

Stem Cell Banking Market by Bank Type (Cord Blood, and Cord Tissue), Service (Collection & Transportation, Analysis, Processing, and Storage), Application (Cerebral Palsy, Leukemia, Thalassemia, Anemia, Autism, Diabetes), Region - Forecast to 2021

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Abstracts

The global stem cell banking market is expected to reach USD 3.96 billion by 2021 from USD 1.58 billion in 2016, at a CAGR of 20.2% from 2016 to 2021. The storage services segment is expected to contribute the maximum share to the overall market in 2016. Advancements in cord blood preservation and research in the field of stem cells for use as therapeutics are major factors fueling the growth of this market.

“Processing services to contribute largest share in the stem cell biobanking market”

The processing services segment is estimated to dominate the market, by service type, in 2016 and the forecast period. North America is the major market for this segment. The large share of the storage services segment can be attributed to the high cost of the technology and equipment required for the processing of cord blood and cord tissue, in turn increasing the per-year cost of maintenance of the sample units.

Earlier, semi-automated centrifuges, such as AXP AutoXpress from Thermogenesis and Compomat from Fresenius Kabi (India) were used to separate blood components. However, companies are now focusing on updating technology to deliver high-quality products. For instance, Cordlife (Singapore) used Sepax, a fully automated closed system, in 2013, which has now become an industry standard followed by companies globally. In all the cases, the buffy coat is stored in single compartment cryobags.

“North America is the largest contributor to the global stem cell banking market, while

Asia-Pacific is the fastest-growing market segment”

The U.S. is the largest segment of the North American market. This market is witnessing a shift in the preference from public to private banks. Parents are increasingly looking to storing their children’s cord blood and tissue in private banks because of the possibility that samples in public banks may be given to other people for transplants or to research organizations. In the Asia-Pacific, market growth will be driven by the rising number of newborns and the low prices of storage services.

The stem cell biobanking market includes over 500 companies and banks across the globe; this also serves to aid market growth. These players include StemCyte (U.S.), Cryo-Cell International (U.S.), ViaCord (U.S.), Cord Blood Registry (U.S.), Smart Cells (U.K.), Cryo-Save (Netherlands), Cryoviva (India), LifeCell (India), Cordlife (Singapore), Cordvida (Brazil), and China Cord Blood Corporation (China). ?

Reasons to Buy This Report:

From an insight perspective, this research report has focused on various levels of analysis—industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss basic views on the competitive landscape; emerging and high-growth segments of the stem cell biobanking market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on umbilical cord blood and tissue processing and storage offered by top players in the global stem cell biobanking market.

Product Development/Innovation: Detailed insights on the processing and storage of cord blood and cord tissue, and new developments in the stem cell biobanking market.

Market Development: Comprehensive information about lucrative emerging markets—the report analyzes the markets for stem cell biobanking across regions.

Market Diversification: Exhaustive information about services offered by banking

companies, untapped geographies, recent developments, and applications of the global stem cell biobanking market.

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the global stem cell biobanking market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVE OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED IN THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 KEY DATA FROM SECONDARY SOURCES
 - 2.1.2 KEY DATA FROM PRIMARY SOURCES
 - 2.1.2.1 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS
 - 2.4.1 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE STEM CELL BANKING MARKET

5 MARKET OVERVIEW

- 5.1 MARKET SEGMENTATION
 - 5.1.1 STEM CELL BANKING, BY BANK TYPE
 - 5.1.2 STEM CELL BANKING, BY SERVICE
 - 5.1.3 STEM CELL BANKING, BY APPLICATION
- 5.2 MARKET DYNAMICS
 - 5.2.1 DRIVERS
 - 5.2.1.1 Easy extraction methods

