

# **Cell Banking Outsourcing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2017-2027 Segmented By Type (Master Cell Banking, Working Cell Banking, Viral Cell Banking), By Cell Type (Stem Cell v/s Non-Stem Cell), By Phase (Bank Storage, Bank Characterization & Testing, Bank Preparation), By Company, and By Region**

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## **Abstracts**

The global cell banking outsourcing market is anticipated to observe impressive growth during the forecast period 2023-2027. The major factors include the increase in chronic diseases, rising awareness among the parental population, and the rise in the geriatric population, which are propelling the growth of the market. Cell banking outsourcing is an ability that stores cells of a particular genome for future purposes. Cell banking outsourcing can be used to produce complete characterizations of cell lines and can also help to reduce the cross-contamination of a cell line. The other factors supporting the market's growth are extensive investments in research and development (R&D) activities, expanding the number of clinical trials, rising demand for stem cell therapies and gene therapies, rise in research activities related to stem cell applications, increasing demand for biologic products, development of advanced preservation techniques, a large number of clinical trials, and expansion of healthcare industry are bolstering the growth of the market. Also, the growing adoption of collaboration and acquisition strategies by the market players is supporting the growth of the market.

### **Rising Prevalence of Chronic Diseases and Increasing Geriatric Population**

The increasing occurrence of chronic diseases, such as diabetes, cardiovascular diseases, and others, across the globe is strengthening the growth of the market.

According to the WHO, Cardiovascular diseases (CVDs) are the leading cause of death worldwide, taking approximately 17.9 million lives each year. Stem cells are used to treat various chronic diseases as these diseases cannot be treated with traditional methods due to their adverse effect. Therefore, the use of stem cell therapy for the treatment act as a healing agent, which helps to reduce the risk or damage caused by the treatment. Owing to the continuous rise in the number of people suffering from these fatal diseases, the demand for stem cell therapies and gene therapies is rising, which is driving the growth of the market.

### Increasing Geriatric Population Supports the Market

The rise in the geriatric population base across the world is surging the demand for stem cell therapy, which is impelling the growth of the market. According to the World Health Organization (WHO) data, the number and proportion of the elderly population, meaning people with age 60 years and above in the population is increasing. In 2019, the number of people aged 60 years and above was 1 billion. This number is likely to rise to 1.4 billion by 2030 and 2.1 billion by 2050.

### Growing Awareness About Stem Cell Banking

Growing awareness about stem cell banking across various emerging countries is augmenting the growth of the market. Nowadays, people are becoming more aware of the benefits of stem cell banking for future purposes. Parental as well as expectant populations are becoming more aware as health specialists are starting to educate them about the significance and advantages of storing stem cells which are fueling the growth of the market globally. For instance, in the United States, the donor registry contains above 9 million potential donors. In addition, the donor registry includes 266,000 cord blood units, of which 115,000 units are from the National Cord Blood Inventory (NCBI), with over 4000 NCBI units added in 2021.

### Market Segmentation

The global cell banking outsourcing market is segmented into type, cell type, Phase, and company. Based on type, the market is divided into master cell banking, working cell banking, and viral cell banking. Based on cell type, the market is divided into stem cells and non-stem cells. Based on Phase, the market is divided into bank storage, bank characterization & testing, and bank preparation. In terms of country, the United States is expected to be a lucrative market in the forecast period due to the growing prevalence of chronic and genetic disorders in the country.

## Market Players

Cryo-Cell International, Inc, Charles River Laboratories International, Inc., Goodwin Biotechnology Inc., Lonza Group AG, SGS Life Sciences (SGS SA), Global Stem Inc., BSL Bioservice Scientific Laboratories GmbH, and BioReliance Corporation are some of the leading companies operating in the market.

## Report Scope:

In this report, global cell banking outsourcing market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

### Cell Banking Outsourcing Market, By type:

Master Cell Banking

Working Cell Banking

Viral Cell Banking

### Cell Banking Outsourcing Market, By Cell Type:

Stem Cell

Non-Stem Cell

### Cord Blood Banking, By Phase:

Bank Storage

Bank Characterization & Testing

Bank Preparation

### Cell Banking Outsourcing Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

Australia

South Korea

Europe & CIS

Germany

France

United Kingdom

Spain

Italy

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Cell Banking Outsourcing Market

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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