

Market Analysis

Market Analysis of Stem Cell & Regenerative Medicine 2020

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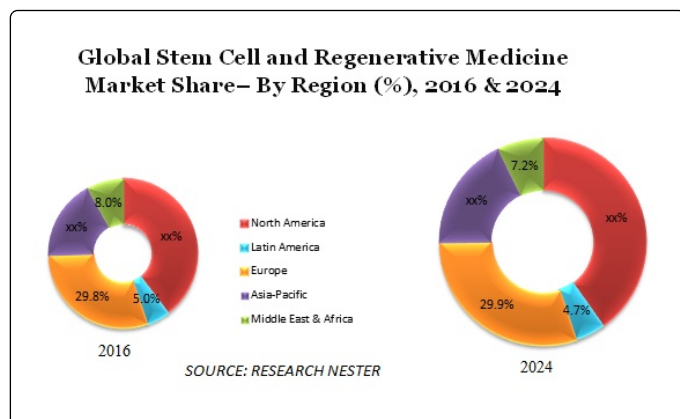
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Stem Cell conference 2020 would offer a powerful global forum to encourage dialogue on the advancements related to public health and Nursing. The Stem Cells 2020 is a platform to share the enormous potential of stem cells researches for the development of novel therapies for disease and injury treatment by targeting stem cells; to address the present challenges and opportunities of translating stem cell researches to the clinic; policies and regulations.

Stem cells are regenerative cells that can differentiate into different kind of specialized cells. Stem cells are thus, biological cells which are used in R&D activities for the discovery of regenerative drugs. Regenerative medicines can restore the functionality of damaged cells and tissues hence they play significant role in the treatment of various diseases.

Market Size & Forecast

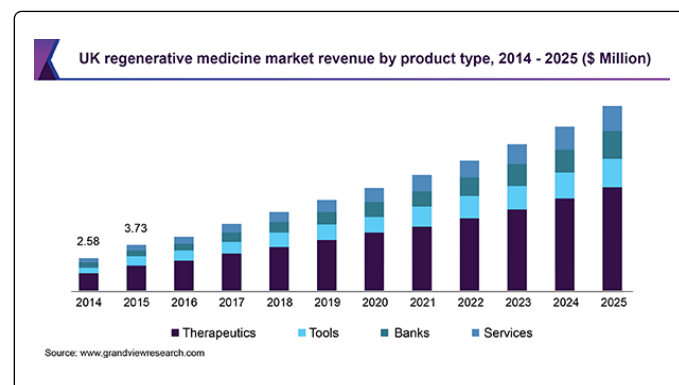
The global stem cell and regenerative medicines market should grow from \$21.8 billion in 2019 to reach \$55.0 billion by 2024 at a compound annual growth rate (CAGR) of 20.4% for the period of 2019-2024.



Stem cell and regenerative medicine market is anticipated to record a significant CAGR of 4.8% with a lucrative growth over the forecast period. The market is majorly driven by technological advancement in diagnostic devices. According to Globocan, in the year 2012, there were over 14 Million cases of different cancers reported all over the globe out of which about 47% were women. Also, according to World Health Organization (WHO), in 2012 there were over 1.5 Million deaths caused due to diabetes.

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The regenerative medicine market is projected to reach USD 38.7 billion by 2024 from USD 13.3 billion in 2019, at a CAGR of 23.8%. Biologics Market growth is largely driven by the rising prevalence of chronic diseases and genetic disorders, growing government investments in regenerative medicine research, and the increasing number of regenerative medicine companies globally. Cell-based immunotherapy & cell therapy products accounted for the largest share of the market in 2019: Based on type, the biologics market is segmented into cell-based immunotherapy & cell therapy products, gene therapy products, and tissue-engineered products. The cell-based immunotherapy & cell therapy products segment dominated stem cell therapy market in 2019. Increasing research and funding and the rising adoption of cell-based immunotherapies for the treatment of cancer are the major factors driving the growth of regenerative stem cell therapy market segment



Increasing use of regenerative medicine in musculoskeletal disorders in 2019: The global regenerative medicine industry is segmented, by applications, into musculoskeletal disorders, wound care, oncology, ocular disorders, diabetes, and other applications. In 2019, the musculoskeletal disorders segment accounted for the largest stem cell therapy market share. The large share of this segment can be attributed to the increasing prevalence of orthopedic diseases, rising geriatric population, increasing number of stem cell research projects, and the rich pipeline of stem cell products for the treatment of musculoskeletal disorders.

North America to grow at the highest rate during the forecast period (2019 - 2024): The regenerative medicine market in North America is expected to grow at a rapid pace in the coming years. There has been a tremendous increase in cell-based research activities in the past decade. Increasing research activities in the field of regenerative medicine and growing awareness of personalized medicine have also resulted in the establishment of Stem Cell Banking and tissue engineering. North America has both public and private banks that store a limited number of cells and tissues. Based on regional platform, global stem cell and regenerative medicine market is segmented into five major regions including North America, Europe, Asia Pacific, Latin America and Middle East & Africa region. North America holds the highest shares in global stem cell and regenerative medicine market followed by Europe due to growth and expansion of pharmaceutical industry in the region.

Market Segmentation

Our-in depth analysis of the global stem cell and regenerative medicine market includes the following segments:

By Product

- Adult Stem Cells
- Neural Stem Cells
- Hematopoietic Stem Cells
- Mesenchymal Stem Cells
- Umbilical Cord Stem Cells
- Epithelial Stem cells and Skin Stem Cells
- Human Embryonic Stem Cells
- Induced Pluripotent Stem Cells
- Very Small Embryonic Like Stem Cells

By Application

- Regenerative Medicine
- Neurology Regenerative Medicine
- Oncology Regenerative Medicine
- Cardiovascular & Myocardial Infraction Regenerative Medicine
- Diabetes Regenerative Medicine
- Hematology & Immunology Regenerative Medicine
- Orthopedics Regenerative Medicine
- Other Regenerative Medicine
- Drug Discovery and Development

By Technology

- Cell Acquisition
- Bone Marrow Harvest
- Umbilical Blood Cord
- Apheresis
- Cell Production
- Therapeutic Cloning
- In-vitro Fertilization
- Cell Culture
- Isolation
- Cryopreservation
- Expansion and Sub-Culture

By End-User

- Pharmaceutical & Biotechnology Industry

- Medical industry
- Research institutes

Key Players

- Kite Pharma (US)
- Cellartis AB
- Vericel Corporation (US)
- Novartis (Switzerland)
- Wright Medical (US)
- Bio Time Inc.
- Integra LifeSciences (US)
- Advanced Cell Technology Inc.
- MiMedx (US)
- Medtronic, Inc.
- Osiris Therapeutics (US)
- Cellular Engineering Technologies Inc.
- Stryker Corporation (US)
- Zimmer Holdings, Inc.
- Spark Therapeutics (US)
- Orthofix, Inc.
- International Stem Cell Corporation
- NuVasive, Inc.

Product launches and acquisitions are the key growth strategies followed by most players in [regenerative stem cell therapy](#) market.

Distinguished speakers from different parts of the world would be delivering vital and thought-provoking information on all key topics at [Stem Cell Conference 2020](#), unveiling the recent innovations in Stem cell research. Significant features of these scientific events are the well-structured scientific sessions, research presentations on recent researches, workshops, symposia and B2B meetings among Academicians, Researchers and Industry key leaders. Besides that, Poster Presentations, Young Researchers Forum and live streaming of the talks connects the scientific world together and brings them all beneath a single roof.