Stem Cell Therapy Market by Type, Therapeutic Application, Cell Source - Global Forecasts to 2021

Description:

"Stem Cell Therapy Market by Type (Allogeneic, Autologous), Therapeutic Application (Musculoskeletal, Wound & Injury, CVD, Surgery, and aGVHD), Cell Source (Adipose tissue, Bone Marrow, Neural, Embryo/Cord Blood derived, iPSCs) - Global Forecasts to 2021"

The global stem cell therapy market is estimated to grow at a CAGR of 11.0% during 2016 to 2021 to reach USD 145.8 million by 2021. Growth in the global stem cell therapy market is driven by factors such as the growing awareness of the therapeutic potency of stem cells in effective disease management, development of advanced genome-based cell analysis techniques, increasing public-private investments for development of stem cell therapies, identification of new stem cell lines, and developments in infrastructure related to stem cell banking and processing.

In addition, countries such as Japan, South Korea, and China are offering new growth opportunities for players operating in this market. The North American region is expected to command the largest share in the stem cell therapy market in 2016.

Based on the type of therapy, the allogeneic stem cell therapy segment is estimated to command the larger share of the global stem cell therapy market in 2016. This growth can be attributed to the growing availability of allogeneic stem cell therapy products, wider therapeutic applications of allogeneic stem cells, easier production scale-up due to easy availability of sources of stem cells, and growing number of clinical trials of allogeneic stem cell therapies as compared to autologous stem cell therapies.

The stem cell therapy market is niche industry with a growing number of global and local companies involved in the development and commercialization of stem cell therapy products. Osiris Therapeutics, Inc. (U.S.), MEDIPOST Co., Ltd. (South Korea), Anterogen Co., Ltd. (South Korea), and Pharmicell Co., Ltd. (South Korea) were the leading players in the global stem cell therapy market in 2015. New product launches and approvals; expansions; and partnerships and agreements are the major strategies adopted by most of the market players to achieve growth in the stem cell therapy market during 2013-2016.

Research Coverage

This report studies stem cell therapy market based on type of therapy (allogeneic and autologous). These stem cell therapies are used for the treatment of various diseases (including musculoskeletal disorders, wound healing, CVDs, and GI diseases, among others). The report also studies, the factors (such as drivers, restraints, opportunities, and challenges) which affect the market growth in a positive and negative manner. It analyzes opportunities and challenges in the market for stakeholders and provides details of the competitive landscape for market leaders.

The report forecasts the revenue of the market segments with respect to four main regions, namely, North America, Europe, Asia-Pacific, and the Rest of the World. The stem cell therapy market report strategically profiles the key players who are involved in the manufacturing and commercialization of stem cell therapy products and comprehensively analyze their market ranking and core competencies. The report tracks and analyzes competitive developments such as new product launches and enhancements; expansions; and partnerships and agreements in the stem cell therapy market.

Reasons to Buy the Report:

From an insight perspective, this research report focuses on various levels of analysis-market share analysis of the top players and company profiles, which together comprise and discuss basic views on the competitive landscape; emerging and high-growth segments of the stem cell therapy market; and high-growth regions and their respective drivers, restraints, challenges, and opportunities.

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help firms in garnering a greater market share. Firms purchasing the report could use any one or a combination of the below-mentioned five strategies (market penetration, product
development/innovation, market development, market diversification, and competitive assessment) for strengthening their market shares.

The report provides insights on the following pointers:

- Market Penetration: Comprehensive information on products offered by the top 10 players in the stem cell therapy market. The report analyzes the stem cell therapy market by type, therapeutic application, cell source, and region
- Product Development/Innovation: Detailed insights on research and development activities, developmental product pipeline, and new product launches in the stem cell therapy market
- Market Development: Comprehensive information about the lucrative emerging markets. The report analyzes the markets for various stem cell therapy products across four geographies (North America, Europe, Asia-Pacific, and the Rest of the World)
- Competitive Assessment: Assessment of market shares, strategies, products, distribution networks, and manufacturing capabilities of the leading players in the stem cell therapy market

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Geographic Scope
      1.3.3 Years Considered for the Study
   1.4 Currency
   1.5 Limitations
   1.6 Stakeholders

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
         2.1.1.1 Key Data From Secondary Sources
      2.1.2 Primary Data
         2.1.2.1 Key Data From Primary Sources
         2.1.2.2 Breakdown of Primaries
   2.2 Market Size Estimation
      2.2.1 Bottom-Up Approach
      2.2.2 Top-Down Approach
   2.3 Market Breakdown and Data Triangulation
   2.4 Research Assumptions

