

Egypt Stem Cell Banking Market By Source (Placental Stem Cells, Adipose Tissue Derived Stem Cells, Bone Marrow Derived Stem Cells, Human Embryo Derived Stem Cells, Others), By Service Type (Sample Preservation & Storage, Sample Analysis, Sample Processing, Sample Collection & Transportation), By Application (Research v/s Clinical), By Region, Competition, Forecast & Opportunities, 2028F

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Report description:

Egypt Stem Cell Banking market is expected to register impressive growth in the coming years. This can be attributed to the increasing awareness among the public about the potential of stem cell therapies and government initiatives to promote stem cell research and regenerative medicine. Furthermore, increasing healthcare expenditure in the country is further expected to support the growth of Egypt Stem Cell Banking Market during the forecast period. According to the Planning and Economic Development Ministry of Egypt, the government expenditure on the health sector reached USD18.67 billion (572 billion Egyptian pounds) in the period ranging between 2014 and 2021, with a 285 percent growth rate. At the same time, the investments in the healthcare sector exceeded USD 4.31 billion (132 billion Egyptian pounds) in the relevant period, with a growth rate of 450 percent. Additionally, the growing prevalence of various chronic disorders such as hematopoietic disorders, rare genetic disorders, and autoimmune disorders, among others, is further expected to increase the demand for stem cell banking, thereby supporting the growth of Egypt stem cell banking market. Thalassemia is the most common hereditary hemoglobinopathy in Egypt. There are 10,000 registered cases in addition to more than 20,000 non-registered cases, 95% of whom are beta-thalassemia major (BTM). The carrier state is between 9 and 11%. Similarly, the growing incidence of different types of blood cancers in the country is further expected to increase the demand for stem cell therapy for treatment purposes, thereby positively influencing the growth of Egypt stem cell banking market in the forecast period. According to the global cancer observatory, in 2020, Non-Hodgkin Lymphoma was the fourth most prevalent cancer type in Egypt, with around 7,305 new cases reported and around 4,078 deaths reported due to Non-Hodgkin Lymphoma in the country. Also, 5,231 new cases of Leukemia and around 3,858 deaths due to

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leukemia were reported in Egypt in 2020.

Stem cell banking in Egypt is a developing field that offers promising potential for the future of regenerative medicine. Stem cells are cells that have the ability to differentiate into various types of cells in the body, making them useful for a variety of medical applications. While stem cell banking is still a relatively new field in Egypt, it is gaining traction and has the potential to be a valuable resource for the country's healthcare system. As research continues to uncover new uses for stem cells, the demand for stem cell banking services is likely to increase. This, in turn, is expected to create lucrative opportunities for the growth of Egypt stem cell banking market.

Government Support

The Egyptian government has been supportive of the stem cell banking industry in several ways, which has contributed to the growth of the industry in Egypt. The Egyptian government has been providing funding for stem cell research in universities and research centers across the country. This funding has helped to accelerate research in the field and has led to new discoveries and innovations in stem cell banking and regenerative medicine. This, in turn, is expected to positively influence the growth of Egypt stem cell banking market. Additionally, the government has put in place regulations and guidelines for stem cell banking and research, which have helped to ensure that the industry operates within ethical and legal frameworks. This has helped to build trust in the industry and has made it more attractive to investors. Also, Egyptian government has been collaborating with international organizations and research institutions to promote stem cell research and regenerative medicine. This has led to the exchange of knowledge and expertise, as well as access to funding and resources, which has helped to accelerate research and development in the field, thereby supporting the growth of Egypt stem cell banking market.

Additionally, in August 2022, Egypt's Armed Forces announced signing a contract to build the International Stem Cell and Regenerative Medicine Research and Therapeutic Centre. This deal was signed in cooperation between Armed Forces' Egypt Center for Research and Regenerative Medicine (ECRRM) and the US healthcare corporation SYMX. This initiative clearly illustrates the keenness of Egypt's Armed Forces to support the health system to provide advanced medical services. The international stem cell center will be established as per the most advanced scientific research and cellular therapy. This initiative taken by the Armed Forces of Egypt, along with different initiatives taken by the government, is expected to open new prospects for the growth of Egypt stem cell banking market in the next few years.

