

Lonza offers the life sciences market a full range of products, flexible development services and high-quality manufacturing for functional and active ingredients.

For 30 years Lonza Custom Manufacturing has been helping emerging and established companies increase product quality, improve production processes, navigate the development and regulatory process, lower the cost of goods, get to market faster, and focus on their core competencies. From lead optimization and early development through launch to commercial leadership and mature market supply, our complete development services, industry-leading manufacturing processes, broad technology platform and lifecycle management experience can help take your product to the next level. For flexible, high-quality contract manufacturing, development services and products, we can help.

Together ... turning promising discoveries into viable products.  
[www.lonza.com](http://www.lonza.com)

## Customer Benefits

*Long-term Cost Savings:* Our cutting-edge development services, advanced technologies, backward integration and strategic global sourcing can improve your process and lower your total cost of goods.

*Speed to Market:* Our broad manufacturing experience in both chemistry and biotechnology helps to streamline processes and minimize delays.

*Superior Quality:* Advanced technologies and processes help take your product or entire pipeline to the next level of quality. By adopting the principles of quality-by-design (QbD) for both chemical APIs and biologics, we can help create safer more effective therapies.

*Flexibility:* Global sites, multi-purpose facilities, customer-tailored programs and a broad offering give you just what you want, when you want it.

*Lower Financial Risk:* Our existing plants, capacity, and infrastructure means you do not need to build or expand your own facilities, which saves you time and resources

*Focus:* Outsourcing with Lonza Custom Manufacturing allows you to focus on your core competencies.

## Advanced Facilities

**North America:** Hopkinton, MA; Portsmouth, NH; Walkersville, MD

**Europe:** Braine, BE; Kourim, CZ; Porrino, ES; Slough, UK; Verviers, BE; Visp, Switzerland

**Asia:** Nansha, CN; Singapore, SG

## Primary Markets

- Pharmaceutical
- Biopharmaceutical
- Bioresearch
- Nutrition
- Industrial Biotechnology
- Personal Care & Cosmetics

## Core Technologies

- Microbial Fermentation
- Advanced Chemical Synthesis
- Peptide Synthesis
- Mammalian Cell Culture
- Cell Therapy

## Cutting-Edge Product Expertise

- Active & Functional Ingredients
- Advanced Intermediates
- Highly Potent APIs (HPAPIs)
- Highly Active Pharmaceutical Ingredients (HAPIs)
- Biocatalysis
- Biotransformations
- Antibody Drug Conjugates (ADCs)
- Peptides
- Vaccines
- Plasmid DNA
- Recombinant Novel Proteins
- Fragmented Antibodies (Fabs)
- Monoclonal Antibodies (mAbs)
- Cell Therapy

## Flexible Development Services

- AggreSolve™ Protein Aggregation Predictor
- Epibase™ Immunogenicity Prediction Platform
- Tripole™ Protein Engineering Platform
- Potelligent™ CHOK1SV Cell Line
- The GS Gene Expression System™
- XS Microbial Expression Technologies™
- XSpedite Microbial Services™
- Cell Line / Strain Design
- Route selection
- Bio/Catalyst Design
- Analytical Development
- Process Development & Scale-Up
- Process Validation & Transfer
- Purification Development
- Technology Development
- Regulatory Support

## High-Quality Custom Media

- BioWhittaker® Serum-free Media
- Clonetics® Primary Cells and Media
- Poietics® Stem Cells and Media
- CELL-tainer® Single-Use Bioreactor
- Platinum UltraPAK™ Bioprocess Containers