3 Executive Summary
   3.1 Introduction
   3.2 Conclusion

4 Premium Insights
   4.1 Stem Cell Therapy Market Overview
   4.2 Regional Analysis: Market, By Type, 2016 vs 2021 (USD Million)
   4.3 Global Market, By Therapeutic Application, 2016-2021 (USD Million)
   4.4 Regional Analysis: Market, By Cell Source, 2016 vs 2021 (USD Million)

5 Market Overview
   5.1 Introduction
   5.2 Market Dynamics
      5.2.1 Market Growth Drivers
         5.2.1.1 Growing Awareness Related to the Therapeutic Potency of Stem Cells in Effective Disease Management
      5.2.1.2 Development of Advanced Genome-Based Cell Analysis Techniques
      5.2.1.3 Increasing Public-Private Investments for the Development of Stem Cell Therapies
      5.2.1.4 Development in Infrastructure Related to Stem Cell Banking and Processing
      5.2.2 Market Restraints
         5.2.2.1 Unclear Regulatory Guidelines for Product Development & Commercialization
         5.2.2.2 Socio-Ethical Issues Related to the Use of Escs in Disease Treatment
5.2.3 Market Growth Opportunities
   5.2.3.1 Supportive Regulations Across Developing Countries
   5.2.3.2 Emergence of iPSCs as an Effective Alternative to ESCs
5.2.4 Market Challenges
   5.2.4.1 Technical Limitations Related to Production Scale-Up

5.3 Regulatory Landscape
   5.3.1 North America
   5.3.2 Europe
   5.3.3 Asia-Pacific
   5.3.4 Rest of the World

6 Industry Insights
   6.1 Introduction
   6.2 Supply Chain Analysis
      6.2.1 Key Stakeholders
      6.2.2 Key Influencers
   6.3 Pipeline Analysis
      6.3.1 Pipeline Analysis: Based on Phase of Clinical Study
      6.3.2 Pipeline Analysis: Based on Type
      6.3.3 Pipeline Analysis: Based on the Cell Line Used

7 Global Stem Cell Therapy Market, By Type
   7.1 Introduction
   7.2 Allogeneic Stem Cell Therapy Market, By Application
      7.2.1 Musculoskeletal Disorders
      7.2.2 Wounds and Injuries
      7.2.3 Surgeries
      7.2.4 Acute Graft-Versus-Host Disease (AGVHD)
      7.2.5 Other Applications
   7.3 Autologous Stem Cell Therapy Market, By Application
      7.3.1 Wounds and Injuries
      7.3.2 Cardiovascular Diseases
      7.3.3 Gastrointestinal Diseases
      7.3.4 Other Applications

8 Global Stem Cell Therapy Market, By Therapeutic Application
   8.1 Introduction
   8.2 Musculoskeletal Disorders
   8.3 Wounds and Injuries
   8.4 Cardiovascular Diseases
   8.5 Surgeries
   8.6 Gastrointestinal Diseases
   8.7 Other Applications

9 Global Stem Cell Therapy Market, By Cell Source
   9.1 Introduction
   9.2 Adipose Tissue-Derived Mesenchymal Stem Cells
   9.3 Bone Marrow-Derived Mesenchymal Stem Cells
   9.4 Cord Blood/Embryonic Stem Cells
   9.5 Other Cell Sources

10 Stem Cell Therapy Market, By Region
    10.1 Introduction
    10.2 North America
    10.3 Europe
    10.4 Asia-Pacific
    10.5 Rest of the World (RoW)

11 Competitive Landscape
   11.1 Overview
   11.2 Market Ranking
   11.3 Strategic Benchmarking
      11.3.1 Product Development and Commercialization
11.4 Competitive Scenario
11.5 Recent Developments
   11.5.1 Product Launches and Approvals
   11.5.2 Expansions
   11.5.3 Agreements, Collaborations, and Partnerships

12 Company Profiles
12.1 Introduction
   12.1.1 Geographic Benchmarking
       (Overview, Financials, Products & Services, Strategy, and Developments) -
       12.2 Osiris Therapeutics, Inc.
       12.3 Medipost Co., Ltd.
       12.4 Anterogen Co., Ltd.
       12.5 Pharmicell Co., Ltd.
       12.6 Holostem Terapie Avanzate Srl
       12.7 JCR Pharmaceuticals Co., Ltd.
       12.8 Nuvasive, Inc.
       12.9 RTI Surgical, Inc.
       12.10 Allosource

- Details on Overview, Financials, Product & Services, Strategy, and Developments Might Not Be Captured in Case of Unlisted Companies.

