Hematopoietic Stem Cell Transplantation Market is expected to reach US$ 15 Billion by 2033: FMI Study

North America is poised to dominate the hematopoietic stem cell transplantation market due to rising leukemia cases and substantial R&D investments.

FMI Logo

NEWARK, DELAWARE, UNITED STATES OF AMERICA, November 8, 2023 /EINPresswire.com/ -- The hematopoietic stem cell transplantation market was valued at US$ 7 billion in 2023 and is projected to grow at a compound annual growth rate (CAGR) of 8% from 2023 to 2033, reaching a total market value of US$ 15 billion. Over the projected period, there is expected to be a significant increase in the global hematopoietic stem cell transplantation sector due to the increased incidence of leukaemia and lymphoma.

According to the World Health Organization (WHO), more than 2000 cord blood hematopoietic stem cell transplants are performed each year (WHO). Hematopoietic stem cells can be found in bone marrow and blood (HSCs). They are also known as hematopoietic progenitor cells (HPCs). Platelets, white blood cells, and red blood cells, among other blood types, can be produced by hematopoietic stem cells. In the treatment of malignant (such as lymphoma and leukaemia) and non-malignant (such as bone marrow failure and hemoglobinopathies), these cells are used to rebuild or replace a patient’s hematopoietic system.

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Another important element impacting the growth rate of the hematopoietic stem cell transplantation market is growing healthcare spending, which aids in infrastructure improvement. Numerous government organizations intend to improve healthcare infrastructure by boosting financing, which would have an impact on market dynamics. Because of the increased success rate of transplants and growing healthcare spending in this area, North America leads the hematopoietic stem cell transplantation market. The presence of significant important players would accelerate the industry’s growth rate in this area.

Key Takeaways:

FMI projects the global hematopoietic stem cell transplantation market to expand at an 8% value CAGR by 2033.

The global hematopoietic stem cell transplantation market is estimated at a market value of US$ 7 Billion.

The global hematopoietic stem cell transplantation market is expected to garner a market value of US$ 15 Billion.

North America is expected to grow at a CAGR of 7.9% in the assessment period 2023 to 2033.

Europe is expected to grow at a CAGR of 7.6% in the assessment period 2023 to 2033.

Asia Pacific is expected to grow at a CAGR of 7.5% in the assessment period 2023 to 2033.

The bone marrow segment is expected to hold the largest market share for hematopoietic stem cell transplantation in the forecast period 2023 to 2033.

“The market’s expansion is being propelled by an increase in the number of R&D activities. This will create advantageous chances for the expansion of the hematopoietic stem cell transplantation market. Additionally, growing medication approvals and launches will accelerate the market’s growth pace,” opines Sabyasachi Ghosh Associate Vice President at Future Market Insights (FMI).

Market Competition

Key players in the hematopoietic stem cell transplantation market are Pluristem Therapeutics Inc., CellGenix GmbH, Regen Biopharma Inc., Lonza Group, Sanofi, Taiga Biotechnologies, Inc., Takeda Pharmaceutical Company Limited, Escape Therapeutics, Inc., Bluebird Bio and Talaris Therapeutics.

Recent Developments:

In December 2022, despite missing the primary endpoint, Takeda’s Phase 3 AURORA study shows that maribavir has a clinically meaningful and long-lasting effect on Cytomegalovirus (CMV) infection in hematopoietic stem cell transplant patients.

In November 2022, Lonza, a trusted partner in the pharmaceutical, biotech, and nutraceutical industries, has introduced an innovative new capsule solution for enteric drug administration. The Capsugel EnprotectTM capsule does not dissolve in the stomach and releases its contents only in the intestine. By eliminating the need for extra capsule coating or sealing, Capsugel Enprotect capsules greatly simplify the medicinal product production process.

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Hematopoietic Stem Cell Transplantation Market Segmentation:

By Transplant Type:

Allogeneic
Autologous

By Indication:

Acute Myeloid Leukemia
Acute Lymphoblastic Leukemia
Hodgkin Lymphoma
Non-Hodgkin Lymphoma
Multiple Myeloma
Other Non-Malignant Disorders

By Application:

Bone Marrow Transplant
Peripheral Blood Stem Cells Transplant
Cord Blood Transplant

By Region:

North America
Latin America
Europe
Asia Pacific
Middle East & Africa (MEA)

Author By:

Sabyasachi Ghosh (Associate Vice President at Future Market Insights, Inc.) holds over 12 years of experience in the Healthcare, Medical Devices, and Pharmaceutical industries. His curious and analytical nature helped him shape his career as a researcher.

Identifying key challenges faced by clients and devising robust, hypothesis-based solutions to empower them with strategic decision-making capabilities come naturally to him. His primary expertise lies in areas such as Market Entry and Expansion Strategy, Feasibility Studies, Competitive Intelligence, and Strategic Transformation.

Holding a degree in Microbiology, Sabyasachi has authored numerous publications and has been cited in journals, including The Journal of mHealth, ITN Online, and Spinal Surgery News.

Explore Future Market Insights, Inc. Extensive Coverage in Healthcare Market Domain:

Bone Marrow Transplant Market Analysis: The market is anticipated to flourish at an average CAGR of 3.4% between 2023 and 2033.

Cell Line Development Services Market Sales: Global market demand is anticipated to be valued at US$ 6,365.2 million in 2023.

About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 5000 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries

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