

Advanced Therapeutics Pharmaceutical Outsourcing Market Outlook 2025-2034: Market Share, and Growth Analysis By Service Type (Contract Research Organizations (CROs), Contract Development And Manufacturing Organizations (CDMOs)), By Indication (Oncology, Neurology, Cardiology, Infectious Diseases, Other Indications), By Therapy, By Application

<https://marketpublishers.com/r/A0D3E23ED91CEN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: A0D3E23ED91CEN

Abstracts

The Advanced Therapeutics Pharmaceutical Outsourcing Market is valued at USD 10.3 billion in 2025 and is projected to grow at a CAGR of 6.1% to reach USD 17.5 billion by 2034. The Advanced Therapeutics Pharmaceutical Outsourcing Market is a specialized sector focused on providing contract services for the development and manufacturing of advanced therapies. This market encompasses a range of services, including cell therapy manufacturing, gene therapy production, and viral vector development. Advanced therapeutics outsourcing is valued for its ability to accelerate development timelines and reduce costs. The market is driven by the increasing demand for advanced therapies and the growing complexity of manufacturing processes.

The market is characterized by rapid innovation in manufacturing technologies, quality control measures, and regulatory compliance. The development of scalable and cost-effective production platforms is driving the market forward. The integration of automation and digital technologies is also enhancing the efficiency and reliability of manufacturing processes. Furthermore, the increasing demand for specialized expertise and infrastructure is driving market growth. The market is also seeing a trend towards integrated service providers and end-to-end solutions.

Geographically, the advanced therapeutics pharmaceutical outsourcing market is expanding globally, with significant activity in developed regions and emerging economies. Developed regions are leading the way in technology adoption, driven by their advanced biotechnology industries and strong demand for innovative therapies. Emerging economies are also showing increasing interest in advanced therapeutics outsourcing, driven by the growing healthcare sector and the need for affordable manufacturing solutions. The market's future is promising, with continuous innovation and increasing adoption expected to drive growth.

Key Insights Advanced Therapeutics Pharmaceutical Outsourcing Market

Cell Therapy Manufacturing: Specialized facilities for cell-based therapies.

Gene Therapy Production: Viral vector manufacturing and gene delivery.

Automation and Digital Technologies: Enhancing efficiency and reliability.

Integrated Service Providers: End-to-end solutions from development to manufacturing.

Scalable Manufacturing: Cost-effective production platforms.

Advanced Therapy Demand: Increasing demand for cell and gene therapies.

Manufacturing Complexity: Need for specialized expertise and infrastructure.

Cost Reduction: Outsourcing to reduce manufacturing costs.

Accelerated Timelines: Faster development and commercialization.

Regulatory Compliance: Meeting stringent regulations for advanced therapies.

Quality Control: Ensuring consistent product quality and safety.

Regulatory Hurdles: Navigating complex regulatory requirements.

Capacity Constraints: Meeting the growing demand for manufacturing capacity.

Technology Transfer: Seamless transfer of processes and technologies.

Skilled Workforce: Availability of trained personnel.

Advanced Therapeutics Pharmaceutical Outsourcing Market Segmentation

By Service Type

Contract Research Organizations (CROs)

Contract Development And Manufacturing Organizations (CDMOs)

By Indication

Oncology

Neurology

Cardiology

Infectious Diseases

Other Indications

By Therapy

Cell Therapy

Gene Therapy

RNA-based Therapies

By Application

Preclinical Services

Clinical Services

Commercial Manufacturing And Packaging

Key Companies Analysed

Thermo Fisher Scientific Inc.

Laboratory Corporation of America Holdings

IQVIA

ICON plc

SGS SA

Lonza Group

Parexel International Corporation

WuXi AppTec

Syneos Health

Catalent Inc.

Charles River Laboratories International

Recipharm AB

Croda International Plc

Samsung Biologics

Vetter Pharma International GmbH

Medpace Holdings Inc.

Fujifilm Diosynth Biotechnologies

Marken

AGC Biologics

Evotec SE

ProPharma Group

Piramal Pharma Solutions

Corden Pharma International LLC

Novotech Pty Ltd.

Cryoport Systems Inc.

