



Biologics Services

Concept to Commercial
End to End Integrated CRDMO Partner

25+
years
of experience

30+
countries

6
Biologics
commercialized



Discovery



Process
Development



Commercial
Manufacturing



Discovery Services

End to end integrated collaboration for biotherapeutics



Modalities



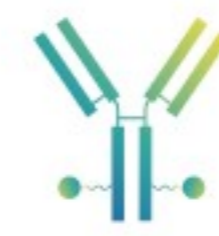
Monoclonal Antibodies



Bi- & multi-specifics



Immuno-fusion proteins



Antibody drug conjugate



Other advanced modalities

All major antibody discovery platforms — under one roof

Hybridoma Platforms

Single B-cell platforms

Display (phage) Platforms



Guided immunization design



High fusion efficiency



Early monoclonal recovery



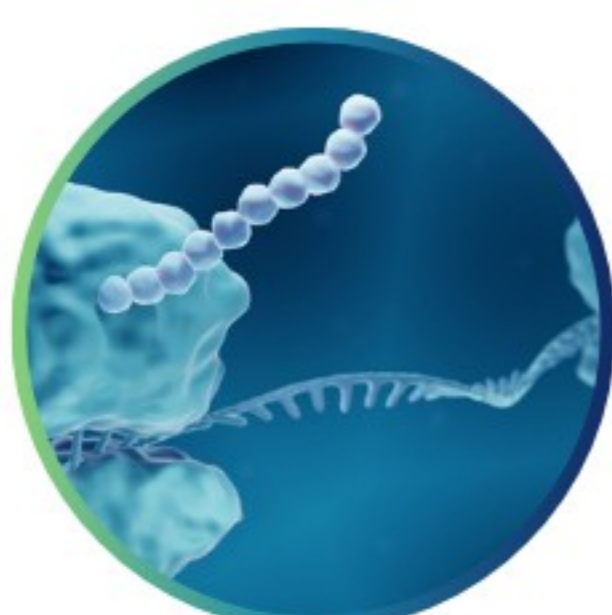
Parallel antigen strategies



Tailored screening funnels

Why Aurigene Discovery Services?

Supported by world-class talent & infrastructure



Faster Gene to Protein Workflow (Incl. Complex proteins)



CRISPR/Cas-9 Genome Editing



Real-time project tracking

Development and Manufacturing Services

Gene to IND Enabling in 10 months



25KL Capacity with 1KL & 2KL SUBs



Higher titer volume up to 10-12gm/L



N-1 Perfusion Process Intensification specialty



Seamless Integration across 3 Development Sites

Our Experience with different molecules



Bispecific Antibodies (bsAbs) - 04,



Monoclonal Antibodies (mAbs) - 01, Proteins (P) - 02



Cell Line Development, Cell Banking (MCB/WCB)



Process Development Analytical, Scale-up



GMP Supply (DS / DP) for Early-Phase Clinical Trials



Process Validation, Late-Stage Trials



Commercial Manufacturing

mAbs Bispecifics Biosimilars Recombinant Proteins Immuno-fusion Proteins

Support Service and not full suite

Customized bioreagent generation, Developability & Manufacturability Assessment

Process Characterization

Analytical Services

Developability Studies

Stability Studies

Formulation Development

1. Ambr250® platform for upstream process development- synergies to reduce time to IND
2. Fully automated AMBR250® 24 units, integrated to NOVA Flex-2 & Vi-Cell
3. Multifactorial DOE to screen process parameters like- pH, DO, Temp, agitation

Facility centres

Biologics Campus

Large Scale/Commercial cGMP Manufacturing



Genome Valley Facility 1

Process Development & pilot/Clinical Scale cGMP Manufacturing (200L reactors)



Genome Valley Facility 2

Large scale cGMP Manufacturing (1 & 2KL reactors)



R&D Campus (HQ)

Biologics Discovery Services



ESG / Sustainability

Aurigene as a wholly owned subsidiary of Dr. Reddy's Laboratories adopts the ESG goals of our parent company. Dr. Reddy's has been committed to sustainability, diversity and equality for over two decades and has been honored with numerous accreditations and awards.



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH



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