APELOA

Providing Integrated Solutions

From Discovery to Commercial Production

Apeloa: Fully integrated CDMO services to accelerate your small molecule from discovery through clinical and commercial supply

3 R&D Centers:

Hengdian, Zhejiang

Boston, USA

Pudong, Shanghai

DISCOVERY → PRE-CLINICAL → PHASE 1

Discovery Process Chemistry & Technology

- Lead Optimization
- Library Platform
- Synthetic Route Scouting
- Kilo Scale-up
- PROTAC and Molecular Glue Platform
- Peptide Synthesis by SPPS/LPPS
- ADC Conjugate and Linker-Payload Platform

Chemical Process R&D

- Synthetic Route Design and Selection
- Process Method Development, Optimization, and Validation
- Analytical Method Development and Validation
- Scale-up for Demo Batch

Lab to Commercial Scale Production

Apeloa's production capabilities span 3 state-of-the-art R&D facilities and 10+ diversified manufacturing sites in both China and the US.

High Potency Workshop

HPAPI facility for lab and commercial scale suitable for substance OELs down to < 2 ng/m^3. Small reactor area includes 39 isolators and large reactor area holds 7 bays for API, intermediates, and RSMs.

Flow Chemistry

10+ years experience in flow process development and a dedicated team to provide flexible services from lab to production scale (g to MT). Reactors include Tubular Reactor, MRT, CSTR, and Photoreactor.

Peptide Synthesis

SPPS/LPPS, purification, lyophilization for peptides and cyclic peptides at the R&D and production scale. Advanced analytical capabilities for peptide characterization.

We are committed to continuous investment in science and technology to strengthen our development capability and improve production efficiency. Our effort is dedicated to the assurance of service quality exceeding high industrial and regulatory standards, cost saving for clients, and product delivery with quick turn-around time.

30+
YEARS PROVIDING SMALL MOLECULE SOLUTIONS

8+
MANUFACTURING SITES cGMP/GMP

11,000m³+
CHEMICAL REACTOR CAPACITY

18
US FDA ONSITE INSPECTIONS

PHASE 2 → PHASE 3 → COMMERCIAL

Clinical Support & Commercial Production

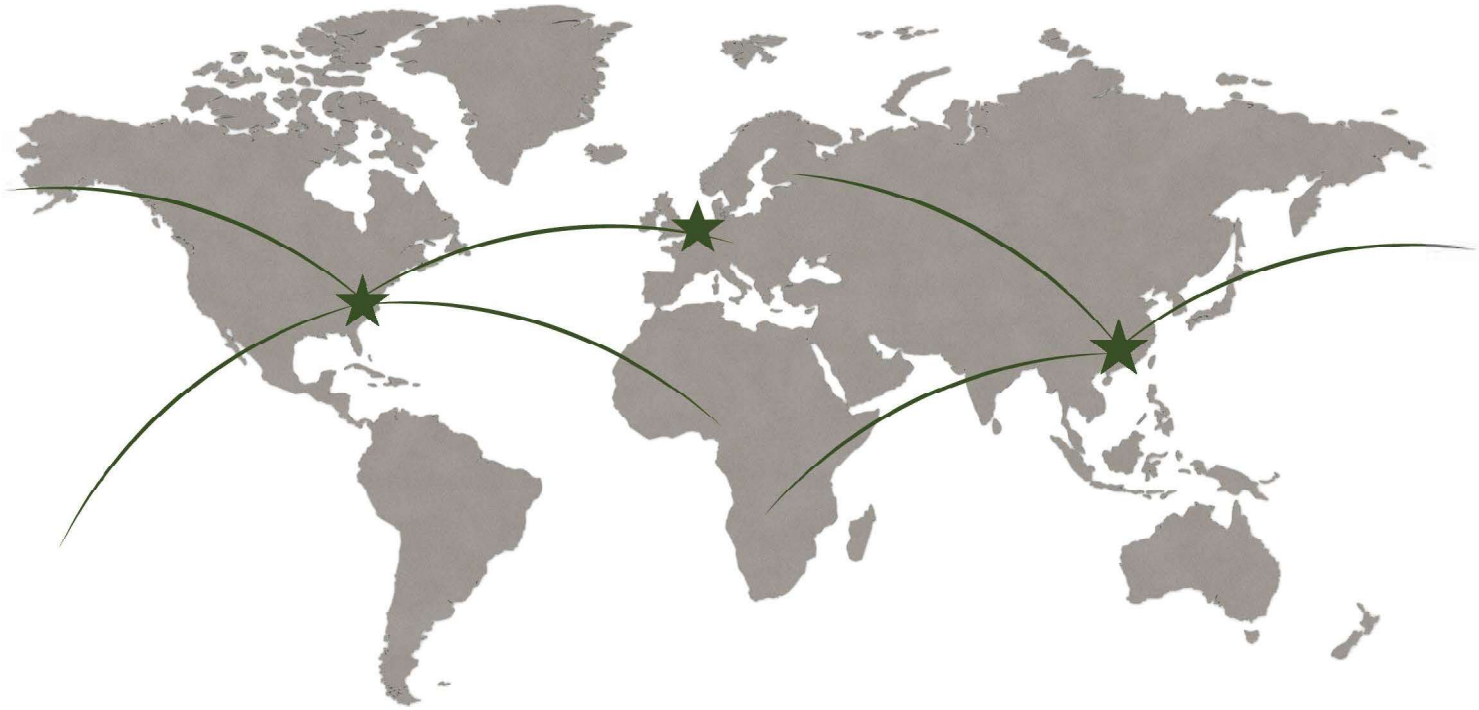
- Process Tech Package Development
- Pilot Scale-up
- QbD Experience
- Tech Transfer
- GMP/cGMP Manufacturing
- Analytical Validation and Process Performance Qualification
- Regulatory Support
- High EHS Standards and Designated Waste Treatment Facility