5.2.1.2 Rising number of newborns

5.2.1.3 Growth in GDP, disposable income, and increased awareness of stem cell therapeutics

5.2.1.4 Potential of stem cells in disease treatment

5.2.2 RESTRAINTS

5.2.2.1 High competition in the stem cell banking market

5.2.2.2 High operating cost

5.2.2.3 Lack of acceptance

5.2.2.4 Changes in legal regulations

5.2.3 OPPORTUNITIES

5.2.3.1 Rising awareness about potential use of cord tissue

5.2.3.2 Collaborations among cord blood banks

5.2.3.3 The automation of procedures

5.2.4 CHALLENGES

5.2.4.1 Entry barriers in the market

6 STEM CELL BANKING MARKET, BY BANK TYPE

6.1 INTRODUCTION

6.2 CORD BLOOD

6.3 CORD TISSUE

7 STEM CELL BANKING MARKET, BY SERVICE

7.1 INTRODUCTION

7.2 COLLECTION & TRANSPORTATION

7.3 PROCESSING

7.4 ANALYSIS

7.5 STORAGE

8 STEM CELL BANKING MARKET, BY APPLICATION

8.1 INTRODUCTION

8.2 CEREBRAL PALSY

8.3 THALASSEMIA

8.4 LEUKEMIA

8.5 DIABETES

8.6 AUTISM

8.7 OTHERS

9 STEM CELL BANKING MARKET, BY REGION

9.1 INTRODUCTION

9.2 NORTH AMERICA

9.2.1 NORTH AMERICA, BY COUNTRY

9.2.2 NORTH AMERICA, BY TYPE

9.2.3 NORTH AMERICA, BY SERVICE

9.2.4 NORTH AMERICA, BY APPLICATION

9.3 EUROPE

9.3.1 EUROPE, BY COUNTRY

9.3.2 EUROPE, BY TYPE

9.3.3 EUROPE, BY SERVICE

9.3.4 EUROPE, BY APPLICATION

9.4 ASIA-PACIFIC

9.4.1 ASIA-PACIFIC, BY COUNTRY

9.4.2 ASIA-PACIFIC, BY TYPE

9.4.3 ASIA-PACIFIC, BY SERVICE

9.4.4 ASIA-PACIFIC, BY APPLICATION

9.5 REST OF THE WORLD (ROW)

9.5.1 REST OF THE WORLD, BY TYPE

9.5.2 REST OF THE WORLD, BY SERVICE

9.5.3 REST OF THE WORLD, BY APPLICATION

10 COMPETITIVE LANDSCAPE

10.1 COMPANY SHARE ANALYSIS

10.2 NEW SERVICE/PRODUCT LAUNCHES

10.3 MERGERS & ACQUISITIONS

10.4 REGULATORY APPROVALS

10.5 PARTNERSHIPS

10.6 JOINT VENTURE

10.7 AGREEMENTS

10.8 COLLABORATIONS

10.9 TECHNOLOGICAL UPDATE

10.10 PATENT

10.11 GEOGRAPHICAL EXPANSION

10.12 OTHERS

11 COMPANY PROFILE

(Company at a Glance, Business Overview, Products Offered, Key Strategy, Recent Developments, SWOT Analysis & MNM View)*

- 11.1 CBR SYSTEMS, INC.
- 11.2 CORDLIFE
- 11.3 CRYO-CELL
- 11.4 CRYO-SAVE AG (A GROUP OF ESPERITE)
- 11.5 LIFECELL
- 11.6 STEMCYTE
- 11.7 VIACORD
- 11.8 SMART CELLS INTERNATIONAL LTD.
- 11.9 CRYOVIVA INDIA
- 11.10 CORDVIDA
- 11.11 CHINA CORD BLOOD CORPORATION

*Details on company at a glance, recent financials, Products offered, strategies & insights, & recent developments might not be captured in case of unlisted companies.

