

Mesenchymal Stem Cells Market Size, Trends, Analysis, and Outlook By Product & Services (Products, Services), By Workflow (Cell Sourcing & Isolation, Culture & Cryopreservation, Differentiation, Characterization), By Type (Autologous, Allogeneic), By Source of Isolation (Bone Marrow, Cord Blood, Peripheral BloodFallo, pian Tube, Fetal Liver, Lung, Adipose Tissues), By Indication (Bone And Cartilage Repair, Cardiovascular Disease, Inflammatory And Immunological Diseases, Liver Diseases, Cancer, GvHD, Others), By Application (Disease Modelling, Drug Development & Discovery, Stem Cell Banking, Tissue Engineering, Toxicology Studies, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/M2164BCA3D9BEN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: M2164BCA3D9BEN

Abstracts

The global Mesenchymal Stem Cells market size is poised to register 12.94% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Mesenchymal Stem Cells market across By Product & Services (Products, Services), By Workflow (Cell Sourcing & Isolation, Culture & Cryopreservation, Differentiation, Characterization), By Type (Autologous, Allogeneic), By Source of Isolation (Bone Marrow, Cord Blood, Peripheral BloodFallo, pian Tube, Fetal Liver, Lung, Adipose Tissues), By Indication (Bone And Cartilage Repair, Cardiovascular Disease, Inflammatory And Immunological Diseases,

Liver Diseases, Cancer, GvHD, Others), By Application (Disease Modelling, Drug Development & Discovery, Stem Cell Banking, Tissue Engineering, Toxicology Studies, Others).

The Mesenchymal Stem Cells (MSCs) Market is witnessing growth driven by the increasing applications of MSC-based therapies in regenerative medicine, tissue engineering, and immunotherapy. MSCs are multipotent stem cells found in various tissues such as bone marrow, adipose tissue, and umbilical cord blood, with the ability to differentiate into multiple cell types and modulate immune responses. Key trends shaping its future include the development of standardized protocols for MSC isolation, expansion, and characterization to ensure safety and efficacy in clinical applications, the optimization of MSC delivery routes and dosing regimens for targeted tissue repair and inflammation modulation, and the customization of MSC therapies for specific diseases and patient populations. Moreover, factors such as the growing prevalence of chronic diseases, the advancements in cell manufacturing and bioprocessing technologies, and the expansion of clinical trials and regulatory approvals for MSC-based therapies are expected to drive market growth in 2024 and beyond.

Mesenchymal Stem Cells Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Mesenchymal Stem Cells market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Mesenchymal Stem Cells survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Mesenchymal Stem Cells industry.

Key market trends defining the global Mesenchymal Stem Cells demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Mesenchymal Stem Cells Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Mesenchymal Stem Cells industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Mesenchymal Stem Cells companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Mesenchymal Stem Cells industry

Leading Mesenchymal Stem Cells companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Mesenchymal Stem Cells companies.

Mesenchymal Stem Cells Market Study- Strategic Analysis Review

The Mesenchymal Stem Cells market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Mesenchymal Stem Cells Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Mesenchymal Stem Cells industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Mesenchymal Stem Cells Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Mesenchymal Stem Cells Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Mesenchymal Stem Cells market segments. Similarly, Strong end-user demand is encouraging Canadian Mesenchymal Stem Cells companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Mesenchymal Stem Cells market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Mesenchymal Stem Cells Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Mesenchymal Stem Cells industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Mesenchymal Stem Cells market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Mesenchymal Stem Cells Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Mesenchymal Stem Cells in Asia Pacific. In particular, China, India, and South East Asian Mesenchymal Stem Cells markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Mesenchymal Stem Cells Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Mesenchymal Stem Cells Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Mesenchymal Stem Cells market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Mesenchymal Stem Cells.

Mesenchymal Stem Cells Market Company Profiles

The global Mesenchymal Stem Cells market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Axol Biosciences Ltd, BrainStorm Cell Ltd, Cell Applications Inc, Celprogen Inc, Cyagen Biosciences,

Cytori Therapeutics Inc, Merck KGaA, PromoCell GmbH, STEMCELL Technologies, Stemedica Cell Technologies Inc, Thermo Fisher Scientific Inc

Recent Mesenchymal Stem Cells Market Developments

The global Mesenchymal Stem Cells market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Mesenchymal Stem Cells Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product & Services

Mesenchymal Stem Cells Market Size, Trends, Analysis, and Outlook By Product & Services (Products, Services),...

