

LEPURE

Empower Biopharma through
High Quality Bioprocess Solutions



LePure Biotech

LEPURE
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LEPURE

LePure Biotech Total Solution

Founded in 2011, LePure Biotech is a cutting-edge high-tech enterprise at the forefront of research and development, which focuses on four key areas: single-use systems, filtration and purification, cell culture and microbial contaminants control solution.

Cell Culture Technology

Quacell Biotech, as a renowned Chinese supplier in developing and manufacturing cell culture media, has been wholly acquired as one of sub-brands of LePure Biotech in 2022. This acquisition led to integration and empowerment of our core business in cell culture with product lines such as LePhenix® single-use bioreactor, microcarriers and cell line development etc. We are able to build a comprehensive solution providing value chain from upstream cell culture to downstream purification for our customers with the capability offering a full range products and services, including cell line development, serum-free CD culture media customization, bioreactors, and CMC optimization services.

In 2023, LePhenix® single-use bioreactor was highlighted at the "Shanghai Latest Technology Achievements Exhibition," and as a national level achievement presented to the country leaders.

Single-Use Systems

As a pioneer in single-use bioprocessing technology in China, LePure Biotech has excelled in localizing top-quality biopharmaceutical consumables and equipment. The company is committed to innovation and consistently introducing new products and services that meet customer needs. Notably, through in-house development of "LeKrius®" Single-use Biopharma Film, LePure Biotech independently generated own intellectual property and quickly achieved stable mass production of "LeKrius" film. This breakthrough resolved the critical raw material sourcing problem, and significantly improved supply chain stability and security for single-use consumables users in the biopharmaceutical industry in China. It greatly improved our customer values.

Filtration and Purification

Geshi, a company with 30 years of expertise and strong reputation in filter development and production, joined LePure Biotech in 2022. During the same year, we successfully developed and launched the "LeClafine" depth filtration production line, which encompasses everything from core filter materials, components to filter assemblies. Moving forward, LePure Biotech plans to enhance its in-house capabilities to include high-end pharmaceutical-grade sterilization, ultrafiltration, and virus removal membrane production, alongside of new filtration products and systems. The focus on filtration and purification has become a cornerstone of LePure Biotech's commitment to providing high-quality, high performance and reliable solutions for the biopharmaceutical industry.

Early Research

In early 2025, LePure Biotech expanded its capabilities in early-stage research services by acquiring Schbio Biotech. This acquisition enhances LePure's integration across the early phases of biopharmaceutical development, offering key services such as in vitro efficacy validation for antibody drugs, humanized mouse model development, and early-stage concept and process validation for cell therapy—helping accelerate the journey from lab to clinic.



Research and Development

LePure Biotech operates with a dual R&D center strategy, anchored by its innovation center in Shanghai, China, which features multiple interdisciplinary platforms, a customer validation service center, and a bioprocess application training center. Paired with its advanced R&D center in Boston, USA, LePure Biotech is driving the development of cutting-edge technologies in the biopharmaceutical supply chain. LePure Biotech's extensive R&D pipeline covers equipment and consumables for applications of antibody drugs, vaccines, cell therapies, and mRNA drugs.

To date, LePure Biotech has secured 173 patents, including 28 for inventions, 120 for utility models, and 25 for designs. The company has also contributed significantly to setting industry standards in areas like single-use technology, extractables testing, and the quality of membrane and membrane cassette production in bioprocessing.

High-Energy Management Team

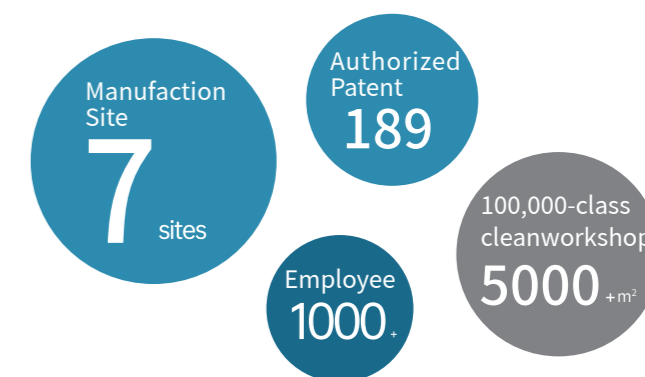
LePure Biotech is driven by a forward-thinking and innovative management team, with core founding members possessing extensive management experience in Fortune 500 companies. Our global and multi-disciplinary R&D team includes 10% of our team holds advanced degrees, with over a hundred research achievements.