Cytovance Biologics

Advanced Therapeutics Pharmaceutical Outsourcing Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Advanced Therapeutics Pharmaceutical Outsourcing Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are

analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Advanced Therapeutics Pharmaceutical Outsourcing market data and outlook to 2034

United States

Canada

Mexico

Europe — Advanced Therapeutics Pharmaceutical Outsourcing market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Advanced Therapeutics Pharmaceutical Outsourcing market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Advanced Therapeutics Pharmaceutical Outsourcing
market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Advanced Therapeutics Pharmaceutical
Outsourcing market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Advanced Therapeutics Pharmaceutical Outsourcing value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Advanced Therapeutics Pharmaceutical Outsourcing industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Advanced Therapeutics Pharmaceutical Outsourcing Market Report

Global Advanced Therapeutics Pharmaceutical Outsourcing market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Advanced Therapeutics Pharmaceutical Outsourcing trade, costs, and supply chains

Advanced Therapeutics Pharmaceutical Outsourcing market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Advanced Therapeutics Pharmaceutical Outsourcing market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Advanced Therapeutics Pharmaceutical Outsourcing market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Advanced Therapeutics Pharmaceutical Outsourcing supply chain analysis

Advanced Therapeutics Pharmaceutical Outsourcing trade analysis, Advanced Therapeutics Pharmaceutical Outsourcing market price analysis, and Advanced Therapeutics Pharmaceutical Outsourcing supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Advanced Therapeutics Pharmaceutical Outsourcing market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET SUMMARY, 2025

- 2.1 Advanced Therapeutics Pharmaceutical Outsourcing Industry Overview
 - 2.1.1 Global Advanced Therapeutics Pharmaceutical Outsourcing Market Revenues (In US\$ billion)
- 2.2 Advanced Therapeutics Pharmaceutical Outsourcing Market Scope
- 2.3 Research Methodology

3. ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET INSIGHTS, 2024-2034

- 3.1 Advanced Therapeutics Pharmaceutical Outsourcing Market Drivers
- 3.2 Advanced Therapeutics Pharmaceutical Outsourcing Market Restraints
- 3.3 Advanced Therapeutics Pharmaceutical Outsourcing Market Opportunities
- 3.4 Advanced Therapeutics Pharmaceutical Outsourcing Market Challenges
- 3.5 Tariff Impact on Global Advanced Therapeutics Pharmaceutical Outsourcing Supply Chain Patterns

4. ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET ANALYTICS

- 4.1 Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Advanced Therapeutics Pharmaceutical Outsourcing Market

4.5.1 Advanced Therapeutics Pharmaceutical Outsourcing Industry Attractiveness Index, 2025

4.5.2 Advanced Therapeutics Pharmaceutical Outsourcing Supplier Intelligence

4.5.3 Advanced Therapeutics Pharmaceutical Outsourcing Buyer Intelligence

4.5.4 Advanced Therapeutics Pharmaceutical Outsourcing Competition Intelligence

4.5.5 Advanced Therapeutics Pharmaceutical Outsourcing Product Alternatives and Substitutes Intelligence

4.5.6 Advanced Therapeutics Pharmaceutical Outsourcing Market Entry Intelligence

5. GLOBAL ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Advanced Therapeutics Pharmaceutical Outsourcing Sales Outlook and CAGR Growth By Service Type, 2024- 2034 (\$ billion)

5.2 Global Advanced Therapeutics Pharmaceutical Outsourcing Sales Outlook and CAGR Growth By Indication, 2024- 2034 (\$ billion)

5.3 Global Advanced Therapeutics Pharmaceutical Outsourcing Sales Outlook and CAGR Growth By Therapy, 2024- 2034 (\$ billion)

5.4 Global Advanced Therapeutics Pharmaceutical Outsourcing Sales Outlook and CAGR Growth By Application, 2024- 2034 (\$ billion)

5.5 Global Advanced Therapeutics Pharmaceutical Outsourcing Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Advanced Therapeutics Pharmaceutical Outsourcing Market Insights, 2025

6.2 Asia Pacific Advanced Therapeutics Pharmaceutical Outsourcing Market Revenue Forecast By Service Type, 2024- 2034 (USD billion)

6.3 Asia Pacific Advanced Therapeutics Pharmaceutical Outsourcing Market Revenue Forecast By Indication, 2024- 2034 (USD billion)

6.4 Asia Pacific Advanced Therapeutics Pharmaceutical Outsourcing Market Revenue Forecast By Therapy, 2024- 2034 (USD billion)

6.5 Asia Pacific Advanced Therapeutics Pharmaceutical Outsourcing Market Revenue

Forecast By Application, 2024- 2034 (USD billion)

6.6 Asia Pacific Advanced Therapeutics Pharmaceutical Outsourcing Market Revenue

Forecast by Country, 2024- 2034 (USD billion)

6.6.1 China Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Opportunities, Growth 2024- 2034

6.6.2 India Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Opportunities, Growth 2024- 2034

6.6.3 Japan Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Opportunities, Growth 2024- 2034

6.6.4 Australia Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Opportunities, Growth 2024- 2034

7. EUROPE ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Advanced Therapeutics Pharmaceutical Outsourcing Market Key Findings, 2025