Products

-Cells & Cell Lines

-Kits, Media, & Reagents

-Others

Services

By Workflow

Cell Sourcing & Isolation

Culture & Cryopreservation

Differentiation

Characterization

By Type

Autologous

Allogeneic

By Source of Isolation

Bone Marrow

Cord Blood

Peripheral Blood

Fallopian Tube

Fetal Liver

Lung

Adipose Tissues

By Indication

Bone And Cartilage Repair

Cardiovascular Disease

Inflammatory And Immunological Diseases

Liver Diseases

Cancer

GvHD

Others

By Application

Disease Modelling

Drug Development & Discovery

Stem Cell Banking

Tissue Engineering

Toxicology Studies

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Axol Biosciences Ltd

BrainStorm Cell Ltd

Cell Applications Inc

Celprogen Inc

Cyagen Biosciences

Cytori Therapeutics Inc

Merck KGaA

PromoCell GmbH

STEMCELL Technologies

Stemmedica Cell Technologies Inc

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Mesenchymal Stem Cells Market Overview and Key Findings, 2024
- 1.2 Mesenchymal Stem Cells Market Size and Growth Outlook, 2021- 2030
- 1.3 Mesenchymal Stem Cells Market Growth Opportunities to 2030
- 1.4 Key Mesenchymal Stem Cells Market Trends and Challenges
 - 1.4.1 Mesenchymal Stem Cells Market Drivers and Trends
 - 1.4.2 Mesenchymal Stem Cells Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Mesenchymal Stem Cells Companies

2. MESENCHYMAL STEM CELLS MARKET SIZE OUTLOOK TO 2030

- 2.1 Mesenchymal Stem Cells Market Size Outlook, USD Million, 2021- 2030
- 2.2 Mesenchymal Stem Cells Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. MESENCHYMAL STEM CELLS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. MESENCHYMAL STEM CELLS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Product & Services
 - Products
 - Cells & Cell Lines

-Kits, Media, & Reagents

-Others

Services

By Workflow

Cell Sourcing & Isolation

Culture & Cryopreservation

Differentiation

Characterization

By Type

Autologous

Allogeneic

By Source of Isolation

Bone Marrow

Cord Blood

Peripheral Blood

Fallopian Tube

Fetal Liver

Lung

Adipose Tissues

By Indication

Bone And Cartilage Repair

Cardiovascular Disease

Inflammatory And Immunological Diseases

Liver Diseases

Cancer

GvHD

Others

By Application

Disease Modelling

Drug Development & Discovery

Stem Cell Banking

Tissue Engineering

Toxicology Studies

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

- 5.1 Key Findings for Asia Pacific Mesenchymal Stem Cells Market, 2025
- 5.2 Asia Pacific Mesenchymal Stem Cells Market Size Outlook by Type, 2021- 2030
- 5.3 Asia Pacific Mesenchymal Stem Cells Market Size Outlook by Application, 2021- 2030
- 5.4 Key Findings for Europe Mesenchymal Stem Cells Market, 2025
- 5.5 Europe Mesenchymal Stem Cells Market Size Outlook by Type, 2021- 2030
- 5.6 Europe Mesenchymal Stem Cells Market Size Outlook by Application, 2021- 2030
- 5.7 Key Findings for North America Mesenchymal Stem Cells Market, 2025
- 5.8 North America Mesenchymal Stem Cells Market Size Outlook by Type, 2021- 2030
- 5.9 North America Mesenchymal Stem Cells Market Size Outlook by Application, 2021- 2030
- 5.10 Key Findings for South America Mesenchymal Stem Cells Market, 2025
- 5.11 South America Pacific Mesenchymal Stem Cells Market Size Outlook by Type, 2021- 2030
- 5.12 South America Mesenchymal Stem Cells Market Size Outlook by Application, 2021- 2030
- 5.13 Key Findings for Middle East and Africa Mesenchymal Stem Cells Market, 2025
- 5.14 Middle East Africa Mesenchymal Stem Cells Market Size Outlook by Type, 2021- 2030
- 5.15 Middle East Africa Mesenchymal Stem Cells Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Mesenchymal Stem Cells Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts

- 6.16 Italy Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Mesenchymal Stem Cells Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Mesenchymal Stem Cells Industry Drivers and Opportunities

7. MESENCHYMAL STEM CELLS MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. MESENCHYMAL STEM CELLS COMPANY PROFILES

- 8.1 Profiles of Leading Mesenchymal Stem Cells Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Axol Biosciences Ltd

BrainStorm Cell Ltd

Cell Applications Inc

Celprogen Inc

Cyagen Biosciences

Cytori Therapeutics Inc

Merck KGaA

PromoCell GmbH

STEMCELL Technologies

Stemmedica Cell Technologies Inc

Thermo Fisher Scientific Inc

9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

I would like to order

Product name: Mesenchymal Stem Cells Market Size, Trends, Analysis, and Outlook By Product & Services (Products, Services), By Workflow (Cell Sourcing & Isolation, Culture & Cryopreservation, Differentiation, Characterization), By Type (Autologous, Allogeneic), By Source of Isolation (Bone Marrow, Cord Blood, Peripheral Blood, Fetal Liver, Lung, Adipose Tissues), By Indication (Bone And Cartilage Repair, Cardiovascular Disease, Inflammatory And Immunological Diseases, Liver Diseases, Cancer, GvHD, Others), By Application (Disease Modelling, Drug Development & Discovery, Stem Cell Banking, Tissue Engineering, Toxicology Studies, Others), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/M2164BCA3D9BEN.html>

Price: US\$ 3,980.00 (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/M2164BCA3D9BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970