12 APPENDIX

- 12.1 INSIGHTS FROM INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 12.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 12.5 AVAILABLE CUSTOMIZATIONS
- 12.6 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 GLOBAL STEM CELL BANKING MARKET, BY BANK TYPE, 2014-2021 (UNITS)

Table 2 STEM CELL BANKING MARKET VOLUME, BY BANK TYPE, 2016 (%)

Table 3 STEM CELL BANKING MARKET, BY BANK TYPE, 2014-2021 (USD MILLION)

Table 4 STEM CELL BANKING MARKET VALUE, BY BANK TYPE, 2016 (%)

Table 5 CORD BLOOD STEM CELL BANKING MARKET, BY REGION, 2014-2021 (UNITS)

Table 6 CORD BLOOD STEM CELL BANKING MARKET VOLUME, BY REGION, 2016 (%)

Table 7 CORD BLOOD STEM CELL BANKING MARKET, BY REGION, 2014-2021 (USD MILLION)

Table 8 CORD BLOOD STEM CELL BANKING MARKET VALUE, BY REGION, 2016 (%)

Table 9 GLOBAL CORD BLOOD & CORD TISSUE STEM CELL BANKING MARKET, BY REGION, 2014-2021 (UNITS)

Table 10 CORD BLOOD & CORD TISSUE STEM CELL BANKING MARKET VOLUME, BY REGION, 2016 (%)

Table 11 GLOBAL CORD BLOOD & CORD TISSUE STEM CELL BANKING MARKET, BY REGION, 2014-2021 (USD MILLION)

Table 12 CORD BLOOD & CORD TISSUE STEM CELL BANKING MARKET VALUE, BY REGION, 2016 (%)

Table 13 STEM CELL BANKING MARKET, BY SERVICES, 2014-2021 (USD MILLION)

Table 14 STEM CELL BANKING MARKET VALUE, BY SERVICES, 2016 & 2021 (%)

Table 15 STEM CELL BANKING MARKET FOR COLLECTION & TRANSPORTATION, BY REGION, 2014-2021 (USD MILLION)

Table 16 STEM CELL BANKING MARKET FOR PROCESSING, BY REGION, 2014-2021 (USD MILLION)

Table 17 STEM CELL BANKING MARKET FOR ANALYSIS, BY REGION, 2014-2021 (USD MILLION)

Table 18 STEM CELL BANKING MARKET FOR STORAGE, BY REGION, 2014-2021 (USD MILLION)

Table 19 NUMBER OF SAMPLES USED FOR APPLICATION, 2014-2021 (UNITS)

Table 20 STEM CELL BANKING MARKET, BY APPLICATION, 2014-2021 (UNITS)

Table 21 STEM CELL BANKING MARKET, BY APPLICATION, 2014-2021 (%)

Table 22 NUMBER OF STEM CELL UNITS RELEASED FOR APPLICATION MARKET,

BY REGION, 2014-2021 (UNITS)

Table 23 NUMBER OF CLINICAL TRIALS USING STEM CELLS FROM CORD BLOOD AND CORD TISSUE IN CEREBRAL PALSY TREATMENT FROM 2014-2016

Table 24 STEM CELL BANKING MARKET IN CEREBRAL PALSY, BY REGION, 2014-2021 (UNITS)

Table 25 STEM CELL BANKING MARKET IN THALASSEMIA, BY REGION, 2014-2021 (UNITS)

Table 26 STEM CELL BANKING MARKET IN LEUKEMIA, BY REGION, 2014-2021 (UNITS)

Table 27 STEM CELL BANKING MARKET IN ANEMIA, BY REGION, 2014-2021 (UNITS)

Table 28 STEM CELL BANKING MARKET IN DIABETES, BY REGION, 2014-2021 (UNITS)

Table 29 STEM CELL BANKING MARKET IN AUTISM, BY REGION, 2014-2021 (UNITS)

Table 30 STEM CELL BANKING MARKET IN OTHERS, BY REGION, 2014-2021 (UNITS)

Table 31 STEM CELL BANKING MARKET, OVERVIEW, 2014-2021

Table 32 STEM CELL BANKING MARKET, BY REGION, 2014-2021 (UNITS)

Table 33 STEM CELL BANKING MARKET VOLUME, BY REGION, 2014-2021 (%)

Table 34 STEM CELL BANKING MARKET, BY REGION, 2014-2021 (USD MILLION)

