

Global Cell Banking Outsourcing Market Size study & Forecast, by Bank Type (Master Cell Banking, Working Cell Banking, Viral Cell Banking), by Cell Type (Stem Cell Banking, Non-Stem Cell Banking), by Phase Outlook (Cell Bank Storage, Bank Characterization and Testing, Cell Bank Preparation) and Regional Analysis, 2022-2029

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Abstracts

Global Cell Banking Outsourcing Market is valued at approximately USD 9869.5 million in 2021 and is anticipated to grow with a healthy growth rate of more than 16.39% over the forecast period 2022-2029. Cell banking is described as a procedure of replicating and preserving cells obtained from several body fluids and organ tissue for potential use in the future. The chief purpose of the preservation of these cell samples is to use them in research and surgical restoration of broken bodily parts. The most typical applications of cell banking are in stem cell analysis and treatment. Cell banking outsourcing plays a crucial role in the collection, characterization, storage, and testing of cell lines, cells, and tissues. The rising number of clinical trials for cell therapy, coupled with the increasing investments in drug and vaccine development are the primary factors that are surging the market demand across the globe.

In addition, the rising number of favorable government initiatives for the development of stable cell lines, and the augmentation of novel technologies are further impelling the market growth. For instance, in March 2019, Medical Research Future Fund Grant offer total funding of USD 150 million to the Australian Stem Therapies Mission with the objective of facilitating critical stem cell research. Likewise, in September 2021, California Institute for Regenerative Medicine provided Eli and Edythe Broad Center of Regenerative Medicine and Stem Cell Research at UCLA with total funding of USD 5

million in their research training program. Hence, these aforementioned factors are stipulating the demand for cell banking outsourcing in the global market, which, in turn, reinforces the market expansion. Moreover, growing research and development activities, as well as increasing approvals for cell therapies are presenting various lucrative opportunities over the forecasting years. However, the high storage cost is restricting the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Cell Banking Outsourcing Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market with revenue shares of USD 4071.7 million owing to the growing spending on research and development for drug development activities, rising focus on cancer research activities, organ transplants, and increasing approvals for cell therapies. Whereas, Asia Pacific is also expected to grow with the highest CAGR of 19.20% over the forecast period, owing to factors such as growing investment in drug development or discovery, rising government initiatives towards public health care, and rising prevalence of chronic diseases in the region.

Major market players included in this report are:

Tran-Scell Biologics Pvt Ltd
LifeCell International Pvt. Ltd
Cryo-Cell International, Inc.
BioReliance Corporation
SGA SA
Goodwin Biotechnology Inc.
Charles River Laboratories
Sartorius AG
REPROCELL Inc.
WuXi AppTec co. ltd

Recent Developments in the Market:

In February 2021, Cryo-Cell International, Inc.- a private cord blood bank announced that the company entered into a collaborative license agreement with Duke University. The primary objective of this agreement is to expand its major business units.

Global Cell Banking Outsourcing Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Bank Type, Cell Type, Phase Outlook, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Bank Type:

Master Cell Banking

Working Cell Banking

Viral Cell Banking

By Cell Type:

Stem Cell Banking

Non-Stem Cell Banking

By Phase Outlook:

Cell Bank Storage

Bank Characterization and Testing

Cell Bank Preparation

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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