

Stem Cell Therapy Market by Type (Allogeneic, Autologous), Cell Source (Adipose Tissue, Bone Marrow, Placenta/Umbilical Cord), Therapeutic Application (Musculoskeletal, Wounds, Surgeries, Inflammatory, Autoimmune, Cardiovascular) - Global Forecast to 2028

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Abstracts

The global stem cell therapy market is projected to reach USD 615 million by 2028 from USD 286 million in 2023, at a CAGR of 16.5% during the forecast period. Key market players are focusing on developing new stem cell therapies for various disease conditions this is one of the major factor is likely to impact the market growth in coming years. The increasing number of clinical trials has largely in past few years coupled with rise in FDA approvals for stem cell therapy is anticipated to give momentum to the market growth.

“The allogeneic stem cell segment accounted dominant share in 2022”

The stem cell therapy market is segmented into allogeneic and autologous. Allogeneic segment accounted for the dominant share in 2022. In allogeneic stem cell therapy, one cell source can produce numerous doses, thus making allogeneic therapy economically viable and less time-consuming, these are some of the major elements responsible for the doninat share of the segment. Presently, more than ten approved commercialized allogeneic stem cell therapies are available globally.

“Bone Marrow-derived MSCs segment is anticipated to grow at significant CAGR”

Based on the cell source the global stem cell therapy market is segmented into adipose

tissue-derived MSCs, bone marrow-derived MSCs, placenta/umbilical cord-derived MSCs, and other cell sources. In 2022, the adipose tissue-derived MSCs segment gained dominant share in the stem cell therapy market. Bone marrow-derived mesenchymal stem cells most preferred type for are stem cell therapies. Easy availability of Bone marrow MSCs and less time required for in-vitro processing are some of the major factors likely to give momentum to the use of bone marrow derived MSCs uplifting the segmental growth.

“Asia Pacific region is likely to grow at a faster pace.”

The stem cell therapy market is segmented into North America, Europe, Asia Pacific and Rest of the world. Asia Pacific region is anticipated to grow at a significant CAGR during the forecast period. Rising approvals from the government for stem cell therapy in South Korea. Furthermore, industrial collaborations in the region for stem cell therapy development is further likely to give pace for the market growth in the region. For instance, Reyon Pharmaceutical and Therabest entered into a joint development agreement for NK cell therapy for treating solid cancer. Under this agreement, the two companies will jointly develop iPSC (induced pluripotent stem cell)-derived NK cell therapy ‘TB-100’ for solid cancer indications.

The primary interviews conducted for this report can be categorized as follows:

By Respondent: Supply Side- 80%, and Demand Side - 20%

By Designation (Supply Side): Managers - 45%, CXOs & Directors - 30%, Executives- 25%

By Region: North America -40%, Asia-Pacific -20%, Europe -30%, ROW-10%

List of Companies Profiled in the Report:

Smith+Nephew (UK)

MEDIPOST Co. Ltd. (South Korea)

Anterogen Co. Ltd. (South Korea)

CORESTEM (South Korea)

Pharmicell Co. Ltd. (South Korea)

NuVasive Inc. (US)

RTI Surgical (US)

AlloSource (US)

JCR Pharmaceuticals Co. Ltd. (Japan)

Takeda Pharmaceutical Company Limited (Japan)

Holostem Therapie Avanzate Srl (Italy)

Orthofix (US)

Regrow Biosciences Pvt Ltd. (India)

STEMPEUTICS RESEARCH PVT LTD. (India)

Athersys (US)

Mesoblast Ltd (Australia)

Biorestorative Therapies Inc. (US)

Pluristem Inc. (Israel)

Brainstorm Cell Limited. (US)

ViaCyte Inc. (US)

Gamida Cell (US)

Kangstem Biotech (South Korea)

Hope Biosciences (US)

Cellular Biomedicine Group (US)

Personalized Stem Cells (US)

Research Coverage:

This report provides a detailed picture of the stem cell therapy market. It aims to estimate the size and future growth potential of the market across different segments, such as such as the type, therapeutic applications, and region. The report also includes an in-depth competitive analysis of the key market players, along with their company profiles, recent developments, and key market strategies.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall stem cell therapy market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (Increased funding for stem cell research, rise in collaborations and partnerships is likely to uplift the market growth, Increasing clinical trials for stem cell based-therapies), restraints (Ethical concerns related to embryonic stem cells, high cost of cell-based research), opportunities (The emergence of iPSCs as an alternative to ESCs, growing demand for stem cell and gene therapy) and challenges (Technical limitations) are influencing the growth of stem cell therapy market.

Product Development/Innovation: Detailed insights on newly launched products of the stem cell therapy market.

Market Development: Comprehensive information about lucrative markets – the report analyses the stem cell therapy market across varied regions.

Market Diversification: Exhaustive information about new services, untapped geographies, recent developments, and investments in the stem cell therapy market.

Pipeline Analysis: Detailed information on stem cell therapy under phase 3 clinical trials.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players include Smith+Nephew (UK), MEDIPOST Co. Ltd. (South Korea), Anterogen Co. Ltd. (South Korea), CORESTEM (South Korea) and among others in the stem cell therapy market.

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*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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