Global Cell Culture Protein Surface Coating Market Insights, Opportunity, Analysis, Market Shares And Forecast 2017 - 2023

Description: The global cell culture protein surface coating market is expected to reach $781 million by 2022 growing at 15.4% CAGR during 2016-2022. In regional outlook, market is divided into North America, Europe, Asia Pacific and Rest of the World. North America dominates the global cell culture protein surface coating market. The major reason of this dominance is the presence of major market players such as Becton, Dickson and Company etc., which are headquartered in North American region. Apart from this, large scale R&D in stem cells, increasing healthcare expenditure and advancements in technology related to biotechnology is also improving the North American market. Asia Pacific is showing fastest growth in the global cell culture protein surface coating market in the forecast year. Rising population, increase in quality of infrastructure in the area of biotechnology and healthcare is the major reason for the growth of Asia Pacific region. Europe is showing rapid growth rate majorly due to favorable government policies, and rising application of biotechnology in the region. Rest of the world is also showing positive growth rate, due to penetration of major players of the cell culture protein surface coating in this region.

Major reason which boosted the global cell culture protein surface coating market is the varied application of cell culture, rise in expenditure of stem cell research, technological advancements, globally increasing healthcare expenditure and growing preference of 3D cell cultures over 2D cell cultures. But, there are some reasons which hinder the growth of market such as the restrictions on the use of animal source protein coating material and the high cost of global cell culture protein surface coating technologies. Biochips have been developed and commercialized in mid-eighties, but the market has changed and has gained momentum in the last few years. Global cell culture protein surface coating market has tremendous scope due to significant adoption of varied usage of cell culture across the globe.

Global cell culture protein surface coating market is divided on the basis of protein source, by type of coating and regional outlook. In protein source segment, market is divided into plant source, animal source, human source, and synthetic source. The synthetic source protein is dominating the protein source segment. The major reason behind this dominance is their rising demand in production of therapeutic and its increasing biopharmaceuticals applications. Usage of animal source is expected to hamper the growth of global market in the animal source segment due to raising ethical concerns. In type of coating segment, market is divided into self-coating, pre coating, multi well coating, petri dish, flasks, slides and cover slips. Self-coating segment dominates the type of coating segment of the global cell culture protein surface coating market in the forecast period.

Some of the major market players are Thermo Fisher Scientific, Greiner Bio One International AG, Becton, Dickson And Company Cedarlane Laboratories, Biomedtech Laboratories, Orla Protein Technologies, Greiner Bio One, Full Moon Bio System, Cell Guidance Systems etc. Acquisition, mergers and expansions are the key strategies adopted by the market players to sustain in the market.

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