

Stem Cell Biotechnology Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global stem cell biotechnology market looks promising with opportunities in therapeutic applications, such as musculoskeletal disorders, wounds and injuries, cardiovascular diseases, surgeries, and gastrointestinal diseases. The global stem cell biotechnology market is expected to grow with a CAGR of 10%-12% from 2020 to 2025. The major drivers for this market are increasing awareness of the therapeutic potency of stem cells in effective disease management and increasing public and private investments for the development of stem cell therapies.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global stem cell biotechnology market report, please download the report brochure.

In this market, adipose tissue-derived mesenchymal stem cell is the largest cell source of stem cell biotechnology, whereas musculoskeletal disorder is the largest application. Growth in various segments of the stem cell biotechnology market are given below:

The study includes trends and forecast for the global stem cell biotechnology market by type, cell source, therapeutic application, and region as follows:

By Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Allogeneic Stem Cell Therapy Autologous Stem Cell Therapy

By Cell Source [Value (\$ Million) shipment analysis for 2014 – 2025]:

Adipose Tissue-Derived Mesenchymal Stem Cells Bone Marrow-Derived Mesenchymal Stem Cells Cord Blood/Embryonic Stem Cells Other Cell Sources

By Therapeutic Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Musculoskeletal Disorders Wounds and Injuries Cardiovascular Diseases Surgeries Gastrointestinal Diseases Other Applications

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America United States Canada Mexico Europe United Kingdom Germany France Asia Pacific China India Japan The Rest of the World Brazil

Some of the stem cell biotechnology companies profiled in this report include Osiris Therapeutics, MEDIPOST, Anterogen, Pharmicell, Holostem Therapie Avanzate, JCR Pharmaceuticals, NuVasive, RTI Surgical, AlloSource, and Athersys.

Lucintel forecasts that adipose tissue-derived mesenchymal stem cells will remain the largest cell source segment over the forecast period due to a large number of therapeutic applications offered by adipose tissue-derived stem cells and increasing demand for easy and accessible stem cell sources.

Within this market, musculoskeletal disorders will remain the largest therapeutic application segment over the forecast period due to rising prevalence of musculoskeletal disorders and the availability of a larger number of stem cell therapy products for the treatment of musculoskeletal disorders.

North America will remain the largest region over the forecast period due to the adoption of treatment at an early stage and increasing awareness among people.

Features of the Global Stem Cell Biotechnology Market

Market Size Estimates: Global stem cell biotechnology market size estimation in terms of value (\$M) shipment. Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments. Segmentation Analysis: Global stem cell biotechnology market size by various segments, such as type, cell source, and therapeutic application, in terms of value. Regional Analysis: Global stem cell

biotechnology market breakdown by North America, Europe, Asia Pacific, and Rest of the World. Growth Opportunities: Analysis of growth opportunities in different types, cell sources, therapeutic applications, and regions for the global stem cell biotechnology market. Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global stem cell biotechnology market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

- Q.1 What are some of the most promising potential, high-growth opportunities for the global stem cell biotechnology market by type (allogeneic stem cell therapy and autologous stem cell therapy), cell source (adipose tissue-derived mesenchymal stem cells, bone marrow-derived mesenchymal stem cells, cord blood/embryonic stem cells, and other cell sources), therapeutic application (musculoskeletal disorders, wounds and injuries, cardiovascular diseases, surgeries, gastrointestinal diseases, and other applications), and region (North America, Europe, Asia Pacific, and Rest of the World)?
- Q.2 Which segments will grow at a faster pace and why?
- Q.3 Which region will grow at a faster pace and why?
- Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global stem cell biotechnology market?
- Q.5 What are the business risks and threats to the global stem cell biotechnology market?
- Q.6 What are the emerging trends in this stem cell biotechnology market and the reasons behind them?
- Q.7 What are some changing demands of customers in the stem cell biotechnology market?
- Q.8 What are the new developments in this stem cell biotechnology market? Which companies are leading these developments?
- Q.9 Who are the major players in the stem cell biotechnology market? What strategic initiatives are being implemented by key players for business growth?
- Q.10 What are some of the competitive products and processes in the stem cell biotechnology market, and how big of a threat do they pose for loss of market share via material or product substitution?
- Q.11 What M&A activities did take place in the last five years in the global stem cell biotechnology market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecast, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions, & Joint Venture, and Company Profiling

Market Segments Type (Allogeneic Stem Cell Therapy and Autologous Stem Cell Therapy), Cell Source (Adipose Tissue-Derived Mesenchymal Stem Cells, Bone Marrow-Derived Mesenchymal Stem Cells, Cord Blood/Embryonic Stem Cells, and Other Cell Sources), and Therapeutic Application (Musculoskeletal Disorders, Wounds and Injuries, Cardiovascular Diseases, Surgeries, Gastrointestinal Diseases, and Other Applications)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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8.8: RTI Surgical, Inc.

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