



Top Bioprocessing Companies

Top Bioprocessing Companies Transforming the Future of Biomanufacturing in 2025

The global biopharmaceutical market is experiencing a dynamic transformation, driven by advancements in biotechnology, increased demand for biologics, and the emergence of precision medicine. At the heart of this revolution are **bioprocessing companies**—critical partners in the development and large-scale production of complex biologics such as monoclonal antibodies, vaccines, cell and gene therapies, and recombinant proteins. These companies offer specialized capabilities in upstream and downstream processing, analytical testing, and good manufacturing practice (GMP) compliance. As the demand for innovative therapies grows, the bioprocessing industry is playing an increasingly strategic role in accelerating drug development and ensuring product quality.

Below is a detailed look at some of the **top bioprocessing companies** leading the industry in 2025.



1. Lonza Group

Headquarters: Basel, Switzerland

Key Strengths: End-to-end biologics development, cell and gene therapy manufacturing, flexible platforms

Lonza is a global leader in bioprocessing and contract development and manufacturing (CDMO) services. With state-of-the-art facilities worldwide, the company offers robust and scalable solutions across the entire biologics lifecycle—from early development to commercial manufacturing. Lonza’s proven expertise in mammalian and microbial platforms makes it a top choice for biotech and pharma companies.

2. Thermo Fisher Scientific (Patheon Division)

Headquarters: Waltham, Massachusetts, USA

Key Strengths: Bioprocessing consumables, equipment, CDMO services, single-use technologies

Thermo Fisher Scientific is renowned for its comprehensive bioprocessing solutions. Through its Patheon CDMO division, it offers biologics development, analytical testing, and commercial manufacturing. The company’s single-use bioreactors, chromatography systems, and media are widely used across the industry, making it a key innovator in integrated bioprocessing.

3. WuXi Biologics

Headquarters: Wuxi, China

Key Strengths: Integrated biologics platform, fast-track development, global GMP facilities

WuXi Biologics has become a prominent global CDMO by providing end-to-end biologics services, from cell line development to large-scale GMP manufacturing. Known for speed and efficiency, WuXi supports companies in achieving faster regulatory submissions through its proprietary platforms.

4. Samsung Biologics

Headquarters: Incheon, South Korea

Key Strengths: Large-scale biologics manufacturing, biosimilars, fully digitalized smart factories

Samsung Biologics is one of the world’s largest biologics manufacturers, boasting extensive production capacities and smart factory technologies. The company partners with major pharmaceutical firms to provide commercial-scale manufacturing and regulatory support, particularly for monoclonal antibodies and biosimilars.

5. Sartorius AG

Headquarters: Göttingen, Germany

Key Strengths: Bioreactors, filtration systems, process analytics, automation

Sartorius is a critical supplier of bioprocessing equipment and technologies, offering innovative solutions for upstream and downstream processes. Its scalable single-use technologies and automation tools enable seamless transition from research to GMP production, enhancing efficiency and quality in biologics manufacturing.

6. MilliporeSigma (Merck KGaA)

Headquarters: Darmstadt, Germany / Burlington, MA, USA

Key Strengths: Process solutions, viral vector manufacturing, purification technologies

A division of Merck KGaA, MilliporeSigma supports biopharma companies with a wide array of bioprocessing products and services. Its Mobius® platform for single-use processing, along with its capabilities in viral vector and mRNA production, makes it a preferred partner for next-generation therapeutics.

7. FUJIFILM Diosynth Biotechnologies

Headquarters: Morrisville, NC, USA / Teesside, UK

Key Strengths: Microbial and mammalian systems, advanced therapies, GMP manufacturing

FUJIFILM Diosynth Biotechnologies has earned recognition for its flexible biomanufacturing platforms that serve both large pharma and emerging biotech firms. The company is actively expanding capacity for viral vectors, cell therapies, and other advanced modalities.

8. AGC Biologics

Headquarters: Bothell, Washington, USA

Key Strengths: Custom development, cell line optimization, viral vector production

AGC Biologics specializes in customized biologics development and manufacturing services, including cell and gene therapy. With multiple GMP facilities around the world, it helps clients bring complex biologics to market efficiently and cost-effectively.

9. Catalent Biologics

Headquarters: Somerset, New Jersey, USA

Key Strengths: Drug product development, fill-finish, delivery technologies

Catalent is a trusted name in drug delivery and fill-finish manufacturing. The company has made significant investments in its biologics segment, particularly in gene therapy and large-

molecule development. Its flexible solutions help accelerate time to market.

10. Abzena

Headquarters: Cambridge, UK / San Diego, USA

Key Strengths: Bioconjugates, antibody-drug conjugates (ADCs), cell line development

Abzena is a growing force in bioprocessing, particularly for companies developing complex biologics like ADCs and bispecific antibodies. With integrated R&D and GMP manufacturing capabilities, Abzena offers seamless transitions from early discovery to clinical production.

Final Thoughts

As the biologics sector continues to dominate global pharmaceutical pipelines, bioprocessing companies have become essential players in enabling innovation, ensuring scalability, and maintaining quality. The **top bioprocessing companies** listed here are setting new industry standards with their cutting-edge technologies, strategic investments, and unwavering commitment to excellence.

Whether you are an emerging biotech startup or a global pharmaceutical company, partnering with the right bioprocessing provider is crucial for success in today's competitive and fast-paced landscape.

<https://bioprocessing.lifesciencesreview.com/vendors/top-bioprocessing-companies.html>