

Complex Peptides. Scalable Processes. Reliable Commercial Supply.

Neuland brings together four decades of deep process chemistry expertise to help innovators transform complex peptide programs from development through commercial supply.



What Neuland Brings to Your Program

We approach each peptide program through an integrated understanding of synthesis, impurity formation, purification and scale-up. The objective is not simply to manufacture a peptide, but to establish a process that remains practical, reproducible and robust as demand grows.



End-to-End Process Understanding

Integrated expertise across amino acids and starting materials, synthesis, purification, crystallization, lyophilization, and other downstream operations supports informed process decisions from the outset.



Integrated SPPS and LPPS Capabilities

Flexible synthesis platforms are selected based on peptide complexity, scale, process economics, and long-term supply requirements.



Advanced Analytical and Process Expertise

Impurity profiling, method development and validation, stability studies, and process optimization help establish robust, scalable, and well-controlled manufacturing processes.



Development Through Commercial Supply

Integrated capabilities spanning process development, analytical characterization, scale-up, and GMP manufacturing support peptide programs across the development lifecycle.



Continuous Improvement

Automation, digitalization, and process intensification are applied to improve throughput, reduce solvent use and waste, and strengthen manufacturing efficiency and consistency.



Peptide Expertise Built Around Your Molecule

Neuland's integrated capabilities support peptide programs from early development through commercial supply, with a focus on building robust, scalable, and manufacturing-ready processes.

Advanced Peptide Technologies

Solid-Phase Peptide Synthesis (SPPS)

Neuland's primary platform for peptides ranging from approximately 5 to 60 amino acids, supporting development, scale-up, and commercial manufacturing through robust and reproducible processes.

Liquid-Phase Peptide Synthesis (LPPS)

An efficient platform for shorter peptides, peptide fragments, intermediates, and building blocks, enabling multi-kilogram manufacturing.

Hybrid Synthesis

Combining the advantages of solid-phase and liquid-phase approaches to address longer, more complex peptide structures and modified peptide modalities.

Supported Modalities



Linear and long-chain peptides



Cyclic and disulfide-bridged peptides



PEGylated / lipidated peptides

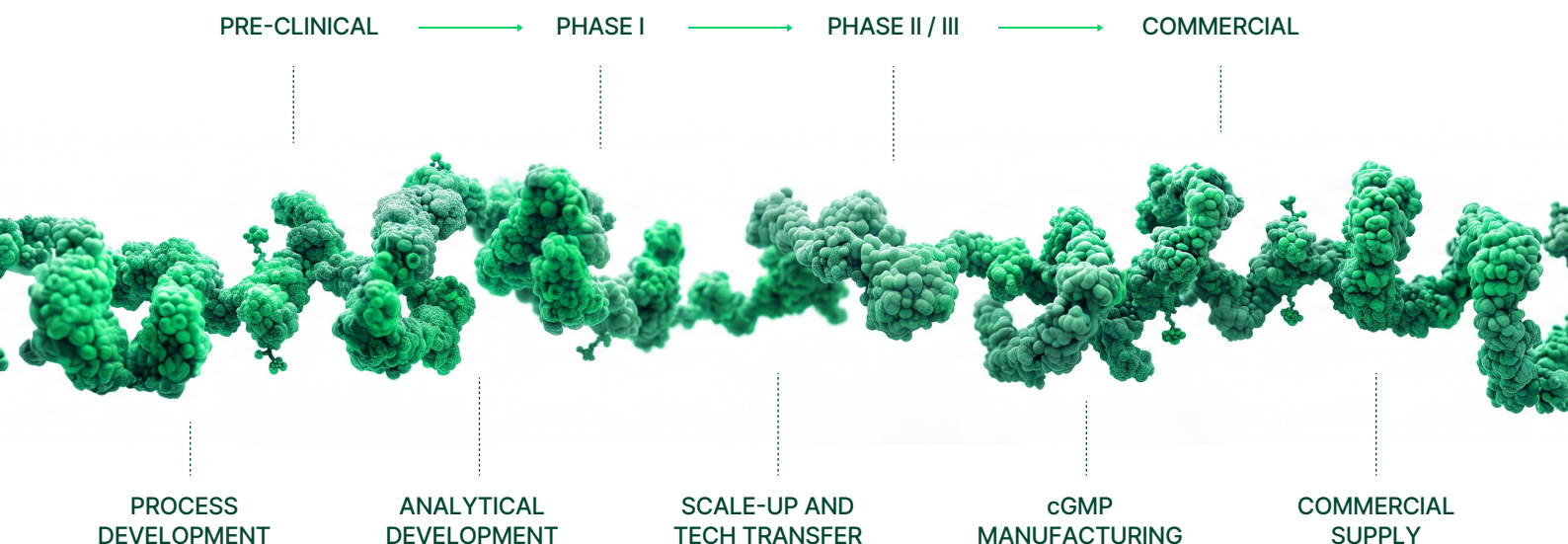


Azido peptides and click-chemistry-enabled peptides



Peptide fragments and building blocks

Supporting Peptide Programs Across the Lifecycle



Purpose-Built Infrastructure for Commercial Manufacturing

Designed to support peptide programs from early-stage development through commercial supply, Neuland's purpose-built multi-product, multi-modular manufacturing platform combines scalable capacity, process automation, and flexible technology infrastructure to help customers manufacture complex peptides with confidence.

140,000 sq. ft.

Purpose-built peptide manufacturing facility

300 L

Integrated lyophilization capacity for commercial campaigns

7 kL

Combined SPPS & LPPS reactor capacity

3 DAC Columns

High-throughput purification with 45 cm and 60 cm DAC systems

Manufacturing Strength Beyond Capacity



Designed for Consistent Execution

DCS-based automation and eBMR integration strengthen process control, traceability, and repeatability across batch execution.



Capacity Aligned with Program Growth

A four-module expansion strategy enables manufacturing capacity to grow in line with customer requirements and market demand.



Built for Long-Term Commercial Supply

Integrated purification, commercial-scale drying, dedicated warehousing, and enhanced process support systems.

Flexible Downstream Processing

Purification

TFF

Ion Exchange

Crystallization

Spray Drying

Lyophilization

About Us

Established in 1984, Neuland Labs is a global CDMO supporting small-molecule and peptide development from early-stage programs through commercial supply. Our teams combine scientific expertise, modern technologies and flexible scale to deliver KSMs, APIs and intermediates with responsive tech transfer and reliable execution from start to finish.



Scan the QR code to explore our peptide capabilities and connect with our team.

