

3D Cell Culture - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global 3D Cell Culture Market is accounted for \$1,032.04 million in 2020 and is expected to reach \$3,801.10 million by 2028 growing at a CAGR of 17.7% during the forecast period. Increasing focus on developing alternatives to animal testing and increasing incidence of chronic diseases are driving the market growth. However, the high cost of cell biology research is restraining the market growth.

3D Cell Culture is a practice of increasing biological cells and enables biological cells to interact with their surroundings in all three dimensions. This practice allows the cells to develop in their natural environment in an in vivo condition. A variety of techniques is used to carry out culturing of cells in all three dimensions.

Based on the technology, the scaffold-based 3D cell cultures segment is going to have lucrative growth during the forecast period due to the availability of a variety of materials and structural choices and also advantages such as ease of imaging and simple assay protocol.

By geography, Asia Pacific is going to have high growth during the forecast period due to the increase in drug discoveries and the rise in emphasis on the biotechnology industry. Also, the certain number of research and development projects is being initiated in countries. The Government of Japan is focusing more on cell-based regenerative medicine and also the country is making effort in launching new products in the market.

Some of the key players profiled in the 3D Cell Culture include 3D Biotek, Advanced BioMatrix, CN Bio, Corning Incorporated, Emulate, Greiner Bio-One International, Hurel Corporation, Hamilton Company, InSphero, Lonza AG, Merck KGaA, MIMETAS, PromoCell, QGel SA, REPROCELL Incorporated, Synthecon, SynVivo, Thermo Fisher

Scientific, and Tissue Use.

Products Covered:

Consumables

Instruments

Purposes Covered:

Research Use

Therapeutic Use

Technologies Covered:

Scaffold-Based 3D Cell Cultures

Scaffold-Free 3D Cell Cultures

Other Technologies

Applications Covered:

Biotech Research

Cancer & Stem Cell Research

Clinical Applications

Drug Discovery & Toxicology Testing

Gene Therapy

Immunohistochemistry

Neuroscience

Screening & Development

Tissue Engineering & Regenerative Medicine

Tumor Model

End Users Covered:

Biopharmaceutical Industry

Contract Research Laboratories & Academic Institutes

Cosmetics Industry

Hospitals and Diagnostic Centers

Pharmaceutical & Biotechnology Companies

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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