

Global PEGylated Proteins Market Size study & Forecast, by Protein Type (Colony-stimulating factor, Interferons, Erythropoietin, Recombinant factor VII, Others), by Product & Services (Consumables, Services), by Application (Cancer, Autoimmune diseases, Hepatitis, Multiple sclerosis, Hemophilia, Gastrointestinal disorders, Others), by End-User (Pharmaceutical & biotechnology companies, Contract research organizations, Academic & research institutes), and Regional Analysis, 2022-2029

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Abstracts

Global PEGylated Proteins Market is valued at approximately USD 1.14 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 11.71% over the forecast period 2022-2029. PEGylation is a method of altering or binding biological molecules by coupling with polyethylene glycol. PEGylation helps in improving the stability and solubility of the drug, along with it reduces immunogenicity by altering the electrostatic binding, confirmation, and hydrophobicity of the molecule. The market growth is primarily driven by the factors such as rising consumption of protein-based drugs, increasing inclination towards protein treatments, coupled with the development of the biologics sector

The rising prevalence of chronic diseases such as cancer, autoimmune diseases, hepatitis, gastrointestinal disorders, etc. is stipulating the demand for PEGylated Proteins in the global market. According to National Cancer Institute, the number of cancer patients is expected to rise to 29.5 million cases, by the year 2040 from 18.1

million cases, in the year 2018. Accordingly, the high incidences of cancer are fostering the demand for PEGylated proteins in cancer therapy accelerating the growth of the market. In addition, the growing investment in the R&D of biologics, as well as the high presence of strong pipeline drugs are presenting various growth prospects to the market over the forecasting years. However, the high cost of the production process for PEGylation and patent expiration for novel PEGylated biologics are hampering the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global PEGylated Proteins Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America dominated the market in terms of revenue, owing to the growing awareness regarding advanced therapeutics, increasing incentives to advance healthcare plans and the presence of key players. Whereas, the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the presence of a huge population base, surging demand for proteins-based drugs, and the increased government funds in the regional market.

Major market players included in this report are:

Thermo Fisher Scientific, Inc.

Abcam plc.

Enzon Pharmaceuticals, Inc.

Merck KGaA

Celares GmbH

Profacgen

Creative PEGworks

NOF America Corp.

Aurigene Pharmaceutical Services Ltd.

Laysan Bio, Inc.

Recent Developments in the Market:

In February 2022, Merck KGaA unveils the acquisition of Exelead- a full-service biopharmaceutical CDMO for USD 780 million with the objective of expanding the company's mRNA and lipid capabilities. Merck KGaA also declared that it has intend to invest more than USD 485.67 to augment the technologies.

Global PEGylated Proteins Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Protein Type, Product & Services, Application, End-User, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Protein Type:

- Colony-stimulating factor
- Interferons
- Erythropoietin
- Recombinant factor VII
- Others

By Product & Services:

- Consumables
- Services

By Application:

- Cancer
- Autoimmune diseases
- Hepatitis
- Multiple sclerosis
- Hemophilia
- Gastrointestinal disorders
- Others

By End-User:

Pharmaceutical & biotechnology companies
Contract research organizations
Academic & research institutes

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. PEGylated Proteins Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. PEGylated Proteins Market, by Protein Type, 2019-2029 (USD Billion)
 - 1.2.3. PEGylated Proteins Market, by Product & Services, 2019-2029 (USD Billion)
 - 1.2.4. PEGylated Proteins Market, by Application, 2019-2029 (USD Billion)
 - 1.2.5. PEGylated Proteins Market, by End-User, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL PEGYLATED PROTEINS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL PEGYLATED PROTEINS MARKET DYNAMICS

- 3.1. PEGylated Proteins Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising consumption of proteins-based drugs
 - 3.1.1.2. Rising prevalence of chronic diseases
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cost of the production process for PEGylation
 - 3.1.2.2. Patent expiration for novel PEGylated biologics
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing investment in the R&D of biologics
 - 3.1.3.2. High presence of strong pipeline drugs

CHAPTER 4. GLOBAL PEGYLATED PROTEINS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL PEGYLATED PROTEINS MARKET, BY PROTEIN TYPE

