

Global Human Embryonic Stem Cells Market Size, Share And Growth Analysis For 2024-2033

The Business Research Company's Human Embryonic Stem Cells Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

LONDON, GREATER LONDON, UK, July 23, 2024 /EINPresswire.com/ -- The [human embryonic stem cells market](#) has experienced robust growth in recent years, expanding from \$1.13 billion in 2023 to \$1.24 billion in 2024

at a compound annual growth rate (CAGR) of 10.1%. The growth in the historic period can be attributed to funding and investments, regulatory approvals, public awareness, the emergence of regenerative medicine, and expanded clinical applications.

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The human embryonic stem cells market size is expected to see rapid growth in the next few years. It will grow to \$1.83 billion in 2028 at a compound annual growth rate (CAGR) of 10.3%.”

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Strong Future Growth Anticipated

The human embryonic stem cells market is projected to continue its strong growth, reaching \$1.83 billion in 2028 at a compound annual growth rate (CAGR) of 10.3%. The growth in the forecast period can be attributed to an upsurge in several cell therapy production facilities, increasing demand for regenerative therapies, increasing incidence of cardiac and malignant diseases, advancements in stem cell biology research, and awareness about stem cell therapeutic potency.

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Growth Driver Of The Human Embryonic Stem Cells Market

The government funding for the development of regenerative medicine is expected to propel the



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growth of the human embryonic stem cells market going forward. Regenerative medicine is a field of healthcare focused on repairing, replacing, or regenerating damaged tissues or organs to restore normal function in the body. There is increasing government funding for the development of regenerative medicine due to factors such as the rising prevalence of chronic diseases, advancements in stem cell research, and the potential for innovative treatments to improve patient outcomes. Human embryonic stem cells are utilized in regenerative medicine to develop potential therapies for repairing or replacing damaged tissues and organs in the body.

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Major Players And Market Trends

Key players in the human embryonic stem cells market include Thermo Fisher Scientific Inc., Takeda Pharmaceutical Company Limited, Gilead Sciences Inc., Merck KgaA, Astellas Pharma Inc., Lonza Group, PerkinElmer Inc., R&D Systems, LifeCell, Takara Bio Inc., ViaCyte Inc., PromoCell GmbH, CellGenix GmbH, PeproTech Inc.

Major companies operating in the human embryonic stem cell market are focused on expanding into diverse therapeutic applications such as pluripotent stem cells for Parkinson's disease treatment, and gaining a competitive edge in the market. Pluripotent stem cells for Parkinson's disease are used to generate dopaminergic neurons, aiming to replace the lost dopamine-producing neurons and restore motor function.

Segments:

- 1) By Type: Totipotent Stem Cells, Pluripotent Stem Cells, Unipotent Stem Cells
- 2) By Product: Regenerative Medicine, Stem Cell Biology Research, Tissue Engineering, Toxicology Testing
- 3) By Application: Research, Clinical Trials, Other Applications

Geographical Insights: North America Leading The Market

North America was the largest region in the human embryonic stem cells market in 2023. Asia-Pacific is expected to be the fastest-growing region in the forecast period. The regions covered in the human embryonic stem cells market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Human Embryonic Stem Cells Market Definition

Human embryonic stem cells (hESCs) are pluripotent cells derived from the inner cell mass of a blastocyst, an early-stage embryo. These cells have the unique ability to differentiate into any cell type in the human body, making them incredibly valuable for various research and therapeutic purposes. The primary uses of hESCs includes developing treatments for diseases and injuries by generating healthy tissue and studying the progression and treatment of diseases in a controlled environment.

Human Embryonic Stem Cells Global Market Report 2024 from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Human Embryonic Stem Cells Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [human embryonic stem cells market size](#), human embryonic stem cells market drivers and trends, human embryonic stem cells market major players, human embryonic stem cells competitors' revenues, human embryonic stem cells market positioning, and human embryonic stem cells market growth across geographies. The human embryonic stem cells market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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