7.2 Europe Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Percentage Breakdown By Service Type, 2024- 2034 (USD billion)

7.3 Europe Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Percentage Breakdown By Indication, 2024- 2034 (USD billion)

7.4 Europe Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Percentage Breakdown By Therapy, 2024- 2034 (USD billion)

7.5 Europe Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Percentage Breakdown By Application, 2024- 2034 (USD billion)

7.6 Europe Advanced Therapeutics Pharmaceutical Outsourcing Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.6.1 Germany Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Trends, Growth Outlook to 2034

7.6.2 United Kingdom Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Trends, Growth Outlook to 2034

7.6.2 France Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Trends, Growth Outlook to 2034

7.6.2 Italy Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Trends, Growth Outlook to 2034

7.6.2 Spain Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA ADVANCED THERAPEUTICS PHARMACEUTICAL

OUTSOURCING MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Advanced Therapeutics Pharmaceutical Outsourcing Market Analysis and Outlook By Service Type, 2024- 2034 (\$ billion)

8.3 North America Advanced Therapeutics Pharmaceutical Outsourcing Market Analysis and Outlook By Indication, 2024- 2034 (\$ billion)

8.4 North America Advanced Therapeutics Pharmaceutical Outsourcing Market Analysis and Outlook By Therapy, 2024- 2034 (\$ billion)

8.5 North America Advanced Therapeutics Pharmaceutical Outsourcing Market Analysis and Outlook By Application, 2024- 2034 (\$ billion)

8.6 North America Advanced Therapeutics Pharmaceutical Outsourcing Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.6.1 United States Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.6.1 Canada Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.6.1 Mexico Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Advanced Therapeutics Pharmaceutical Outsourcing Market Data, 2025

9.2 Latin America Advanced Therapeutics Pharmaceutical Outsourcing Market Future By Service Type, 2024- 2034 (\$ billion)

9.3 Latin America Advanced Therapeutics Pharmaceutical Outsourcing Market Future By Indication, 2024- 2034 (\$ billion)

9.4 Latin America Advanced Therapeutics Pharmaceutical Outsourcing Market Future By Therapy, 2024- 2034 (\$ billion)

9.5 Latin America Advanced Therapeutics Pharmaceutical Outsourcing Market Future By Application, 2024- 2034 (\$ billion)

9.6 Latin America Advanced Therapeutics Pharmaceutical Outsourcing Market Future by Country, 2024- 2034 (\$ billion)

9.6.1 Brazil Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Share and Opportunities to 2034

9.6.2 Argentina Advanced Therapeutics Pharmaceutical Outsourcing Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Advanced Therapeutics Pharmaceutical Outsourcing Market Statistics By Service Type, 2024- 2034 (USD billion)

10.3 Middle East Africa Advanced Therapeutics Pharmaceutical Outsourcing Market Statistics By Indication, 2024- 2034 (USD billion)

10.4 Middle East Africa Advanced Therapeutics Pharmaceutical Outsourcing Market Statistics By Therapy, 2024- 2034 (USD billion)

10.5 Middle East Africa Advanced Therapeutics Pharmaceutical Outsourcing Market Statistics By Therapy, 2024- 2034 (USD billion)

10.6 Middle East Africa Advanced Therapeutics Pharmaceutical Outsourcing Market Statistics by Country, 2024- 2034 (USD billion)

10.6.1 Middle East Advanced Therapeutics Pharmaceutical Outsourcing Market Value, Trends, Growth Forecasts to 2034

10.6.2 Africa Advanced Therapeutics Pharmaceutical Outsourcing Market Value, Trends, Growth Forecasts to 2034

11. ADVANCED THERAPEUTICS PHARMACEUTICAL OUTSOURCING MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Advanced Therapeutics Pharmaceutical Outsourcing Industry

11.2 Advanced Therapeutics Pharmaceutical Outsourcing Business Overview

11.3 Advanced Therapeutics Pharmaceutical Outsourcing Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Advanced Therapeutics Pharmaceutical Outsourcing Market Volume (Tons)

12.1 Global Advanced Therapeutics Pharmaceutical Outsourcing Trade and Price Analysis

12.2 Advanced Therapeutics Pharmaceutical Outsourcing Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Advanced Therapeutics Pharmaceutical Outsourcing Industry Report Sources and Methodology

I would like to order

Product name: Advanced Therapeutics Pharmaceutical Outsourcing Market Outlook 2025-2034: Market Share, and Growth Analysis By Service Type (Contract Research Organizations (CROs), Contract Development And Manufacturing Organizations (CDMOs)), By Indication (Oncology, Neurology, Cardiology, Infectious Diseases, Other Indications), By Therapy, By Application

Product link: <https://marketpublishers.com/r/A0D3E23ED91CEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A0D3E23ED91CEN.html>