- 6.1. Market Snapshot
- 6.2. Global PEGylated Proteins Market by Protein Type, Performance - Potential Analysis
- 6.3. Global PEGylated Proteins Market Estimates & Forecasts by Protein Type 2019-2029 (USD Billion)
- 6.4. PEGylated Proteins Market, Sub Segment Analysis
 - 6.4.1. Colony-stimulating factor
 - 6.4.2. Interferons
 - 6.4.3. Erythropoietin
 - 6.4.4. Recombinant factor VII
 - 6.4.5. Others

CHAPTER 7. GLOBAL PEGYLATED PROTEINS MARKET, BY PRODUCT & SERVICES

- 7.1. Market Snapshot
- 7.2. Global PEGylated Proteins Market by Product & Services, Performance - Potential Analysis
- 7.3. Global PEGylated Proteins Market Estimates & Forecasts by Product & Services 2019-2029 (USD Billion)
- 7.4. PEGylated Proteins Market, Sub Segment Analysis
 - 7.4.1. Consumables
 - 7.4.2. Services

CHAPTER 8. GLOBAL PEGYLATED PROTEINS MARKET, BY APPLICATION

- 8.1. Market Snapshot
- 8.2. Global PEGylated Proteins Market by Application, Performance - Potential Analysis
- 8.3. Global PEGylated Proteins Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 8.4. PEGylated Proteins Market, Sub Segment Analysis
 - 8.4.1. Cancer
 - 8.4.2. Autoimmune diseases
 - 8.4.3. Hepatitis
 - 8.4.4. Multiple sclerosis
 - 8.4.5. Hemophilia
 - 8.4.6. Gastrointestinal disorders
 - 8.4.7. Others

CHAPTER 9. GLOBAL PEGYLATED PROTEINS MARKET, BY END-USER

- 9.1. Market Snapshot
- 9.2. Global PEGylated Proteins Market by End-User, Performance - Potential Analysis
- 9.3. Global PEGylated Proteins Market Estimates & Forecasts by End-User 2019-2029 (USD Billion)
- 9.4. PEGylated Proteins Market, Sub Segment Analysis
 - 9.4.1. Pharmaceutical & biotechnology companies
 - 9.4.2. Contract research organizations
 - 9.4.3. Academic & research institutes

CHAPTER 10. GLOBAL PEGYLATED PROTEINS MARKET, REGIONAL ANALYSIS

- 10.1. PEGylated Proteins Market, Regional Market Snapshot
- 10.2. North America PEGylated Proteins Market

- 10.2.1. U.S. PEGylated Proteins Market
 - 10.2.1.1. Protein Type breakdown estimates & forecasts, 2019-2029
 - 10.2.1.2. Product & Services breakdown estimates & forecasts, 2019-2029
 - 10.2.1.3. Application breakdown estimates & forecasts, 2019-2029
 - 10.2.1.4. End-User breakdown estimates & forecasts, 2019-2029
- 10.2.2. Canada PEGylated Proteins Market
- 10.3. Europe PEGylated Proteins Market Snapshot
 - 10.3.1. U.K. PEGylated Proteins Market
 - 10.3.2. Germany PEGylated Proteins Market
 - 10.3.3. France PEGylated Proteins Market
 - 10.3.4. Spain PEGylated Proteins Market
 - 10.3.5. Italy PEGylated Proteins Market
 - 10.3.6. Rest of Europe PEGylated Proteins Market
- 10.4. Asia-Pacific PEGylated Proteins Market Snapshot
 - 10.4.1. China PEGylated Proteins Market
 - 10.4.2. India PEGylated Proteins Market
 - 10.4.3. Japan PEGylated Proteins Market
 - 10.4.4. Australia PEGylated Proteins Market
 - 10.4.5. South Korea PEGylated Proteins Market
 - 10.4.6. Rest of Asia Pacific PEGylated Proteins Market
- 10.5. Latin America PEGylated Proteins Market Snapshot
 - 10.5.1. Brazil PEGylated Proteins Market
 - 10.5.2. Mexico PEGylated Proteins Market
 - 10.5.3. Rest of Latin America PEGylated Proteins Market
- 10.6. Rest of The World PEGylated Proteins Market

