

Cell Culture Consumables and Cell Culture Media Market (2nd Edition): Distribution by Type of Product (Culture Media, Kits, Cell Culture Reagents and Extracellular Matrices), Type of Cell Therapy (T-Cell Therapy, Stem Cell Therapy, Dendritic Cell Therapy and NK Cell Therapy), Scale of Operation (Clinical and Commercial), Type of End User (Industry and Non-Industry) and Key Geographical Regions (North America, Europe, Asia-Pacific, Middle East and North Africa (MENA) and Latin America): Industry Trends and Global Forecasts, 2023-2035

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Abstracts

The cell culture consumables and cell culture media market is expected to reach USD 1,176 million in 2023 anticipated to grow at a CAGR of 12% during the forecast period 2023-2035.

Cell therapy, an innovative therapeutic modality involving the infusion of healthy cells into the body to replace or repair damaged or dysfunctional cells, has emerged as a pivotal frontier in modern healthcare. This approach exhibits promising potential in treating previously untreatable diseases, driving significant interest and demand within the medical domain. The regulatory approvals granted to such therapies have further heightened the importance of materials crucial in their production, particularly cell therapy consumables.

Cell therapy consumables encompass a spectrum of materials indispensable in the

manufacturing process of these advanced therapies. Among these, cell culture media and supplements hold paramount significance as they profoundly impact the efficacy and safety of the final cellular product. This comprehensive report undertakes an in-depth market analysis of cell culture consumables, primarily focusing on four primary categories: cell culture media, media kits integrating culture media with essential supplements, cell culture reagents, and extracellular matrices.

The escalating demand for cell therapies has underscored the critical role of consumables in ensuring the quality and potency of the eventual therapeutic products. Through a meticulous examination of these four predominant categories of consumables, this report endeavors to offer comprehensive insights into their significance, prevailing market trends, and far-reaching implications within the rapidly expanding landscape of cell therapy manufacturing.

Report Coverage

An executive summary of the insights captured during our research, offering a high-level view on the current state of the cell therapy consumables market and its likely evolution in the mid-long term.

A general introduction to cell therapies, including details related to the development and manufacturing of such therapeutics products, with additional focus on role of raw materials in cell therapy production. It further provides a brief overview of the different types of cell therapy consumables and key challenges associated with their development.

A detailed assessment of the overall market landscape of companies offering cell therapy consumables, based on several relevant parameters, such as year of establishment, company size, location of headquarters, type of product, number and location of consumable facilities, accreditations received, type of end-user, media compatibility, type of cell therapy, type of function, kit components, type of ECM coating, type of formulation, shelf life, scale of operation, application area, storage temperature, as well as volume of media, reagents and extracellular matrices.

A detailed competitiveness analysis of cell therapy consumable providers (kits, media, reagents and extracellular matrices) based on supplier strength (in terms of years of experience and company size), portfolio strength (considering media compatibility, number of unique type of cell therapy, application area, product

manufacturing practices and number of consumable facilities) and number of products offered.

A detailed brand positioning analysis of prominent industry players (shortlisted on the basis of service portfolio strength), highlighting the current perceptions regarding their proprietary brands across different consumable classes.

Detailed profiles of key players offering cell therapy consumables (shortlisted on the basis of portfolio strength and number of products offered); each profile includes a brief overview of the company, along with information on its cell therapy consumables focused product portfolio, consumable facilities, recent developments and an informed future outlook.

An analysis of recent developments within the cell therapy consumables domain, highlighting information on recent partnerships, collaborations, mergers, acquisitions and expansion initiatives that have taken place within this domain, during the period 2016-2022.

A proprietary Roots Analysis competitive pricing framework, which analyzes the competitive position of various companies engaged in this domain, by taking into consideration the prices and features of their consumable offerings (such as media and extracellular matrices). In addition, it presents an equation devised to calculate the likely price of cell therapy consumables based upon their characteristics.

An informed estimate of the annual demand for cell therapy consumables (in terms of volume of media required for total number of cells), based on scale of operation and key geographical regions.

A comprehensive market forecast analysis, highlighting the future potential of the market till 2035. Our year-wise projections of the current and forecasted opportunity have been further segmented based on relevant parameters, such as type of product (kits, media, reagents and extracellular matrices), type of cell therapy (t-cell therapies, stem cell therapies, dendritic cell therapies and NK cell therapies), scale of operation (clinical and commercial), type of end-user (industry and non-industry) and key geographical regions (North America, Europe, Asia-Pacific, MENA and Latin America).

Key Market Companies

BD Biosciences

Bio-Techne

CellGenix

Corning

Irvine Scientific (Acquired by FUJIFILM)

Lonza

Miltenyi Biotech

Sartorius

STEMCELL Technologies

Thermo Fisher Scientific

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