Our lean manufacturing team boasts over 10 years of experience, ensuring efficient production processes. The quality team, with advanced international quality management expertise, maintains our high standards. Additionally, our consulting and verification service team brings a wealth of experience from working in MNCs.

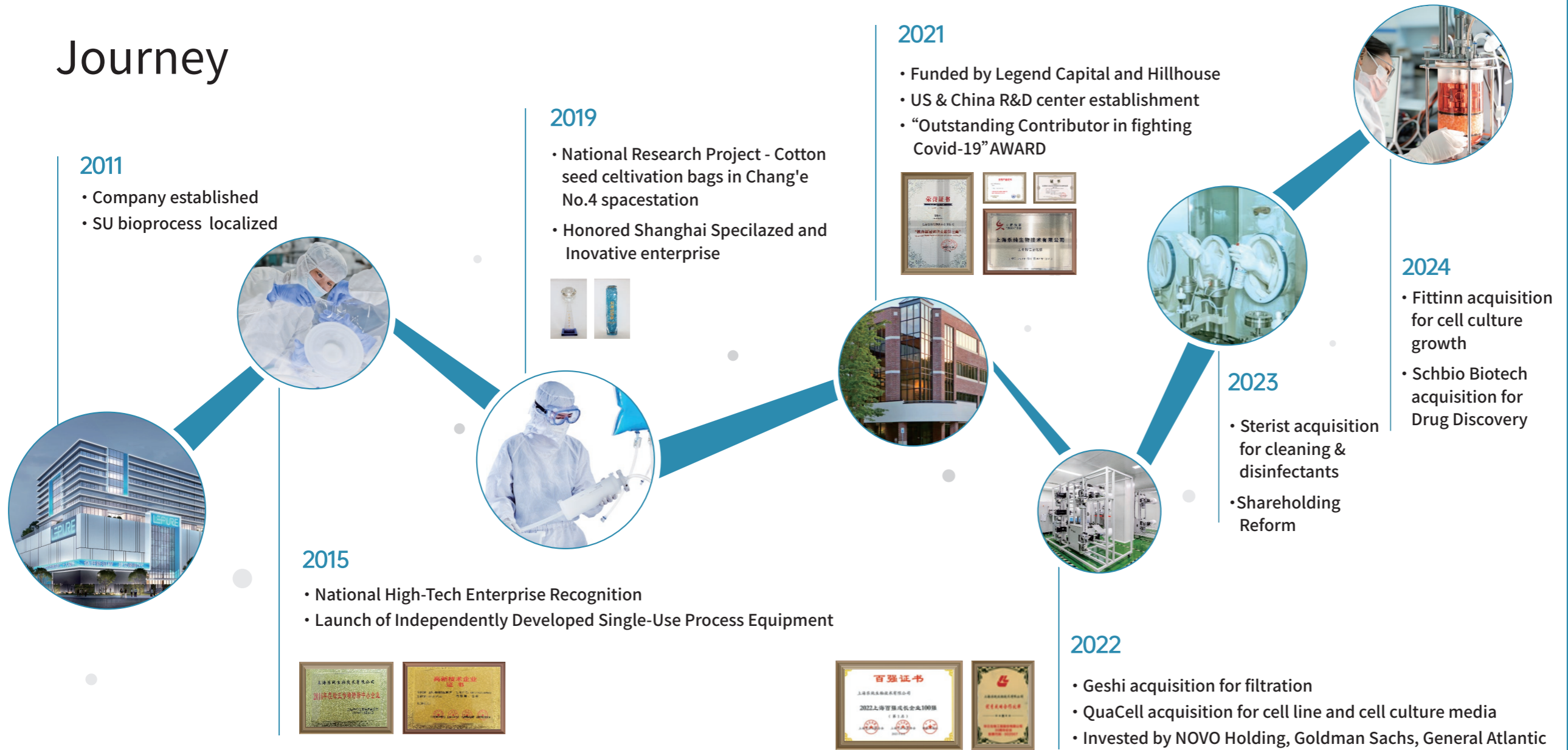
Investors and Shareholders

By the end of 2022, LePure Biotech had completed multiple rounds of financing by prominent institutions, including Novo Holdings, General Atlantic, Goldman Sachs, Legend Capital, Hillhouse Capital, Shanghai Science and Technology Venture Capital, CICC Capital. This support has propelled our global strategic initiatives.