List of Tables

Table 1 Few of the Recently Launched Cell Analysis Products (2015-2017)
Table 2 North America: Regulatory Landscape for Stem Cell Therapy (As of 2016)
Table 3 Europe: Regulatory Landscape for Stem Cell Therapy (As of 2016)
Table 4 Asia-Pacific: Regulatory Landscape for Stem Cell Therapy (As of 2016)
Table 5 RoW: Regulatory Landscape for Stem Cell Therapy (As of 2016)
Table 6 Global Market Size, By Type, 2014-2021 (USD Million)
Table 7 Global Allogeneic Stem Cell Therapy Market Size, By Application, 2014-2021 (USD Million)
Table 8 Global Allogeneic Market Size, By Region, 2014-2021 (USD Million)
Table 9 Allogeneic Stem Cell Therapy Market Size for Musculoskeletal Disorders, By Region, 2014-2021 (USD Million)
Table 10 Allogeneic Market Size for Wounds and Injuries, By Region, 2014-2021 (USD Million)
Table 11 Allogeneic Stem Cell Therapy Market Size for Surgeries, By Region, 2014-2021 (USD Million)
Table 12 Allogeneic Market Size for Acute Graft-Versus-Host Disease, By Region, 2014-2021 (USD Million)
Table 13 Allogeneic Stem Cell Therapy Market Size for Other Applications, By Region, 2014-2021 (USD Million)
Table 14 Global Autologous Market Size, By Application, 2014-2021 (USD Million)
Table 15 Global Autologous Market Size, By Region, 2014-2021 (USD Million)
Table 16 Autologous Market for Wounds and Injuries, By Region, 2014-2021 (USD Million)
Table 17 Autologous Stem Cell Therapy Market Size for Cardiovascular Diseases, By Region, 2014-2021 (USD Million)
Table 18 Autologous Market Size for Gastrointestinal Diseases, By Region, 2014-2021 (USD Million)
Table 19 Autologous Market Size for Other Applications, By Region, 2014-2021 (USD Million)
Table 20 Global Market Size, By Therapeutic Application, 2014-2021 (USD Million)
Table 21 Market Size for Musculoskeletal Disorders, By Region, 2014-2021 (USD Million)
Table 22 Market Size for Wounds and Injuries, By Region, 2014-2021 (USD Million)
Table 23 Market Size for Cardiovascular Diseases, By Region, 2014-2021 (USD Million)
Table 24 Stem Cell Therapy Market Size for Surgeries, By Region, 2014-2021 (USD Million)
Table 25 Market Size for Gastrointestinal Diseases, By Region, 2014-2021 (USD Million)
Table 26 Market Size for Other Applications, By Region, 2014-2021 (USD Million)
Table 27 Global Stem Cell Therapy Market Size, By Cell Source, 2014-2021 (USD Million)
Table 28 Market Size for Adipose Tissue-Derived MSCS, By Region, 2014-2021 (USD Million)
Table 29 Market Size for Bone Marrow-Derived MSCS, By Region, 2014-2021 (USD Million)
Table 30 Stem Cell Therapy Market Size for Cord Blood/Embryonic Stem Cells, By Region, 2014-2021 (USD Million)
Table 31 Stem Cell Therapy Market Size for Other Cell Sources, By Region, 2014-2021 (USD Million)
Table 32 Market Size, By Region, 2014-2021 (USD Million)
Table 33 North America: Market Size, By Type, 2014-2021 (USD Million)
Table 34 North America: Market Size, By Therapeutic Applications, 2014-2021 (USD Million)
Figure 30 Global Market Ranking (2015)
Figure 31 Product Development and Commercialization: the Key Growth Strategy Adopted By Stem Cell Therapy Market Players (2013-2016)
Figure 32 Product Launches and Enhancements: Key Strategy Adopted By Majority of Key Players During Study Period
Figure 33 Geographic Revenue Mix of the Top Five Players (2015)
Figure 34 Medipost Co., Ltd.: Company Snapshot (2015)
Figure 35 JCR Pharmaceuticals Co., Ltd.: Company Snapshot (2015)
Figure 36 Nuvasive, Inc.: Company Snapshot (2015)
Figure 37 RTI Surgical, Inc.: Company Snapshot (2015)

Ordering:

Order Online - http://www.researchandmarkets.com/reports/4085953/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Stem Cell Therapy Market by Type, Therapeutic Application, Cell Source - Global Forecasts to 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/4085953/">http://www.researchandmarkets.com/reports/4085953/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SC2GTYT1</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐</th>
<th>Mrs ☐</th>
<th>Dr ☐</th>
<th>Miss ☐</th>
<th>Ms ☐</th>
<th>Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td>Last Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World