Table 35 STEM CELL BANKING MARKET VALUE, BY REGION, 2014-2021 (%)

Table 36 NORTH AMERICA STEM CELL BANKING MARKET, BY COUNTRY, 2014-2021 (UNITS)

Table 37 NORTH AMERICA STEM CELL BANKING MARKET, BY COUNTRY, 2014-2021 (USD MILLION)

Table 38 NORTH AMERICA STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (UNITS)

Table 39 NORTH AMERICA STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (USD MILLION)

Table 40 NORTH AMERICA STEM CELL BANKING MARKET, BY SERVICE, 2014-2021 (USD MILLION)

Table 41 NORTH AMERICA STEM CELL BANKING MARKET, USAGE, 2014-2021

Table 42 NORTH AMERICA STEM CELL BANKING MARKET, BY APPLICATION, 2014-2021 (UNITS)

Table 43 EUROPE STEM CELL BANKING MARKET, BY COUNTRY, 2014-2021 (UNITS)

Table 44 EUROPE STEM CELL BANKING MARKET, BY COUNTRY, 2014-2021 (USD MILLION)

Table 45 EUROPE STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (UNITS)

Table 46 EUROPE STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (USD MILLION)

Table 47 EUROPE STEM CELL BANKING MARKET, BY SERVICE, 2014 -2021 (USD MILLION)

Table 48 EUROPE STEM CELL BANKING MARKET, USAGE, 2014-2021

Table 49 EUROPE STEM CELL BANKING MARKET, BY APPLICATION, 2014-2021 (UNITS)

Table 50 ASIA-PACIFIC STEM CELL BANKING MARKET, BY COUNTRY, 2014-2021 (UNITS)

Table 51 ASIA-PACIFIC STEM CELL BANKING MARKET, BY COUNTRY, 2014-2021 (USD MILLION)

Table 52 ASIA-PACIFIC STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (UNITS)

Table 53 ASIA-PACIFIC STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (USD MILLION)

Table 54 ASIA-PACIFIC STEM CELL BANKING MARKET, BY SERVICE, 2014 -2021 (USD MILLION)

Table 55 ASIA-PACIFIC STEM CELL BANKING MARKET, USAGE, 2014-2021

Table 56 ASIA-PACIFIC STEM CELL BANKING MARKET, BY APPLICATION, 2014-2021 (UNITS)

Table 57 REST OF THE WORLD STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (UNITS)

Table 58 REST OF THE WORLD STEM CELL BANKING MARKET, BY TYPE, 2014-2021 (USD MILLION)

Table 59 REST OF THE WORLD STEM CELL BANKING MARKET, BY SERVICE, 2014 -2021 (USD MILLION)

Table 60 REST OF THE WORLD STEM CELL BANKING MARKET, USAGE, 2014-2021

Table 61 REST OF THE WORLD STEM CELL BANKING MARKET, BY APPLICATION, 2014-2021 (UNITS)

Table 62 STEM CELL BANKING MARKET: COMPANY SHARE ANALYSIS, 2015 (%)

List Of Figures

LIST OF FIGURES

Figure 1 STEM CELL BANKING MARKET: RESEARCH DESIGN

Figure 2 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, & REGION

Figure 3 BOTTOM-UP APPROACH

Figure 4 TOP-DOWN APPROACH

Figure 5 GLOBAL STEM CELL BANKING MARKET TO WITNESS HIGH GROWTH DURING THE FORECAST PERIOD

Figure 6 THE PROCESSING SERVICES SEGMENT EXPECTED TO LEAD THE STEM CELL BANKING MARKET IN 2016

Figure 7 ASIA-PACIFIC TO WITNESS THE HIGHEST GROWTH RATE DURING THE FORECAST PERIOD

Figure 8 STEM CELL BANKING MARKET, BY BANK TYPE, 2016 & 2021 (UNITS)

Figure 9 STEM CELL BANKING MARKET, BY BANK TYPE, 2016 & 2021 (USD MILLION)

