

Stem Cell Manufacturing Market Forecast to 2030

Market Report | 2023-05-08 | 116 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price \$4950.00
- Enterprisewide Price \$7250.00

Report description:

Stem Cell Manufacturing Market Forecast to 2030

Market Overview

The Stem Cell Manufacturing Market is projected to encounter a critical build yearly development rate (CAGR) of 13.16% during the figure time frame. Stem cell treatment offers likely medicines for many already hopeless infections, including AIDS, cardiovascular illnesses, neurodegenerative sicknesses, autoimmune infections, muscular circumstances, and wound mending. Stem cells are progressively being utilized to supplant harmed neurons brought about by spinal line wounds, Parkinson's illness, Alzheimer's infection, and other neurological issues. They likewise assume an urgent part in delivering insulin for diabetes patients and helping with the recovery of harmed tissues and organs.

Intriguing sicknesses, which influence a little level of the populace, are frequently disregarded because of their restricted patient populace and the significant expenses related to creating therapies. These sicknesses include uncommon tumors, hereditary illnesses, irresistible tropical infections, and degenerative infections. As per information distributed by the Food and Medication Organization (FDA) in February 2020, there are roughly 7,000 uncommon sicknesses, with over a portion of them influencing kids. Be that as it may, just 5% of these infections have FDA-endorsed medicines. Subsequently, the rising consciousness of stem cell applications for treating different infections and the developing rate of uncommon illnesses are central point adding to the market's development.

Market Segmentation

Products including stem cell lines, equipment, culture media, and consumables can be used to segment the stem cell manufacturing market. Mesenchymal stem cells (MSCs) induced pluripotent stem cells (iPSCs), embryonic stem cells (ESCs), hematopoietic stem cells (HSCs), and other stem cell types are subcategories of stem cell lines. Bioreactors, incubators, cell sorters, and other tools are examples of instruments. Applications such as research, target identification, stem cell-based therapy, and cell and tissue banking are also used to segment the market data. The worldwide stem cell market is segmented into hospitals, pharmaceutical and biotechnology firms, stem cell banks, and other entities based on end users.

Regional analysis

North America held the biggest market share in 2021 in the stem cell manufacturing market. This can be credited to the rising commonness of constant sicknesses, including malignant growth, cardiovascular issues, neurological problems, gastrointestinal illnesses, and other ongoing circumstances. In the US alone, the Public Malignant Growth Organization and the Public

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Europe positions second in the stem cell manufacturing market, for the most part because of the accessibility of cutting-edge therapy offices, government support for medical services area improvement, a developing geriatric populace, and a rising number of cases including constant and neurological problems.

The Asia-Pacific region is supposed to display critical development in the stem cell manufacturing market from 2022 to 2030. Factors adding to this development remember upgrades for the medical care framework, expanded reception of stem cell treatment therapies, the presence of agreement makers, and a rising commonness of disease in the region. China at present holds the biggest market share in the Asia-Pacific region, while India shows the most elevated development rate.

Major Players

Prominent players in the stem cell manufacturing market include Fujifilm Holdings Corporation (US), AbbVie, Inc. (US), Bio-Rad Laboratories, Inc. (US), Becton, Dickinson, and Company (US), Thermo Fisher Scientific, Inc. (US), Lonza Group (Switzerland), Bristol-Myers Squibb Company (US), GlaxoSmithKline Plc (UK), Sartorius AG (Germany), Merck KGaA (Germany), and others.

COVID 19 Impacts

We are continuously tracking the impact of the COVID-19 pandemic on various industries and verticals within all domains. Our research reports include the same and help you understand the drop and rise, owing to the impact of COVID-19 on industries. Also, we help you to identify the gap between the demand and supply of your interested market. Moreover, the report helps you with the analysis, amended government regulations, and many other useful insights.