Synthetic Biology
Capabilities include strain improvement & optimization, fermentation process development & optimization, DSP optimization, and enzyme screening, evolution, and process optimization.

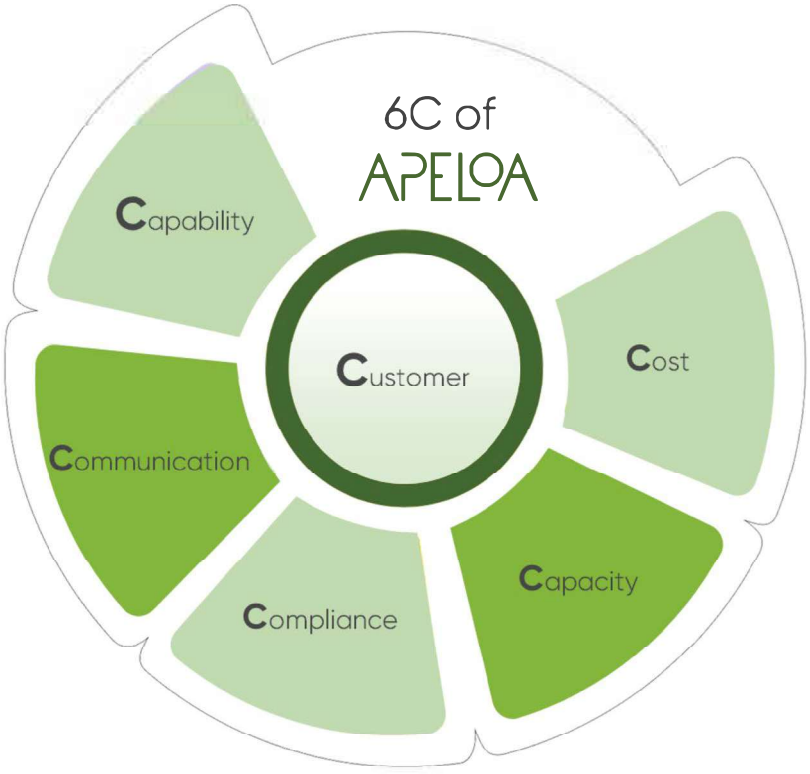
Crystallization & Particle Engineering
Includes early solid form screening, crystallization development, optimization & scale-up, and chiral resolution. Spray drying, wet mill, pin mill, and jet mill capability from R&D to manufacturing.

Core Chemistry
Hazardous reaction expertise includes Fluorination, Chlorination/Bromination, Cyanidation, Azidation, Grignard Reaction, Ozonation, Hydrogenation, and Cryogenic Reaction (-78°C).

Analytical Testing
Centers equipped with state-of-the-art analytical instruments. Capabilities include impurity profile study, structure elucidation, analytical method development/validation, GTI assessment, etc.



technology for health



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