

Pall Life Sciences

25 Harbor Park Drive
Port Washington, NY
11050

TELEPHONE

516.484.5400
800.717.7255
+41 0 26 350 53 00
(Europe)

FAX

516.801.9574
+41 0 26 350 53 53
(Europe)

E-MAIL

biopharm@pall.com

WEBSITE

www.pall.com/biopharm

NUMBER OF EMPLOYEES

10,000+

DATE FOUNDED

1946

MANUFACTURING Equipment and Supplies



Pall Life Sciences

Corporate Description

Pall Corporation is the leading global provider of filtration, purification and separation products and technologies to the diverse and rapidly expanding biopharmaceuticals market. These products and technologies are used from the earliest stages of discovery and development of new drugs, through production and delivery of therapies for the prevention, diagnosis and treatment of disease. Pall biopharmaceutical products are supported by extensive protocols and technical reports, an industry-leading scientific and technical staff, and worldwide offices and distributors for easy ordering.

Technical Services

Pall's unique capability comes from a strong blend of biopharmaceutical expertise, customer support and leading technologies. Our biopharmaceutical services include:

- Filter Validation Services
- Single-use System Validation Services
- Connector Validation Services
- Process Proteomics (protein purification and optimization)
- Consulting Services (troubleshooting, process optimization)
- Pre-inspection Reviews
- Contamination Analysis
- Process Development
- Test Equipment Validation

Facilities

Pall maintains certified ISO9001 manufacturing facilities worldwide. The company's Scientific and Laboratory Services (SLS), Technical Services and Validation Laboratories have been a cornerstone of



customer support for more than 30 years. More than 400 scientists, engineers and technicians are employed at Pall in laboratories around the globe.

Major Products/Services

Key product initiatives to support our biopharmaceutical customers include:

- **Flexible Solutions:** Optimize single-use technologies with Pall Allegro™ systems incorporating Allegro biocontainers, Kleenpak™ sterile connectors, sterile and tangential flow filtration capsules, Stax™ disposable depth filters and Mustang® chromatography capsules.
- **Total Contamination Control:** Prevent, reduce, or remove contaminants with filter capsules and cartridges for prefiltration, sterile filtration, virus reduction, and mycoplasma reduction.
- **UpScale™ Program:** Simplify scale up with the most comprehensive range of scalable separation technologies, including direct and tangential flow filters, and chromatography units.
- **Process Economics:** Pall's chromatography sorbents, membrane devices, columns and systems provide unique selectivities and true scalability to help drive down bioprocess costs.
- **High Performance Filtration:** Pall's depth filter product range features high-quality materials, ease of use and a wide selection of formats.

Markets Served

Pall's biopharmaceuticals group addresses five sub-market segments—the biotechnology, vaccines and plasma sub-markets are biologically derived; the active pharmaceutical ingredients (API) sub-market comprises chemically synthesized drugs; the formulation/filling sub-market applies to both synthetic and biologically-derived drugs. For each sub-market, Pall provides a broad range of advanced filtration and separation solutions for each critical stage of drug development through drug production. Filtration systems and validation services assist drug manufacturers through the regulatory process and on to market. For further information visit www.pall.com/biopharm.



CORPORATE CAPABILITIES