS
- Dedicated project management and cross-functional governance from kick-off to close-out
- On-site Regulatory Affairs, Quality, EHS and supply-chain support
- Global regulatory inspection track record and a strong focus on reliable, responsible supply

Our World-class Infrastructure

Chemistry Innovation
Research Center,
Greater Noida, India



Integrated Drug
Discovery Center,
Bengaluru, India



Center of Excellence
for XDCs & mAbs,
Saint-Julien-en-Genevois, France



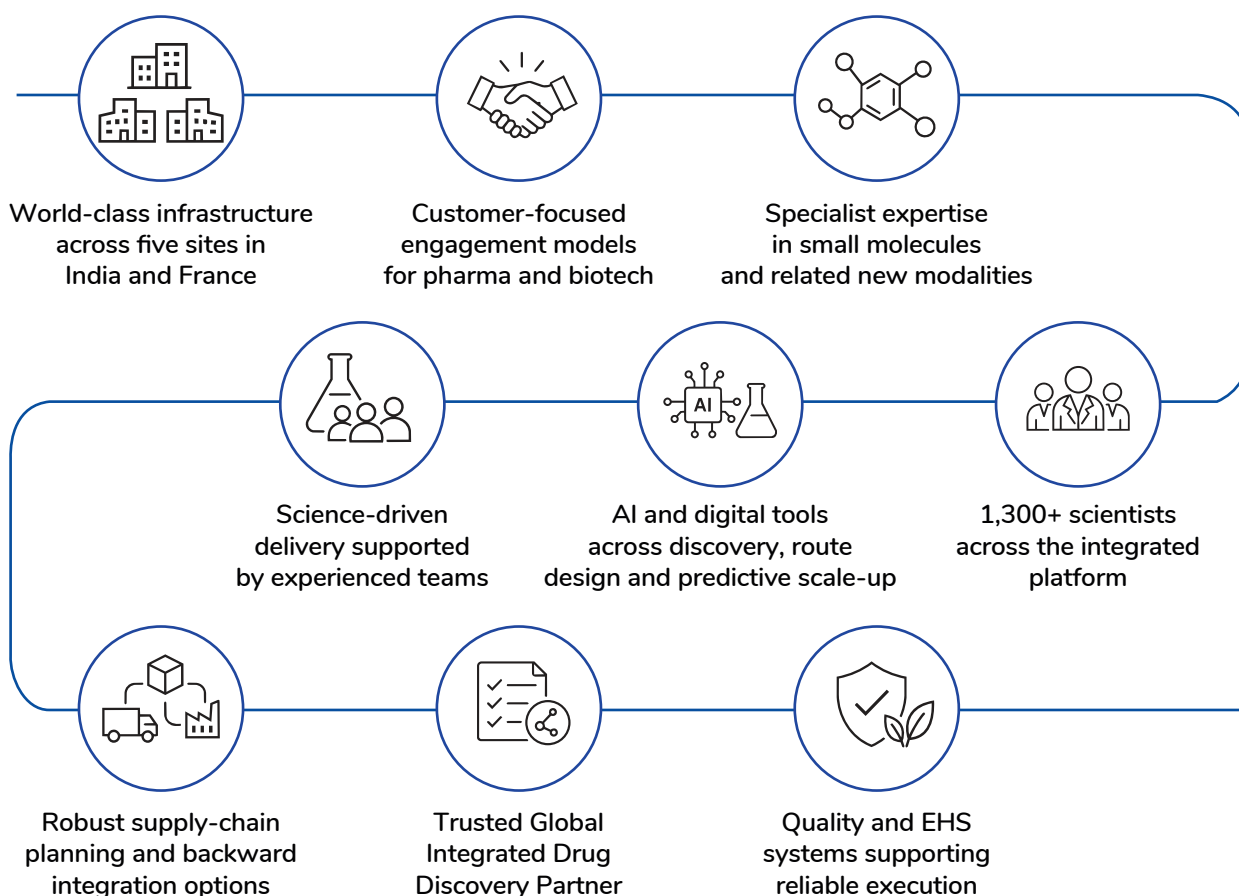
Center for
Advanced PR&D and
Scale-Up, Noida, India



CDMO & API – GMP
Manufacturing Facility,
Mysuru, India



Integrated Expertise. Proven Execution



20+
years



350+
customers



2400 +
Employees



100+
IDD programs



5 sites
across India and France

Discuss your next development or manufacturing program

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