

# **Synthetic Stem Cells Market by Application (Cardiovascular Disease, Neurological Disorders, Other Applications (Cancer, Diabetes, Gastrointestinal, Musculoskeletal Disorders)), Region (North America (US, Canada), Europe, APAC, RoW) - Global Forecast to 2028**

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## **Abstracts**

“Ethical concerns regarding embryonic stem cells is expected to drive the overall growth of the synthetic stem cells market.”

The synthetic stem cells market is expected to grow from USD 14 million in 2023 to USD 37 million by 2028, at a CAGR of 22.5% during the forecast period. The synthetic stem cells market is driven by various factors such as ethical concerns regarding embryonic stem cells and the risk of tumor formation and immune rejection of natural stem cells. However, the unclear and unstructured regulations on the use of synthetic stem cells can hinder the growth of the market.

“The neurological disorders segment is expected to witness the highest CAGR during the forecast period.”

The neurological disorders application is the faster-growing segment in the overall synthetic stem cells market. Based on application, the synthetic stem cells market is segmented into cardiovascular diseases, neurological disorders, and other diseases that include various cancers, wounds and injuries, musculoskeletal disorders, and blood disorders that require regenerative therapies.

“North America is expected to record the highest growth rate during the forecast

period.”

Countries in North America are constantly modernizing their healthcare infrastructure by investing in advanced therapies. The increasing prevalence of target diseases, focus on development of for regenerative medicines, fast adoption of advanced therapies, and regulatory support for stem cell therapies will result in the high rate of adoption of synthetic stem cell therapies in this region by 2023.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, innovation and technology directors, and executives from various key organizations operating in the synthetic stem cells market.

By Company Type: Tier 1: 42%, Tier 2: 37%, and Tier 3: 21%

By Designation: C-level Executives: 34%, Directors: 42%, and Others: 24%

By Region: North America: 32%, Europe: 30%, APAC: 24%, and RoW: 14%

The synthetic stem cells market comprises two major providers, namely, North Carolina State University (NCSU) (US) and Zhengzhou University (China).

#### Research Coverage:

This market study covers the synthetic stem cells market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on application and region.

#### Key Benefits of Buying the Report:

The report will provide the market leaders/new entrants in this market with information on the closest approximations of the revenue of the overall synthetic stem cells market and its subsegments. This report will help stakeholders understand the competitive landscape and gain insights to better position their businesses and plan suitable go-to-market strategies. The report will also help stakeholders to understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

## Contents

### **1. INTRODUCTION**

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKETS SCOPE
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DESIGN
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

### **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

### **5 MARKET OVERVIEW**

- 5.1 INTRODUCTION
- 5.2 MARKET DYNAMICS
  - 5.2.1 MARKET DRIVERS
    - 5.2.1.1 Ethical concerns regarding embryonic stem cells
    - 5.2.1.2 Risk of tumor formation and immune rejection of natural stem cells
  - 5.2.2 MARKET RESTRAINTS
    - 5.2.2.1 Unclear and unstructured regulations
  - 5.2.3 MARKET OPPORTUNITIES
    - 5.2.3.1 Costly storage and fragility of natural stem cells
    - 5.2.3.2 Potential application in major indications
    - 5.2.3.3 Increasing stem cell research funding
- 5.3 MARKET IMPACT ANALYSIS

### **6 SYNTHETIC STEM CELLS MARKET, BY APPLICATION**

#### **6.1 INTRODUCTION**

*Synthetic Stem Cells Market by Application (Cardiovascular Disease, Neurological Disorders, Other Applications...*

- 6.2 CARDIOVASCULAR DISEASES
- 6.3 NEUROLOGICAL DISORDERS
- 6.4 OTHER APPLICATIONS

## **7. SYNTHETIC STEM CELLS MARKET, BY REGION**

- 7.1 INTRODUCTION
- 7.2 NORTH AMERICA
  - 7.2.1 US
  - 7.2.2 CANADA
- 7.3 EUROPE
- 7.4 ASIA PACIFIC
- 7.5 REST OF THE WORLD (ROW)

## **8 UNIVERSITY PROFILES**

- 8.1 NORTH CAROLINA STATE UNIVERSITY
- 8.2 ZHENGZHOU UNIVERSITY

## **9 APPENDIX**

- 9.1 INSIGHTS OF INDUSTRY EXPERTS
- 9.2 DISCUSSION GUIDE
- 9.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 9.5 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 9.6 AUTHORS DETAILS

## List Of Tables

### LIST OF TABLES

Table 1 APPLICATIONS: CLINICAL TRIALS

Table 2 SYNTHETIC STEM CELLS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

Table 3 SYNTHETIC STEM CELLS MARKET, BY REGION, 2023–2028 (USD MILLION)

Table 4 NORTH AMERICA: SYNTHETIC STEM CELLS MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

## List Of Figures

### LIST OF FIGURES

Figure 1 RESEARCH DESIGN

Figure 2 KEY DATA FROM PRIMARY SOURCES

Figure 3 BREAKDOWN OF PRIMARIES

Figure 4 MARKET SIZE ESTIMATION

Figure 5 MARKET BREAKDOWN AND DATA TRIANGULATION

Figure 6 SYNTHETIC STEM CELLS MARKET, BY APPLICATION (2023)

Figure 7 GEOGRAPHICAL SNAPSHOT OF THE SYNTHETIC STEM CELLS MARKET (2023)

Figure 8 ETHICAL CONCERNS, RISKS ASSOCIATED WITH NATURAL STEM CELLS TO DRIVE MARKET GROWTH DURING THE FORECAST PERIOD

Figure 9 CARDIOVASCULAR DISEASE SEGMENT TO ACCOUNT FOR THE LARGEST SHARE IN THE SYNTHETIC STEM CELLS MARKET

Figure 10 NORTH AMERICA TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 11 STEM CELL RESEARCH FUNDING (USD MILLION)

Figure 12 STEM CELL CLINICAL TRIALS

Figure 13 CARDIOVASCULAR DISEASE: CLINICAL TRIALS

Figure 14 NEUROLOGICAL DISORDERS: CLINICAL TRIALS

Figure 15 OTHER APPLICATIONS: CLINICAL TRIALS

Figure 16 GEOGRAPHIC SNAPSHOT: NORTH AMERICAN SYNTHETIC STEM CELLS MARKET

Figure 17 EUROPEAN COUNTRIES: STEM CELL CLINICAL TRIALS

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