

# Stem Cells - Global Market Outlook (2020-2028)

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## Abstracts

According to Statistics MRC, the Global Stem Cells Market is accounted for \$23.73 billion in 2020 and is expected to reach \$92.91 billion by 2028 growing at a CAGR of 18.6% during the forecast period. Evolving regulatory frameworks for stem cell therapeutics, an increase in the prevalence of chronic diseases worldwide, growing public-private investments, and funding in stem cell-based research are driving the market growth. However, the low acceptance rate for stem cell therapy treatments, significant operational costs associated with stem cell manufacturing and banking are hampering the growth of the market.

Stem cells possess the potential to develop into different types of cells within the body and are also used to make tissues and cells for treating several diseases. Stem cells are the autologous or allogenic cells that can grow into many types of cells in the in-vivo and in-vitro environment. Stem cell therapy is designed to aid the physician in performing medical treatment of neurodegenerative diseases, diabetes, and heart disease.

Based on the product, the induced pluripotent stem cells (iPSCs) segment is going to have lucrative growth during the forecast period due to the increasing investment for developing regenerative medicines using iPSC, ensured reproducibility and maintenance, capable of differentiation into all the cell types and high proliferative ability and the gaining importance of iPSCs in the treatment of various diseases. By geography, North America is going to have high growth during the forecast period owing to the presence of key players engaged in developing stem cell therapies, advanced healthcare infrastructure, extensive R&D, supportive reforms from healthcare organizations, and strong reimbursement policies.

Some of the key players profiled in the Stem Cells Market include Virgin Health Bank, ThermoGenesis Holdings, Stemcell Technologies, Caladrius Biosciences, Inc.,

RENEURON GROUP PLC, Precious Cells International Ltd, Celgene, Opexa Therapeutics, Mesoblast, Lineage Cell Therapeutics, Cellular Engineering Technologies, Seneca Biopharmaceuticals, Inc., Pluristem Therapeutics Inc., Biovault family and Astellas Pharma.

#### Therapies Covered:

Auto Logic Stem Cell Therapy

Syngeneic Stem Cell Therapy

Allogeneic Stem Cell Therapy

#### Products Covered:

Adult Stem Cells (ASCs)

Very Small Embryonic Like Stem Cells

Natural Rosette Cells

Induced Pluripotent Stem Cells (iPSCs)

Human Embryonic Stem Cells (HESCs)

#### Technologies Covered:

Cell Acquisition

Cell Production

Expansion and Sub-Culture

Cryopreservation

#### Services Covered:

Characterization Services

Stem Cell Acquisition & Testing

Drug Screening & Target Validation

Molecular Biology

Stem Cell Banking

Applications Covered:

Drug Discovery and Development

Regenerative Medicine

Application Areas Covered:

Contract Research Organisation (CRO)

Pharmaceutical/Biotechnology Companies

End Users Covered:

Diseases Therapy

Healthcare

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

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