Global Markets and Manufacturing Technologies for Protein Drugs

Description: The global protein drugs market reached nearly $174.7 billion in 2015 and should reach nearly $248.7 billion by 2020 at a compound annual growth rate (CAGR) of 7.3% through 2020.

This report will provide:

- An overview of the markets for each major class of protein in the segments therapeutic monoclonal antibodies, cytokines, peptide hormones, vaccines, and blood products
- Analyses of global market trends, with data from 2014, estimates for 2015, and projections of compound annual growth rates (CAGRs) through 2020
- Discussion covering the strength and weaknesses of each type of technology in light of the new technologies, growing competition, and changing customer needs
- Examinations of current successes, including the size and sales forecast for each class in the next five years
- Evaluation of challenges such as delivery methods and side effects
- Consideration of issues regarding add-on products and patent protection
- Company profiles of major players

Scope of the report:

The scope of this study covers manufacturing of protein drugs technologies. Each market and its applications, regulatory environment, technology, market projections and market shares were analyzed. Technological issues include the latest trends and developments. This report covers the currently used six techniques in manufacturing of protein therapeutics, which includes fractionation from natural human/animal sources, microbial fermentation, cell culture, chemical synthesis, transgenics and embryonated eggs. The emerging market for enzyme inhibitors includes countries such as India, China, Japan, Korea, Taiwan, Canada, Africa, Australia and New Zealand. The protein drugs that are covered in this report are monoclonal antibodies, cytokines, peptide antibiotics, vaccines, enzymes and blood factors. The market is also analyzed on the basis of the manufacturing process used in making therapeutic protein drugs.

Also included in the report are relevant patent analysis and comprehensive profiles of companies that lead the manufacturing of the protein drug industry. Some of the major players of the market include Eli Lilly & Co., Abbvie Inc., F. Hoffmann-La Roche Ltd., Sanofi S.A., Novo Nordisk AG, Novartis AG, Merck & Co., Merck KGaA and Amgen Inc..

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