Figure 10 CORD BLOOD STEM CELL BANKING MARKET, BY REGION, 2016 & 2021 (UNITS)

Figure 11 CORD BLOOD STEM CELL BANKING MARKET, BY REGION, 2016 & 2021 (USD MILLION)

Figure 12 CORD BLOOD & CORD TISSUE STEM CELL BANKING MARKET, BY REGION, 2016 & 2021 (UNITS)

Figure 13 CORD BLOOD & CORD TISSUE STEM CELL BANKING MARKET, BY REGION, 2016 & 2021 (USD MILLION)

Figure 14 STEM CELL BANKING MARKET, BY SERVICES

Figure 15 PROCESSING SEGMENT EXPECTED TO CONTINUE LEADING THE STEM CELL BANKING MARKET DURING FORECAST PERIOD

Figure 16 STEM CELL BANKING MARKET FOR COLLECTION & TRANSPORTATION, BY REGION, 2016 & 2021 (USD MILLION)

Figure 17 PROCESSING IS EXPECTED TO BE THE LARGEST SEGMENT OF THE NORTH AMERICAN STEM CELL BANKING MARKET

Figure 18 STEM CELL BANKING MARKET FOR ANALYSIS, BY REGION, 2016 & 2021 (USD MILLION)

Figure 19 STEM CELL BANKING MARKET FOR STORAGE, BY REGION, 2016 & 2021, (USD MILLION)

Figure 20 LARGEST NUMBER OF STEM CELLS ARE EXPECTED TO BE UTILIZED TO TREAT LEUKEMIA BY 2021 GLOBALLY

- Figure 21 NORTH AMERICA TO CONTINUE LEADING THE APPLICATION SEGMENT OF THE STEM CELL BANKING MARKET DURING FORECAST PERIOD
- Figure 22 CEREBRAL PALSY IS EXPECTED TO USE THE LARGEST NUMBER OF STEM CELL UNITS IN 2016
- Figure 23 NORTH AMERICA IS ESTIMATED TO LEAD THE STEM CELL BANKING MARKET IN THALASSEMIA IN 2016
- Figure 24 LARGEST NUMBER OF STEM CELLS FROM CORD BLOOD TO BE CONSUMED FOR LEUKEMIA TREATMENT
- Figure 25 STEM CELL BANKING MARKET IN ANEMIA, BY REGION, 2016 & 2021 (UNITS)
- Figure 26 DIABETES IS EXPECTED TO BE THE FASTEST GROWING SEGMENT OF STEM CELL BANKING MARKET DURING FORECAST PERIOD
- Figure 27 STEM CELL BANKING MARKET IN AUTISM, BY REGION, 2016 & 2021 (UNITS)
- Figure 28 STEM CELL BANKING MARKET IN OTHERS, BY REGION, 2016 & 2021 (UNITS)
- Figure 29 ASIA-PACIFIC IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD
- Figure 30 NORTH AMERICA WILL CONTINUE TO DOMINATE THE STEM CELL BANKING MARKET DURING FORECAST PERIOD
- Figure 31 NORTH AMERICA STEM CELL BANKING MARKET SNAPSHOT
- Figure 32 EUROPE STEM CELL BANKING MARKET SNAPSHOT
- Figure 33 ASIA-PACIFIC STEM CELL BANKING MARKET SNAPSHOT
- Figure 34 STEM CELL BANKING MARKET: COMPANY SHARE ANALYSIS, 2015 (%)
- Figure 35 CBR SYSTEMS, INC.: BUSINESS OVERVIEW
- Figure 36 CORDLIFE: BUSINESS OVERVIEW
- Figure 37 CRYO-CELL: BUSINESS OVERVIEW
- Figure 38 CRYO-SAVE AG (A GROUP OF ESPERITE): BUSINESS OVERVIEW
- Figure 39 VIACORD: BUSINESS OVERVIEW
- Figure 40 CHINA CORD BLOOD CORPORATION: BUSINESS OVERVIEW

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