CHAPTER 11. COMPETITIVE INTELLIGENCE

- 11.1. Top Market Strategies
- 11.2. Company Profiles
 - 11.2.1. Thermo Fisher Scientific, Inc.
 - 11.2.1.1. Key Information
 - 11.2.1.2. Overview
 - 11.2.1.3. Financial (Subject to Data Availability)
 - 11.2.1.4. Product Summary
 - 11.2.1.5. Recent Developments
 - 11.2.2. Abcam plc.
 - 11.2.3. Enzon Pharmaceuticals, Inc.
 - 11.2.4. Merck KGaA

- 11.2.5. Celares GmbH
- 11.2.6. Profacgen
- 11.2.7. Creative PEGworks
- 11.2.8. NOF America Corp.
- 11.2.9. Aurigene Pharmaceutical Services Ltd.
- 11.2.10. Laysan Bio, Inc.

CHAPTER 12. RESEARCH PROCESS

- 12.1. Research Process
 - 12.1.1. Data Mining
 - 12.1.2. Analysis
 - 12.1.3. Market Estimation
 - 12.1.4. Validation
 - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global PEGylated Proteins Market, report scope

TABLE 2. Global PEGylated Proteins Market estimates & forecasts by Region
2019-2029 (USD Billion)

TABLE 3. Global PEGylated Proteins Market estimates & forecasts by Protein Type
2019-2029 (USD Billion)

TABLE 4. Global PEGylated Proteins Market estimates & forecasts by Product &
Services 2019-2029 (USD Billion)

TABLE 5. Global PEGylated Proteins Market estimates & forecasts by Application
2019-2029 (USD Billion)

TABLE 6. Global PEGylated Proteins Market estimates & forecasts by End-User
2019-2029 (USD Billion)

TABLE 7. Global PEGylated Proteins Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 8. Global PEGylated Proteins Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 9. Global PEGylated Proteins Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 10. Global PEGylated Proteins Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 11. Global PEGylated Proteins Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 12. Global PEGylated Proteins Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 13. Global PEGylated Proteins Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 14. Global PEGylated Proteins Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 15. Global PEGylated Proteins Market by segment, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 16. Global PEGylated Proteins Market by region, estimates & forecasts,
2019-2029 (USD Billion)

TABLE 17. U.S. PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 18. U.S. PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 19. U.S. PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 20. Canada PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 21. Canada PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 22. Canada PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 23. UK PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 24. UK PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 25. UK PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 26. Germany PEGylated Proteins Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 27. Germany PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 28. Germany PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 29. France PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 30. France PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 31. France PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 32. Italy PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 33. Italy PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 34. Italy PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 35. Spain PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 36. Spain PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 37. Spain PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 38. RoE PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 39. RoE PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 40. RoE PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 41. China PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 42. China PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 43. China PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 44. India PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 45. India PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 46. India PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 47. Japan PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 48. Japan PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 49. Japan PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 50. South Korea PEGylated Proteins Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 51. South Korea PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 52. South Korea PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 53. Australia PEGylated Proteins Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 54. Australia PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 55. Australia PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 56. RoAPAC PEGylated Proteins Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 57. RoAPAC PEGylated Proteins Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 58. RoAPAC PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 60. Brazil PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Brazil PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 63. Mexico PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. Mexico PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 66. RoLA PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. RoLA PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row PEGylated Proteins Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 69. Row PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. Row PEGylated Proteins Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 71. List of secondary sources, used in the study of global PEGylated Proteins Market

TABLE 72. List of primary sources, used in the study of global PEGylated Proteins Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global PEGylated Proteins Market, research methodology
 - FIG 2. Global PEGylated Proteins Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global PEGylated Proteins Market, key trends 2021
 - FIG 5. Global PEGylated Proteins Market, growth prospects 2022-2029
 - FIG 6. Global PEGylated Proteins Market, porters 5 force model
 - FIG 7. Global PEGylated Proteins Market, pest analysis
 - FIG 8. Global PEGylated Proteins Market, value chain analysis
 - FIG 9. Global PEGylated Proteins Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global PEGylated Proteins Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global PEGylated Proteins Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global PEGylated Proteins Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global PEGylated Proteins Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global PEGylated Proteins Market, regional snapshot 2019 & 2029
 - FIG 15. North America PEGylated Proteins Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe PEGylated Proteins Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia Pacific PEGylated Proteins Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America PEGylated Proteins Market 2019 & 2029 (USD Billion)
 - FIG 19. Global PEGylated Proteins Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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