Cell Culture Market by Equipment (Bioreactor, Culture Vessels (Multiwell Plates, Petri Dish)), Consumables (FBS, ABS, Media, Reagents), Application (Therapeutics, Stem Cell), End Users (Pharmaceutical and Biotechnology, Research) - Forecast to 2020

Description: Major factors driving the growth of this market include increasing incidence of chronic diseases, increasing regulatory approvals for cell culture-based vaccines, growing demand for monoclonal antibodies (mAbs), funding for cell-based research, growing use of single-use technologies, and technological advancements in cell culture products. On the other hand, factors such as high cost of research in cell biology, and lack of infrastructure for cell-based research are likely to hinder the market growth.

In 2015, North America is expected to dominate the market, followed by Europe. However, the cell culture market in Asia is slated to grow at the highest CAGR owing to favorable regulatory guidelines, government support for cell culture-based vaccine production, low manufacturing cost, and growing focus of global market players in emerging Asian economies.

Key market players include Thermo Fisher Scientific, Inc. (U.S.), Merck KGaA (Germany), GE Healthcare (U.K.), Lonza Group AG (Switzerland), Becton, Dickinson and Company (U.S.), Corning, Inc. (U.S.), Eppendorf AG (Germany), Hi-Media Laboratories (India), Sartorius AG (Germany), and Promocell GmbH (Germany).

Stakeholders include pharmaceutical and biotechnology companies, manufacturers of cell culture equipment, contract research organizations, life science research institutes, venture capitalists, and research and consulting firms.

Scope of the Report

This report covers the global cell culture market by product, application, end user, and region.

Cell Culture Market, by Product

- Instruments
  -- Bioreactors
    --- Conventional Bioreactors
    --- Single-Use Bioreactors
  -- Cell Culture Vessels
    --- Flasks
    --- Roller Bottles/Roux Bottles
    --- Cell Factory/Cell Stacks
    --- Multi-well Plates
    --- Petri Dishes
  -- Cell Culture Storage Equipment
    --- Refrigerators and Freezers
    --- Cryostorage Systems
  -- Cell Culture Supporting Instruments
    --- Cell Counters
    --- Filtration Systems
    --- Centrifuges
    --- CO2 Incubators
    --- Autoclaves
    --- Microscopes
    --- Biosafety Cabinets
    --- Other Supporting instruments
- Consumables
  -- Sera, Media, and Reagents
  --- Sera
    ---- Fetal Bovine Sera (FBS)
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