Over the next five years, we aim to achieve rapid, multi-point global business growth through independent core technology development, supply chain collaboration, and group operations. Our goal is to increase our penetration in the global biopharmaceutical supply chain, establishing ourselves as a highly competitive international provider of comprehensive consumable and equipment solutions.



Journey



Vision

Be the most reliable partner of global biopharma driven by technology innovation

Mission

Empower Biopharma with High Quality Bioprocess Solutions





Scarlett Qin
Founder and Chairman

Degree in Medicine from Shanghai Jiao Tong University
15 years of experience in the biopharmaceutical industry.
2012 to 2021, achieved great growth of LePure Biotech by over 50% CAGR.



Frank Wang
Co-Founder and CEO

Degree in Biochemistry from East China University of Science and Technology.
17 years of experience in business development and management at renowned MNCs. Achieved fast business growth in Grand China market as general manager of the bioprocess division.
Expert in market strategies creation and execution.
Outstanding business achievements in the pharmaceutical industry.

Commission Team

Scarlett Qin
President



Frank Wang
CEO



Alan Wu
CCO



William Zhang
GM of Geshi



Empowerment Team

Dr. Jim Ding
CSO & GM of US



Wilson Chen
CFO



Jakey Chen
VP of Quality

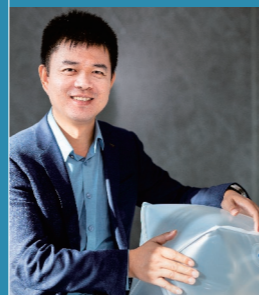


Sherry Yuan
Board Secretary



Business Unit Team

Leo Liu
Single Use System (SUS)



Dr. Francis Zou
Bio-Equipment Technology (BET)



Leon Shen
Fluid Management Technology (FMT)



Dr. Jun Yuan
BioService (QPA)



Collen Lin
Sterist



Guo Liang Yan
Schbio



Reliable Biopharmaceutical End-to-End Process Solutions and Product Supply



LEPURE Single-Use System

- SU Bags
- Mixing
- Storage Equipment
- Collapsible Container
- Transport Cart
- Tubing Assemblies
- Plastic Drum
- Thermoplastic Tubing



GeShi Filtration Purification

- Microfiltration
- Filter Integrity Tester
- Hollow Fiber Filtration
- TFF Cassettes and Holder
- Depth Filters and Holder

QUACELL Cell Culture

- Culture Media & Cell Lines
- Ready to Use Antifoam
- Sphere Microcarriers & Disk Cell Carriers
- Cell Culture Platform
- Single-use Bioreactor
- Rocking Bioreactor
- Glass Vessel Bioreactor

斯坦利思 GMP-Grade Clean Contamination Management

- Disinfectant
- Space Sterilization Equipment
- Mop
- Floor Mop
- Wipes
- Aseptic Assurance
- Personal Protection

LePhinix® single-use bioreactor



LePhinix® single-use bioreactor
—From Research & Development to Full-scale Production Process

Flexible Configuration

- Applicable to processes such as mAbs, vaccines and viral vectors, etc.
- Open platform supporting interaction and data transfer with multiple control software.

Customizability

- Offers various customization services.
- Customizable media formulation development services.

Applications

- Allows for precise control and feedback adjustment
- Applicable to both suspension and adherent cell culture
- supports both batch-fed and perfusion culture modes

LePhinix® EZG Glass Bioreactor

Multiple Models

Various models are available to suit different processes, with Independent development software and pressure retention features.

Multi-Application

Perfect for high-throughput parameter exploration, process optimization, and parallel experimental screening.

Supports Diverse Cultures

Compatible with suspension, adherent, and microbial cultures.



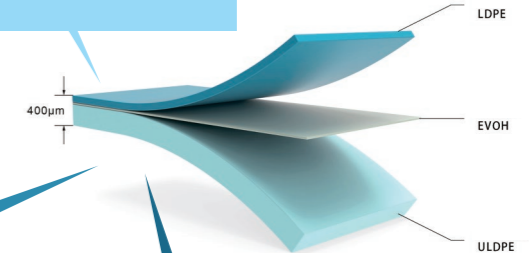
LeKrius® Single-use Biopharma Film

LeKrius® Bioprocess Film

Good Biocompatibility
Instruct biocompatibility tests, low E&L and cell culture application validation

