Dedicated Project Management

At Lonza, we are committed to our customers’ success, so it is our mission to help your product reach its full potential. We pride ourselves on delivering high-quality, flexible service that is both responsive and pro-active. Every program at Lonza is assigned a dedicated Customer Project Manager who leads the project team to deliver results while anticipating and resolving unforeseen challenges. This internal advocate coordinates all activities associated with your project and continually updates you on its progress. Their goal is to drive the project to make sure the agreed upon activities, timelines, and budget are met to your complete satisfaction.
What Makes Us Different?

With over 30 years in peptide manufacturing and development, we pride ourselves on providing customers a tailored approach built around a unique peptide competency that helps your product reach its full potential. Our scientists and dedicated project managers are able to tap into over 100 years of Lonza chemistry know-how and a 25-year biotechnology track record. Combine this with versatile capabilities and scales, quality and regulatory expertise, new innovations and continuous improvement, and our ability to secure supply and you’ve got a peptide provider you can trust.

Versatile Capabilities, Scales
- Recombinant, solid- and liquid-phase technologies
- Milligram to ton quantities
- Upstream and downstream expertise

Quality & Regulatory Expertise
- Highest quality manufacturing
- Strong regulatory track record
- DMF / CMC support
- Successful filing of IND’s and NDA’s
- Wide experience with FDA and EMEA

Security of Supply
- Financially sound
- Backward integrated
- Multi-site offering
- Strategic global sourcing

Innovation & Continuous Improvement
- Investments and collaboration for cutting-edge technology
- Operational excellence
- Unique manufacturing pathways

Leverage Lonza-wide Know-how
- Highly potent APIs
- Peptide conjugates
- Microreactors
- Extensive life science network
A World of Experience

Our peptide experience began 30 years ago when the first solid-phase peptides were produced at our Braine-l’Alleud facility in Belgium. Since then, we have worked hand-in-hand with both large and emerging pharmaceutical companies to develop and manufacture hundreds of peptides, using all three peptide technologies. Today, we’re one of the world’s leading producers of custom peptides, with four production sites, over 400 dedicated professionals, a strong manufacturing track record and a complete range of R&D services.

Full Range of R&D Services
- Feasibility studies
- Process development
- Process optimization
- Process validation
- Analytical development and methods validation
- Stability studies
- Regulatory support

Broad Technology Set
Solid-Phase Synthesis (SPPS)
- FMOC chemistry
- Up to 50 amino acids
- Natural and synthetic amino acids

Liquid-Phase Synthesis (LPPS)
- BOC and Fmoc chemistry
- Short and medium peptides

Hybrid Approach
- Production of various fragments on solid support (resin) and subsequent condensation of cleaved fragments in liquid-phase

Recombinant DNA Technology
- By fermentation/concatemer approach

State-of-the-Art Facilities

Our cutting-edge facilities and broad technology experience means we can offer a full range of cGMP production strategies depending on your peptide’s structural complexity. Additionally, we have a broad array of synthesis, purification, isolation, and analytical equipment as well as support infrastructure to find an optimal solution for your immediate and long-term peptide needs.

Europe
Braine, Belgium
Solid-phase and liquid-phase technology

Kouřim, Czech Republic
Recombinant DNA technology

Visp, Switzerland
Solid-phase, liquid-phase and recombinant DNA technology

Asia
Nansha, China
Solid-phase and liquid-phase technology

Upstream & Downstream Equipment
Solid-Phase
- Synthesizers from 50mL to 1 600L
- Cleavage systems

Liquid-Phase
- Vessel sizes range from 10L to 2 800L
- Cyclization lines

Recombinant DNA Technology
- Microbial production in vessels from 15m³ to 75m³

Purification
- Large-scale HPLC (15 to 60cm)
- Mid- and Small-scale HPLC
- Various packing material options
- Up to 100 bar
- Quality Control (IPC methods & HPLC)

Isolation / Filtration
- Lab-scale lyophilization (freeze dryers)
- Industrial-scale lyophilization (up to 200kg ice/day)
- Lab- and pilot-scale spray drying
- Centrifuges
- Agitate and static plate filters
- Filter-dryer
- Extraction devices
- Hydrogenators
Strategic Support Infrastructure

- Streamlined (worldwide) sourcing
- Raw materials in rail-tank-cars
- Tank-farms
- No open handling
- Adequate warehousing
- Recycling systems
- Exhaust gas treatment
- Waste disposal

Total Life-Cycle Management

At Lonza, we have the experience and facilities to take a new chemical entity from feasibility studies and process development through validation and scale-up all the way to market penetration, commercial leadership, and off-patent protection. Whether you need us to provide simple R&D work, complete process re-development, or any scale of manufacturing we are prepared to help step-by-step from day one.

Product Offering

- Early intermediates (GMP / non-GMP)
- Advanced peptide intermediates, including chemical modification (e.g. PEG, disulfide bridge, etc.)
- Bulk actives / drug substance
- Generic peptides
We welcome the opportunity to help you tackle any peptide challenge. From early-stage development through in-market supply, we are prepared to meet your immediate and long-term peptide needs with innovative and trusted solutions. Please don't hesitate to call us for a chat about how we can help.

Lonza Ltd
Muenchensteinerstrasse 38
CH-4002 Basel, Switzerland
Tel +41 61 316 81 11
contact@lonza.com

Lonza Inc.
90 Boroline Road
Allendale, NJ 07401
Tel +1 201 316 9200
contact.us@lonza.com

www.lonza.com

The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information and no warranty is expressed or implied concerning the use of these products. The buyer assumes all risks of use and/or handling. No statement is intended or should be construed as a recommendation to infringe any existing patent.

© 2009 Lonza Ltd, Basel Switzerland
Printed in the USA