

### LARGE MOLECULE MANUFACTURING

Recombinant protein and plasmid DNA therapeutics and critical raw materials, including for vaccine and gene therapy applications, for the global market.



Ajinomoto Bio-Pharma Services offers the capacity and quality to scale your process through clinical development and commercialization.

#### SCALABLE cGMP BIOLOGICS MANUFACTURING

- Protein/Plasmid DNA Production
- Recombinant proteins
- Fusion proteins
- Enzymes
- Antibodies & ab fragments
- Plasmids
- Vaccines
- Gene Therapy

**AIINOMOTO** 

- Fermentation & Product Recovery
- Purification & Formulation

BIO•PHARMA

SERVICES

- Microbial Cell Banking & Characterization
  - E. coli strains
  - Corynex® Protein
    Expression System
  - Pseudomonas strains
  - Client-specified strains
  - Yeast strains
    - :
- Highly Potent / ADC
  Purification & Conjugation

# THE POWER TO MAKE

## LARGE MOLECULE MANUFACTURING

#### cGMP MANUFACTURING CAPABILTIES

- 100 L and 1,000 L Fermenters
- Microfluidizer
- Homogenizers
- 2,000 L Single Use Mixer
- Continuous Centrifuge
- Depth and Tangential Filtration Systems
- Scalable Chromatography Systems
- Phase Appropriate Analytical Services









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