Excellent physical performance
Robust, bending resistance, anti-twisting

Consistent quality and supply assurance
From own co-extrusion technology, class C production, a complete and stable supply chain and quality control



Independent IP
Proprietary IP with a secure, independent supply chain



Triple Resistance
Specialized in screeing, abrasion and puncture resistance



Experts
10+ years of expertise in durable, high-performance film



1,000+ Clients
Trusted by over 1,000 global clients



19,000+ Validations
Validated by over 19,000 consumable designs

LeKrius



LePure Single-use Processing Solution

Single-Use Mixing System

Comprehensive Specifications

Available in multiple sizes, ranging from 200mL to 3000L

Cost-Effective

No cleaning required, enhancing efficiency and reducing costs

Sterility Assurance

Magnetic coupling with non-contact stirring ensures sterility

Customizable Solutions

Tailored hardware and software services available

Modular Design

Supports online weighing, pH and conductivity measurement, and temperature control

Regulatory Compliance

Advanced data management solutions meet audit trail requirements and GMP standards

Single-Use Storage System

Highly customization on single-use bags and equipments ensure customers get safe storage and transfer of biopharmaceutical liquids

Highly Flexible

Comprehensive Solutions

Outstanding Performance

Reliable Production Capacity

Over 10 Years of Experience



LePurValid® Validation Services



E&L Validation



Virus Clearance Study



Sterilisation and filtration process validation



Quality management



Project Management

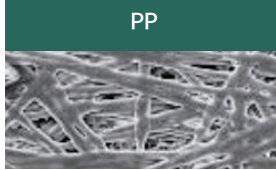
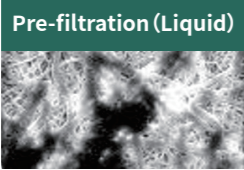


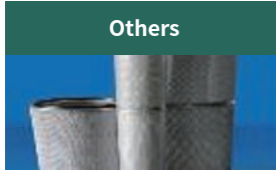

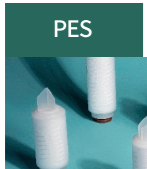

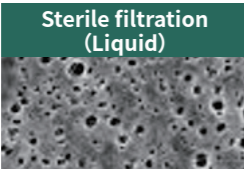
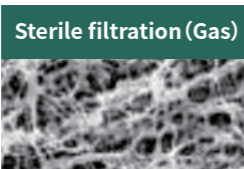

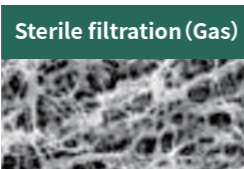
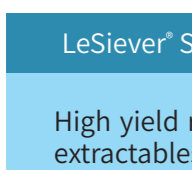
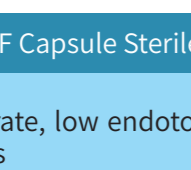
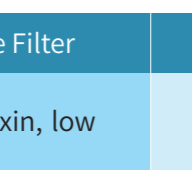





LEPURE

Geshi Filtration

Specializing in filtration technology and solutions

GeShi operates a pioneering research and development center in China. It leads in using dynamic circulation methods for E&L extraction from filters. Its 3000-square-meter GMP-compliant production workshop features dozens of automated and semi-automated production lines, capable of producing millions of filter cores in various types annually.

Unique pleating technology of filter membrane increases effective filtration area 100% integrity tested, 100% forward flushed, reducing risks of extractables, fiber release, and particulates. Designed for high throughput and flow rates with low adsorption, suitable for applications in buffer solutions and culture media etc.

			
		PES Accompanable Filter Housing	PTFE Accompanable Filter Housing
		Applications	Applications
		<ul style="list-style-type: none"> ☑ large volume parenterals (LVP) and small injectables ☑ protein-based biopharmaceutical products ☑ food, beverages, and water ☑ freeze-dried powders ☑ buffers preparation ☑ cell culture media preparation (including removal of mycoplasma) 	<ul style="list-style-type: none"> ☑ Sterilizing filtration for compressed air ☑ Air filtration for bioprocess fermentations ☑ Sterile packaging air filtration ☑ Filtration of hydrophobic liquids ☑ Filtration of corrosive reagents ☑ Filtration of chemicals with low surface tension
		LeSiever® SF Capsule Sterile Filter	
			LeClafine® Depth Filtration Holder <ul style="list-style-type: none"> ■ Stable, reliable quality and strong impurity tolerance. ■ While guaranteeing high recovery rates, it also effectively reduces turbidity. ■ Offers various filtration options to meet process needs.
			