Technological Advancements

Technological advancements have played a significant role in driving the growth of stem cell banking in Egypt. These advancements have made stem cell banking more accessible and affordable, which has led to increased demand for these services. Advances in technology have made it possible to automate the processing of stem cells, which has improved the efficiency and accuracy of the process. This has also reduced the cost of stem cell banking and made it more accessible to a wider range of people, thereby driving the growth of Egypt stem cell banking market. Additionally, advances in molecular diagnostics have made it possible to identify and isolate stem cells more accurately and efficiently. This has improved the quality of stem cell banking and has made it possible to preserve a wider range of stem cell types.

Cryopreservation is a process that involves freezing stem cells at very low temperatures to preserve them for long periods of time. Advances in cryopreservation technology have made it possible to store stem cells for longer periods of time, which has increased the potential for their use in the future. This, in turn, is expected to support the growth of Egypt stem cell banking market.

Increasing Awareness among the Population

Increasing awareness is a major driver of the growth of Egypt stem cell banking market. As more people become aware of the potential of stem cell therapies for treating a range of diseases and conditions, there is greater demand for stem cell banking services to preserve these valuable cells for potential future use. Stem cell banking companies in Egypt are engaging in education and outreach programs to increase awareness among the public about the potential of stem cell therapies and the benefits of stem cell banking. This includes seminars, workshops, and other events that are aimed at educating people about stem cell banking and its potential uses. Additionally, there are several advocacy groups in Egypt that are focused on promoting stem cell research and regenerative medicine. These groups are working to raise awareness about the potential of these therapies and to advocate for increased funding for stem cell research. This, in turn, is expected to support the growth of Egypt stem cell banking market.

Also, as more patients in Egypt are treated with stem cell therapies, there is increasing awareness of the potential benefits of

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these therapies. This has led to greater interest in stem cell banking as a means of preserving these valuable cells for potential future use.

Market Segmentation

Egypt Stem Cell Banking market is segmented into source, service type, application, region, and company. Based on source, Egypt Stem Cell Banking market is divided into placental stem cells, adipose tissue-derived stem cells, bone marrow-derived stem cells, human embryo-derived stem cells, and others. Based on service type, Egypt stem cell banking market is categorized into sample preservation & storage, sample analysis, sample processing, and sample collection & transportation. Based on application, Egypt stem cell banking market is bifurcated into research and clinical. The research applications can be further segmented into disease treatment studies, drug discovery, and life science research. The clinical applications are further fragmented into hematopoietic disorders, autoimmune disorders, and others. Regionally, Egypt Stem Cell Banking market can be split into Cairo, Alexandria, Giza, Qalyubia, Port Said, Suez, and the Rest of Egypt.

Market Players

Cell Safe Bank, StemPlus-Egypt, Cells4Life, Smart Cells-Egypt, and Cell Save Arabia-Egypt are some of the leading companies operating in the Egypt Stem Cell Banking Market.

Report Scope:

In this report, Egypt Stem Cell Banking market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

□ Egypt Stem Cell Banking Market, By Source:

- Placental Stem Cells
- Adipose Tissue-Derived Stem Cells
- Bone Marrow Derived Stem Cells
- Human Embryo-Derived Stem Cells
- Others

□ Egypt Stem Cell Banking Market, By Service Type:

- Sample Preservation & Storage
- Sample Analysis
- Sample Processing
- Sample Collection & Transportation

□ Egypt Stem Cell Banking Market, By Application:

- Research
- Disease Treatment Studies
- Drug Discovery
- Life Science Research
- Clinical
- Hematopoietic Disorders
- Autoimmune Disorders
- Others

□ Egypt Stem Cell Banking Market, By Region:

- Cairo
- Alexandria
- Giza
- Qalyubia
- Port Said
- Suez
- Rest of Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present Egypt Stem Cell Banking market.

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Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

? Detailed analysis and profiling of additional market players (up to five).

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