

3D Cell Culture Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global 3D cell culture market looks promising with opportunities in cancer & stem cell research, drug discovery & toxicology testing, and tissue engineering & regenerative medicine applications. The global 3D cell culture market is expected to grow with a CAGR of 15%-17% from 2020 to 2025. The major drivers for this market are rapid change from 2D technology to 3D technology, increasing research and development activities, and increasing prevalence of chronic diseases.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global 3D cell culture market report, please download the report brochure.

In this market, consumables is the largest product of cell culture, whereas stem cell is the largest application. Growth in various segments of the cell culture market are given below:

The study includes trends and forecast for the global 3D cell culture market by product, application, end user, and region as follows:

By Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Scaffold-Based 3D Cell Cultures Scaffold-Free 3D Cell Cultures Microfluidics-Based 3D Cell Cultures Magnetic & Bioprinted 3D Cell Cultures

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Cancer and Stem Cell Research
Drug Discovery & Toxicology Testing
Tissue Engineering & Regenerative Medicine

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Pharmaceutical and Biotech Companies
Research Institutes
Cosmetic Industry
Others

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America
United States
Canada
Mexico
Europe
United Kingdom
Germany
France
Asia
Pacific
China
India
Japan
The Rest of the World
Brazil

Some of the 3D cell culture companies profiled in this report include Thermo Fisher Scientific, Corning, Merck, Lonza, REPROCELL, TissUse, InSphero, Synthecon, 3D Biotek, and CN Bio.

Lucintel forecasts that the scaffold-based 3D cell cultures will remain the largest segment over the forecast period due to its rigid structure and ability of cultures in three-dimension to manipulate genetic factors.

Within this market, pharmaceutical and biotech companies will remain the largest segment by end user over the forecast period due to increasing research and development activities by pharmaceutical and biotech companies and growing demand for alternative testing models over animal techniques.

North America will remain the largest region over the forecast period due to availability of advanced technologies and increasing prevalence of chronic diseases.

Features of the Global 3D Cell Culture Market

Market Size Estimates: Global 3D cell culture market size estimation in terms of value (\$M) shipment.
Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.
Segmentation Analysis: Global 3D cell culture market size by various segments, such as product, application, and end user, in terms of value.
Regional Analysis: Global 3D cell culture market breakdown by North America, Europe, Asia Pacific, and Rest of the World.
Growth Opportunities: Analysis of growth opportunities in different products, applications, end users, and regions for the global 3D

cell culture market. Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global 3D cell culture market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global 3D cell culture market by product (scaffold-based 3D cell cultures, scaffold-free 3D cell cultures, microfluidics-based 3D cell cultures, and magnetic & bioprinted 3D cell cultures), application (cancer and stem cell research, drug discovery & toxicology testing, and tissue engineering & regenerative medicine), end user (pharmaceutical and biotech companies, research institutes, cosmetic industry, and others), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global 3D cell culture market?

Q.5 What are the business risks and threats to the global 3D cell culture market?

Q.6 What are the emerging trends in the 3D cell culture market and the reasons behind them?

Q.7 What are some changing demands of customers in the 3D cell culture market?

Q.8 What are the new developments in the 3D cell culture market? Which companies are leading these developments?

Q.9 Who are the major players in the 3D cell culture market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in the 3D cell culture market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global 3D cell culture market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecast, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Scaffold-Based 3D Cell Cultures, Scaffold-Free 3D Cell Cultures, Microfluidics-Based 3D Cell Cultures, and Magnetic & Bioprinted 3D Cell Cultures), Application (Cancer And Stem Cell Research, Drug Discovery & Toxicology Testing, and Tissue Engineering & Regenerative Medicine), and End User (Pharmaceutical And Biotech Companies, Research Institutes, Cosmetic Industry, and Others)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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