			



QuaCell

QuaCell provides comprehensive solutions and customized services for biopharmaceutical cell lines and culture media

Currently operates a modern biopharmaceutical innovation center with 17,000 square meter space for cell line and media development and production. Facilities include a 1,600 square meter cGMP-compliant cleanroom for standardized media production, designed and built to pharmaceutical GMP standards (Grade D area), capable of producing 80-150 batches annually with a batch capacity of 200 kg.

01 Cell Line Development Platform			
	Materials and Equipment for Research	Cell Line Formulation & test	Stable Cell Line Development
02 CMC Research Platform		03 Media Manufacturing Platform	
	Media Formulation Development		
			
Quality Analysis	CMC&Qbd Research	Culture Medium Costomazation	GMP Solutions
			04 Clinical Sample Production Platform
			Clinical API Preparation with 2000L and 2x200L Bioreactors





Sterist

Sterist specializes in cleanroom cleaning and microbial contamination control solutions for the pharmaceutical industry.

Established in 2011 in Hangzhou, Sterist offers a full range of cleanroom consumables, cleaning tools, disinfectants, and comprehensive cleanroom contamination control solutions. They also provide services such as disinfectant validation and GMP consultancy, serving over 400 pharmaceutical companies in areas including antibodies, vaccines, recombinant proteins, and blood products.



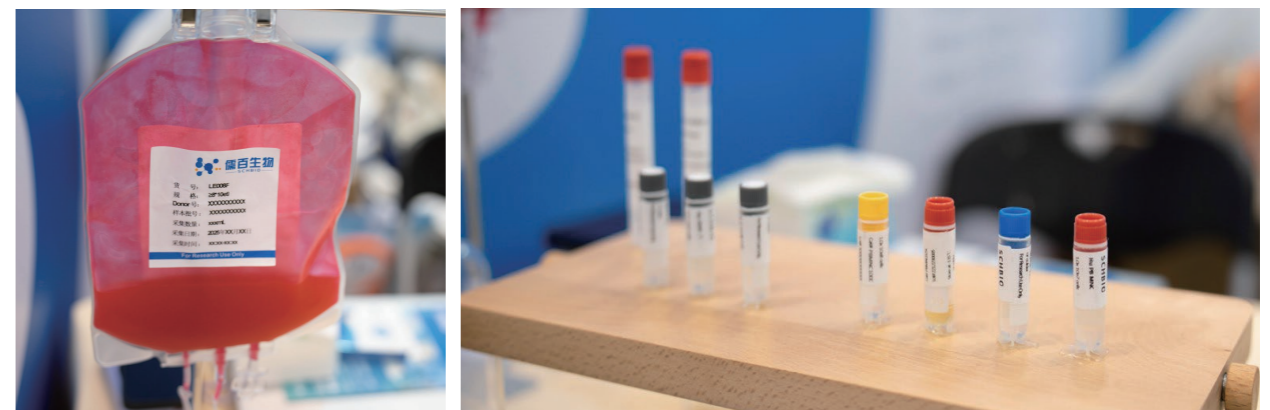
Schbio Biotech

Advancing innovation in oncology and autoimmune therapies.

