

Cell Culture Instruments And Consumables Market- Global Opportunity Analysis And Industry Forecasts To 2022

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Abstracts

Market Overview

Global Cell Culture Market is expected to reach USD 21,058 million by 2022, at a CAGR of 10.7% during the forecast period of 2017 to 2022. The global cell culture market is mainly driven by the increase in the life science research, advancement in cell based technology, increasing prevalence of chronic diseases, rising demand for cell based therapies, and increasing cell based production. However, lack of awareness about emerging diagnosis technologies, high cost of cell culture research, and high risk of contamination inhibits the growth of the market to some extent. Moreover, handling and optimization of cell based protocol further challenges the growth of this market.

Market Segmentation

The global cell culture market is mainly segmented by product (Consumables and instruments), by application, (vaccination, toxicity testing, cancer research, drug screening and development, recombinant products, stem cell technology, regenerative medicine, and others), and by end user (pharmaceutical & biotechnology industry, academic institutes, and research centers).

Geographic Overview

Geographically, the global cell culture market is segmented into five major regions, namely North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa. These regions are further analyzed at a country level with the detailed qualitative and quantitative analysis. North America accounted for the major share in the global cell

culture market in 2016, followed by Europe, and Asia-Pacific region. The large share of this region is primarily attributed to the increased funding in medical research, drug development regulations which demand cell culture products, growing aging population and thereby prevalence of various chronic diseases, and direct & indirect financial investments in the pharma biotech industries. However, Asia-Pacific region possesses lucrative growth potential for the cell culture market during the forecast period, owing to the increasing demand in China and India, high population zone, various technological advancements, increasing investment in the healthcare and pharmaceutical sector, rising investment from government & non-government bodies, and growing pharma biotech industry in the region.

Key players

The key players operating in the global cell culture market are Irvine Scientific, HiMedia Laboratories, Cell Culture Company (CCC) LLC, Merck & Co., Incorporation, GE Healthcare, Agilent Technologies, Thermo Fisher Scientific, PromoCell GmbH, Lonza (Switzerland), Corning Incorporation, Becton Dickinson (BD), CellGenix GmbH (Germany), InvivoGen, Sera Care Life Sciences Incorporation, and American Type Culture Collection (ATCC).

Scope of the report

Cell Culture Market, by Product:

Consumables

Media

Reagents

Sera

Media

Synthetic Media

Classical Media

Natural Media

Speciality Media

Stem Cell Media

Synthetic Media

Serum Free Media

Chemically Defined Media

Protein Free media

Xeno Free Media

Serum Containing Media

Natural Media

Biological Fluids

Tissue Extracts

Coagulants or Clots

Reagents

Growth Factors and Cytokines

Cryopreservatives

Subculturing Reagents

Protease Inhibitors

Antibiotics

Buffers

Attached and Matrix Factors

Amino Acids

Balanced Salt Solutions

Others

Sera

Fetal Bovine Serum

New Born Calf Serum

Other Animal Sera

Instruments

Sterilizers

Bioreactors

Biosafety Cabinets

Carbon Dioxide Incubator

Cryopreservatives Tanks

Centrifuges

Microscopes

Cell Counters

Pipetting Instruments

Cell Culture Vessels

Cell Culture Vessels

Culture Dishes

T-Flasks

Roller Bottles

Culture Plates

Culture Bags

Cell Culture Market, by Application:

Vaccination

Recombinant Products

Cancer Research

Drug Screening & Development

Toxicity Testing

Stem Cell Technology

Regenerative Medicines

Others

Cell Culture Market, by End Users:

Pharmaceutical and Biotechnology Industry

Academic Institutes

Research Centers

Cell Culture Market, by Geography

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Spain

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

Key questions answered in the report-

Which are the high growth market segments in terms of products, applications, end users, and regions/countries?

What is the historical market for cell culture across the globe?

What are the market forecasts and estimates from the period 2015-2022?

What are the major drivers, restraints, challenges, and trends in the global cell culture market?

Who are the major players in the global cell culture market and what share of the market do they hold?

Who are the major players in various countries and what share of the market do they hold?

What are the competitive landscapes and who are the market leaders by sub-region in the global cell culture market?

What are the recent developments in the global cell culture market?

What are the different strategies adopted by the major players in the global cell culture market?

What are the geographical trends and high growth regions/ countries?

Who are the local emerging players in the global cell culture market and how do they compete with the global players?

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