

Global Cell Banking Outsourcing Market Size study, by Bank Type (Master Cell Banking, Working Cell Banking, Viral Cell Banking), by Cell Type (Stem Cell Banking, Non-Stem Cell Banking), by Phase Outsourcing (Cell Bank Storage, Bank Characterization and Testing, Cell Bank Preparation), and Regional Forecasts 2022-2028

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Abstracts

Global Cell Banking Outsourcing Market is valued at approximately USD 8.5 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 16.4% over the forecast period 2022-2028. Tissues, cell lines, and cells are tested, characterized, stored, and collected by the cell banking outsourcing industry. These operations are carried out to aid in the creation of biopharmaceuticals as well as research and development, ensuring minimal side effects and excellent effectiveness. Cell storage is accomplished by first proliferating cells, which subsequently multiply into many identical cells, which are then stored in cryovials for future use. In the manufacturing of regenerative medicine, cells are predominantly used. The market is driven by key factors such as rise in the prevalence of oncology-associated diseases and increasing vaccine production. For instance, as per Statista, Breast cancer was the most common cancer in 2020, with roughly 48 women diagnosed per 100,000 people. Prostate cancer had a 12-month prevalence rate of 30.4 per 100,000 people at the time. In addition, in 2020, North America had the highest 12-month cancer prevalence rate. All malignancies had a 12-month prevalence rate of 588 per 100,000 people in North America at the time. However, ethical concerns related to stem cell research impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Cell Banking Outsourcing Market study

include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is dominating the market growth, owing to the increased production of antibiotics, therapeutic proteins and vaccines. However, Asia Pacific is expected to grow at the fastest rate, due to increase in the number of supportive government initiatives pertaining to investments in biotechnology sector.

Major market players included in this report are:

Tran-Scell Biologics Pvt. Ltd.
Cryobanks International India
Cryo-Cell International Inc.
Toxikon Corporation
SGS Life Sciences
Goodwin Biotechnology Inc.
Charles River Laboratories
BioOutsource
Sartorius
BSL Bioservice
BioReliance

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Application 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

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Cell Banking Outsourcing Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers
Investment bankers
Investors

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