Table of Contents:

TABLE OF CONTENTS

1 EXECUTIVE SUMMARY

2 MARKET INTRODUCTION

2.1 SCOPE OF THE STUDY

2.2 RESEARCH OBJECTIVE

2.3 MARKET STRUCTURE

2.4 ASSUMPTIONS & LIMITATIONS

3 RESEARCH METHODOLOGY

3.1 DATA MINING

3.2 SECONDARY RESEARCH

3.3 PRIMARY RESEARCH

3.4 BREAKDOWN OF PRIMARY RESPONDENTS

3.5 FORECASTING TECHNIQUES

3.6 RESEARCH METHODOLOGY FOR MARKET SIZE ESTIMATION

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

3.6.1 BOTTOM-UP APPROACH

3.6.2 TOP-DOWN APPROACH

3.7 DATA TRIANGULATION

3.8 VALIDATION

4 MARKET DYNAMICS

4.1 OVERVIEW

4.2 DRIVERS

4.2.1 GROWING AWARENESS REGARDING THE USAGE OF STEM CELLS FOR TREATING VARIOUS DISEASES

4.2.2 INCREASING PREVALENCE OF RARE DISEASES

4.2.3 TECHNOLOGICAL ADVANCEMENTS IN STEM CELL MANUFACTURING

4.3 RESTRAINTS

4.3.1 RISKS ASSOCIATED WITH UNPROVEN STEM CELL TREATMENTS

4.3.2 HIGHER OPERATIONAL COSTS ASSOCIATED WITH STEM CELL MANUFACTURING AND BANKING

4.4 OPPORTUNITIES

4.4.1 INCREASING PUBLIC AND PRIVATE FUNDING FOR STEM CELL-BASED RESEARCH

5 MARKET FACTOR ANALYSIS

5.1 VALUE CHAIN ANALYSIS

5.1.1 R&D AND DESIGNING

5.1.2 MANUFACTURING

5.1.3 DISTRIBUTION & SALES

5.1.4 POST-SALES REVIEW

5.2 PORTER'S FIVE FORCES MODEL

5.2.1 THREAT OF NEW ENTRANTS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.2.2 BARGAINING POWER OF SUPPLIERS

5.2.3 BARGAINING POWER OF BUYERS

5.2.4 INTENSITY OF RIVALRY

5.2.5 THREAT OF SUBSTITUTES

5.3 IMPACT OF COVID-19

5.3.1 IMPACT ON SUPPLY CHAIN

5.3.2 IMPACT ON PRODUCTION

5.3.3 IMPACT ON DEMAND-SUPPLY GAP ANALYSIS

5.3.4 IMPACT ON R&D

6 GLOBAL STEM CELL MANUFACTURING MARKET, BY PRODUCT

6.1 OVERVIEW

6.2 STEM CELL LINES

6.3 INSTRUMENTS

6.4 CULTURE MEDIA

6.5 CONSUMABLES

7 GLOBAL STEM CELL MANUFACTURING MARKET, BY APPLICATION

7.1 OVERVIEW

7.2 RESEARCH

7.3 TARGET IDENTIFICATION

7.4 STEM CELL-BASED THERAPY

7.5 CELL AND TISSUE BANKING

8 GLOBAL STEM CELL MANUFACTURING MARKET, BY END USER

8.1 OVERVIEW

8.2 PHARMACEUTICAL AND BIOTECHNOLOGY COMPANIES

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

8.3 HOSPITALS

8.4 STEM CELL BANKS

8.5 OTHERS

9 GLOBAL STEM CELL MANUFACTURING MARKET, BY REGION

9.1 OVERVIEW

9.2 NORTH AMERICA

9.2.1 US

9.2.2 CANADA

9.3 EUROPE

9.3.1 GERMANY

9.3.2 FRANCE

9.3.3 UK

9.3.4 ITALY

9.3.5 SPAIN

9.3.6 REST OF EUROPE

9.4 ASIA-PACIFIC

9.4.1 CHINA

9.4.2 INDIA

9.4.3 JAPAN

9.4.4 SOUTH KOREA

9.4.5 AUSTRALIA

9.4.6 REST OF ASIA-PACIFIC

9.5 REST OF THE WORLD

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

9.5.1 MIDDLE EAST

9.5.2 AFRICA

9.5.3 LATIN AMERICA

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 COMPETITIVE BENCHMARKING

10.3 MAJOR GROWTH STRATEGY IN STEM CELL MANUFACTURING MARKET

