

# **Global Stem Cell Therapy Market Size study, By Cell Source (Adipose tissue-derived MSCs (mesenchymal stem cells), Bone marrow-derived MSCs, Placental/umbilical cord-derived MSCs, Other Cell Sources), By Type (Allogeneic Stem Cell Therapy, Autologous Stem Cell Therapy), By Therapeutic Application (Musculoskeletal Disorders, Wounds & Injuries, Cardiovascular Diseases, Surgeries, Inflammatory & Autoimmune Diseases, Neurological Disorders, Other), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Stem Cell Therapy Market is valued approximately USD 160.52 million in 2021 and is anticipated to grow with a healthy growth rate of more than 16.5% over the forecast period 2022-2028.

Stem cells are cells with the ability to grow into various different forms of cells in both animal and human bodies. These cells are majorly served as a repair system for the body and are often used in medicine and surgery. Stem cell therapy is also commonly called centerpiece therapy or regenerative medicine. Regenerative medications have the potential to revive cells and replace those that have been damaged or died. This cell therapy is used to treat a variety of chronic conditions, involves blood and cancer disorders. The growing prevalence of chronic disorders, availability of funding for stem cell research, increasing number of approvals for cell therapy production facilities, coupled with the rising clinical trials for stem cell based-therapies are the primary factors that may surge the market demand across the globe. For instance, in September 2020,

Stemmedica Cell Technologies get investigational new drug (IND) approval by the US FDA for its intravenous allogeneic mesenchymal stem cells (MSCs) for curing moderate to severe COVID-19 patients. Moreover, increasing initiatives by the public and private organizations to spread awareness and development in medical technology, along with rising government investments in healthcare facilities are further factors, which, in turn, surge the global market demand. However, the high cost of cell-based research and ethical concerns associated with the embryonic stem cells impede the growth of the market over the forecast period of 2022-2028. Also, growing demand for cell & gene therapies and the emergence of induced pluripotent stem cells (iPSCs) as an alternative to Embryonic stem cells (ESCs) are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Stem Cell Therapy Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the increasing number of clinical trials and growing public-private funding and research grants for evolving safe & effective stem cell therapy products. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as increasing government support, growing investment in the healthcare sector, as well as an escalating patient pool, would create lucrative growth prospects for the Stem Cell Therapy Market across the Asia-Pacific region.

Major market players included in this report are:

MEDIPOST

Anterogen

Regrow Biosciences

Stempeutics Research

CORESTEM

PHARMICELL

NuVasive

RTI Surgical

AlloSource

JCR Pharmaceuticals

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Cell Source

Adipose Tissue-Derived Mscs (Mesenchymal Stem Cells),

Bone Marrow-Derived Mscs,

Placental/Umbilical Cord-Derived Mscs, And

Other Cell Sources

By Type

Allogeneic Stem Cell Therapy

Autologous Stem Cell Therapy

By Therapeutic Application

Musculoskeletal Disorders

Wounds & Injuries,

Cardiovascular Diseases

Surgeries,

Inflammatory & Autoimmune Diseases

Neurological Disorders,

Other

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Stem Cell Therapy Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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