

# **Global Synthetic Stem Cells Market Size study, by Application (Cardiovascular Disease, Neurological Disorders, Cancer, Diabetes, Gastrointestinal, Musculoskeletal Disorder), By End-Use (Hospitals And Surgical Centers, Academic Institutes, Research Laboratories, Pharmaceutical And Biotechnology Companies, Others) and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Synthetic Stem Cells Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Stem cell therapies work by promoting endogenous repair that is, they help damaged tissue in repairing itself by secreting paracrine factors, including proteins and genetic materials. While stem cell therapies can be effective, they are also associated with some risks of both tumor growth and immune rejection. The increasing incidences of various cardiovascular diseases and government investment in research & development activities have led to the adoption of Synthetic Stem Cells across the forecast period. For Instance: as per the WHO, An estimated 17.9 million people died from CVDs in 2019, representing 32% of all global deaths. Of these deaths, 85% were due to heart attack and stroke. Also, with the development of stem cells for stem line banking, the adoption & demand for Synthetic Stem Cells is likely to increase the market growth during the forecast period. However, unclear and unstructured regulations impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Synthetic Stem Cells Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North

America is the leading region across the world in terms of market share owing to the growing investment in research and development activities. Whereas, Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. Factors such as rising population, rising incidences of injuries and improving healthcare infrastructure would create lucrative growth prospects for the Synthetic Stem Cells Market across Asia-Pacific region.

Major market players included in this report are:

Caladrius Biosciences  
Sangamo Therapeutics  
Athersys  
Pluristem Therapeutics  
Cellular Biomedicine Group  
Vericel  
ThermoGenesis Corp.  
Gamida Cell  
TheraCell Inc.  
VeraTech Biologics, LLC,  
BrainstormCell Therapeutics

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 Application:

Cardiovascular Disease  
Neurological Disorders  
Cancer  
Diabetes  
Gastrointestinal  
Musculoskeletal Disorder

By End Use:

Hospitals and Surgical Centers  
Academic Institutes

Research Laboratories  
Pharmaceutical and Biotechnology Companies  
Others  
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 Synthetic Stem Cells 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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