10.4 THE LEADING PLAYER IN TERMS OF NUMBER OF DEVELOPMENTS IN STEM CELL MANUFACTURING MARKET

10.5 KEY DEVELOPMENT ANALYSIS

10.6 KEY DEVELOPMENTS & GROWTH STRATEGIES

10.6.1 PRODUCT APPROVALS AND PRODUCT LAUNCHES

10.6.2 PARTNERSHIP/COLLABORATION

10.6.3 BUSINESS EXPANSIONS/AGREEMENTS

10.6.4 MERGERS & ACQUISITIONS

11 COMPANY PROFILES

11.1 ABBVIE, INC.

11.1.1 COMPANY OVERVIEW

11.1.2 FINANCIAL OVERVIEW

11.1.3 PRODUCTS OFFERED

11.1.4 KEY DEVELOPMENTS

11.1.5 SWOT ANALYSIS

11.1.6 KEY STRATEGIES

11.2 BIO-RAD LABORATORIES, INC.

11.2.1 COMPANY OVERVIEW

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.2.2 FINANCIAL OVERVIEW

11.2.3 PRODUCTS OFFERED

11.2.4 KEY DEVELOPMENTS

11.2.5 SWOT ANALYSIS

11.2.6 KEY STRATEGIES

11.3 FUJIFILM HOLDINGS CORPORATION (FUJIFILM CELLULAR DYNAMICS, INC.)

11.3.1 COMPANY OVERVIEW

11.3.2 FINANCIAL OVERVIEW

11.3.3 PRODUCTS OFFERED

11.3.4 KEY DEVELOPMENTS

11.3.5 KEY STRATEGIES

11.4 BECTON DICKINSON AND COMPANY

11.4.1 COMPANY OVERVIEW

11.4.2 FINANCIAL ANALYSIS

11.4.3 PRODUCTS OFFERED

11.4.4 KEY DEVELOPMENTS

11.4.5 KEY STRATEGIES

11.5 THERMO FISHER SCIENTIFIC INC.

11.5.1 COMPANY OVERVIEW

11.5.2 FINANCIAL ANALYSIS

11.5.3 PRODUCTS OFFERED

11.5.4 KEY DEVELOPMENTS

11.5.5 SWOT ANALYSIS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.5.6 KEY STRATEGIES

11.6 LONZA GROUP

11.6.1 COMPANY OVERVIEW

11.6.2 FINANCIAL ANALYSIS

11.6.3 PRODUCTS OFFERED

11.6.4 KEY DEVELOPMENTS

11.6.5 KEY STRATEGIES

11.7 BRISTOL-MYERS SQUIBB COMPANY

11.7.1 COMPANY OVERVIEW

11.7.2 FINANCIAL OVERVIEW

11.7.3 PRODUCTS OFFERED

11.7.4 KEY DEVELOPMENTS

11.7.5 KEY STRATEGIES

11.8 GLAXOSMITHKLINE PLC

11.8.1 COMPANY OVERVIEW

11.8.2 FINANCIAL OVERVIEW

11.8.3 PRODUCTS OFFERED

11.8.4 KEY DEVELOPMENTS

11.8.5 SWOT ANALYSIS

11.8.6 KEY STRATEGIES

11.9 SARTORIUS AG

11.9.1 COMPANY OVERVIEW

11.9.2 FINANCIAL OVERVIEW

11.9.3 PRODUCTS OFFERED

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.9.4 KEY DEVELOPMENTS

11.9.5 KEY STRATEGIES

11.10 MERCK KGAA

11.10.1 COMPANY OVERVIEW

11.10.2 FINANCIAL OVERVIEW

11.10.3 PRODUCTS OFFERED

11.10.4 KEY DEVELOPMENTS

11.10.5 KEY STRATEGIES

11.11 TAKEDA PHARMACEUTICAL COMPANY LIMITED

11.11.1 COMPANY OVERVIEW

11.11.2 FINANCIAL OVERVIEW

11.11.3 PRODUCTS OFFERED

11.11.4 KEY DEVELOPMENTS

11.11.5 SWOT ANALYSIS

11.11.6 KEY STRATEGIES

12 APPENDIX

12.1 REFERENCES

12.2 RELATED REPORTS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Stem Cell Manufacturing Market Forecast to 2030

Market Report | 2023-05-08 | 116 pages | Market Research Future

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	\$4950.00
	Enterprisewide Price	\$7250.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com