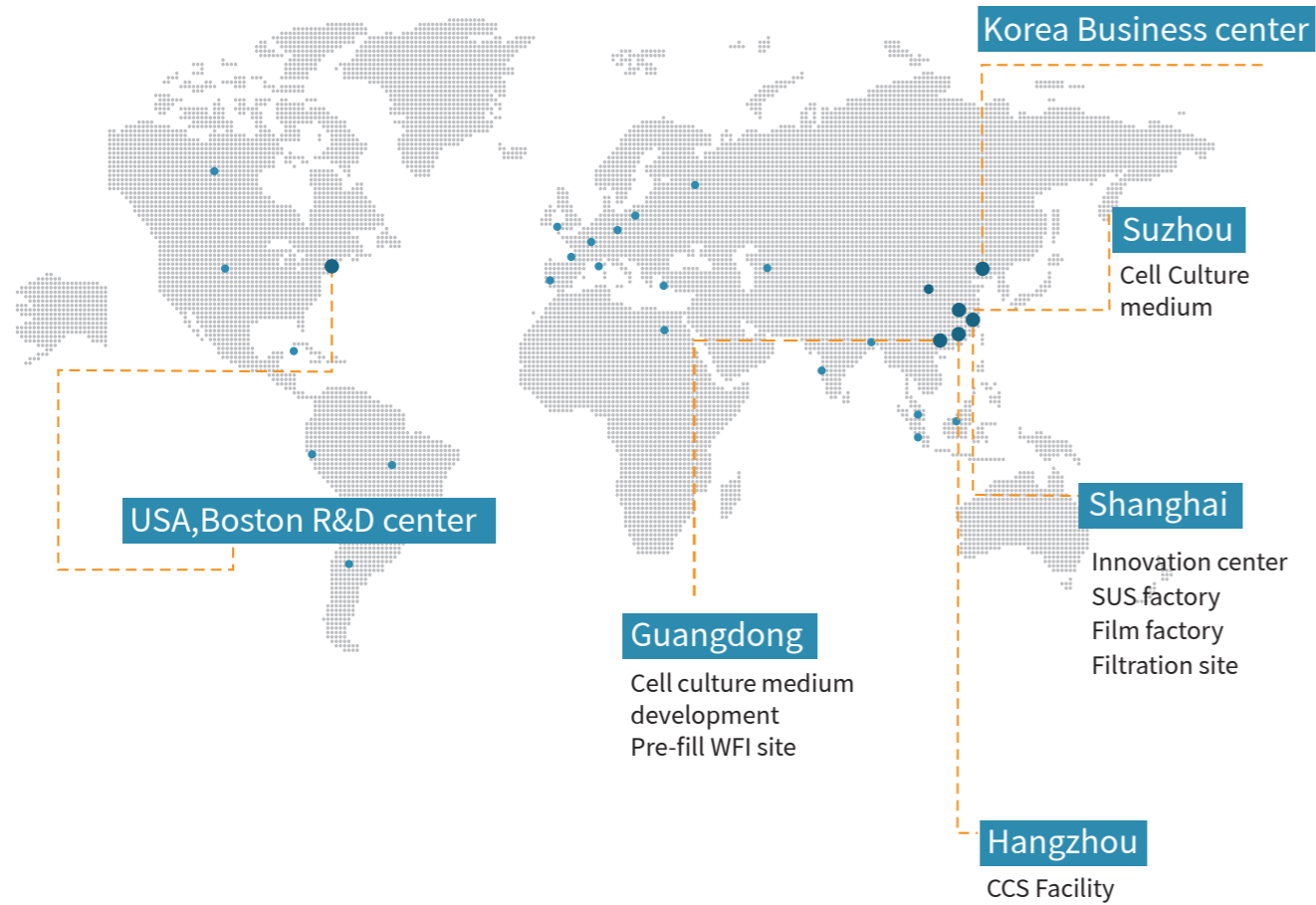
Founded in 2016, Shanghai SCHBIO Biotech is a recognized high-tech enterprise and a "Specialized, Refined, and Innovative" SME in Shanghai. The company is committed to providing comprehensive support for the development of innovative therapies in oncology and autoimmune diseases.

With a strong focus on in vitro efficacy testing enhanced by cellular functional validation and clinical sample collection, SCHBIO Biotech has built deep expertise in key areas such as cryopreserved cell viability control, batch-to-batch stability management, standardized quality control processes, and high-accuracy functional validation across different batches. These strengths have enabled the company to collaborate extensively with leading multinational R&D centers, pharmaceutical companies, biotech innovators, and major CROs.

SCHBIO Biotech's services cover early-stage drug development, including in vitro efficacy validation for antibody drugs, humanized mouse model development, and early-stage concept and process validation for cell therapy. Its diverse product portfolio includes PBMCs and their subtypes, leukopak apheresis collection services, imported CB CD34+ cells, and high-efficiency liquid nitrogen storage tanks.



LePure Global Network



- R&D and Production Sites
- International Customers

Be the most reliable partner of global biopharma driven by technology innovation



R&D Centers @Shanghai,China @Boston, USA



Bio-equipment facility @Shanghai



Filtration Site @Shanghai



Culture Medium @Zhongshan@Suzhou



CCS Facility @Hangzhou

3000+ Customers

Since its inception, LePure Biotech has proudly provided top-quality products and services to over 10,000 customers world- wide. Our expertise spans a wide range of market segments, including biopharmaceuticals, vaccines, chemical pharmaceuticals, cell and gene therapy, animal health, blood products, in vitro diagnostics (IVD), and life sciences.

