

# Cell Expansion Market Segments, Drivers, Restraints, And Trends For 2024-2033

*Cell Expansion Market Size, Trends, And Forecast 2024-2033*

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The cell expansion market has experienced robust growth in recent years, expanding from \$24.65 billion in 2023 to \$28.25 billion in 2024 at a compound annual growth rate (CAGR) of 14.6%. The growth in the historic period can be attributed to public awareness and acceptance, cell-based research applications, rising demand for cell-based therapies, biopharmaceutical industry growth, regenerative medicine advancements.



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Cell Expansion Global Market Size, Share And Growth Analysis For 2024-2033

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What Is The Estimated Market Size Of The Global Cell Expansion Market And Its Annual Growth Rate?

The cell expansion market is projected to continue its strong growth, reaching \$50.39 billion in 2028 at a compound annual growth rate (CAGR) of 15.6%. The growth in the forecast period can be attributed to rising investments in biotechnology, expanding stem cell research, clinical trials and drug development, demand for

personalized medicine, biobanking and cell repositories.

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Growth Driver Of The Cell Expansion Market

The increasing incidence of chronic diseases is expected to propel the demand for cell expansion market going forward. Chronic diseases are long-lasting illnesses that often cannot be healed; however, they are occasionally curable and controllable. Chronic diseases are increasing due to increased use of tobacco products, poor nutrition, physical inactivity, excessive alcohol use, and

others. Cell expansion helps replenish nutrients while preventing the accumulation of toxic metabolic waste products that could impair culture performance.

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Which Market Players Are Steering The Cell Expansion Market Growth?

Key players in the market include Thermo Fisher Scientific Inc., Becton Dickinson and Company, Lonza Group, Corning Inc., Merck KGaA, Sartorius Stedim Biotech SA, Terumo Corporation, MiltenyiBiotec GmbH, Danaher Corporation, Stemcell Technologies Inc., Beckman Coulter Inc., Takara Bio Inc., RepliCel Life Sciences, Neximmune Inc., Celltainer Biotech BV, GE HealthCare Technologies Inc., ReproCELL USA Inc., iXCells Biotechnologies Inc., Neuromics LLC, G&G Technologies Inc., Eppendorf AG, Avantor Inc., Bio-Techne Corporation, BioLife Solutions Inc., Cesca Therapeutics Inc., Core Dynamics Ltd., Lifeline Scientific Inc., Princeton Cryotech Inc., VWR International LLC, Azenta US Inc., MVE Biological Solutions LLC, BioCision LLC, BioSpherix Ltd., Worthington Industries Inc.

What Are The Key Trends That Influence Cell Expansion Market Share And Analysis?

Major companies operating in the cell expansion market are increasing their focus on introducing innovative bioprocessing platform platforms, such as the Quantum Flex Cell Expansion System, to gain a competitive edge in the market. Quantum Flex Cell Expansion System is an advanced bioprocessing platform designed for scalable and flexible expansion of cell therapies, providing efficient and controlled manufacturing capabilities for cell-based medical treatments.

How Is The Global Cell ExpansionMarket Segmented?

- 1) By Cell Type: Mammalian, Microbial, Other Cell Types
- 2) By Product: Consumables, Reagents, Media, Serum, Disposables, Instruments
- 3) By Application: Biopharmaceuticals, Tissue Culture & Engineering, Vaccine Production, Drug Development, Gene Therapy, Cancer Research, Stem Cell Research, Other Applications
- 4) By End-user: Biopharmaceutical & Biotechnology Companies, Research Institutes, Cell Banks, Other End-Users

Geographical Insights: North America Leading The Cell ExpansionMarket

North America was the largest region in the market in 2023. Asia-Pacific is expected to be the fastest-growing region in the report during the forecast period. The regions covered in the report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Cell Expansion Market Definition

The cell expansion refers to a cellular process used to create new cell wall material. Its purpose is to control the loosening of the wall and allow it to stretch and expand in the area. Cell-wall-associated proteins from the expansion family play an essential role in this process.

[Cell Expansion Global Market Report 2024](#) from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Macroeconomic factors affecting the market in the short and long run
- Analysis of the macro and micro economic factors that have affected the market in the past five years
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

An overview of the global cell expansion market report covering trends, opportunities, strategies, and more

The Cell Expansion Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on cell expansion market size, cell expansion market drivers and trends, cell expansion market major players and cell expansion market growth across geographies. This report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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