

# Global Molecular Pharming Market 2023 by Company, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/GA972FD9C6C5EN.html

Date: June 2023 Pages: 111 Price: US\$ 3,480.00 (Single User License) ID: GA972FD9C6C5EN

# Abstracts

According to our (Global Info Research) latest study, the global Molecular Pharming market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Molecular pharming, also known as biopharming, is a technology that involves the use of genetically modified plants to produce pharmaceuticals or industrial chemicals. This approach relies on the ability of plants to serve as bioreactors for the production of proteins and other complex molecules.

To produce a desired protein, the gene encoding the protein is first inserted into the plant genome. The plant is then grown under controlled conditions, and the protein is harvested from the plant tissue. The protein can then be purified and used for a variety of applications, including drug development, vaccines, and enzyme replacement therapies.

Molecular pharming has several advantages over traditional methods of protein production. Plants are relatively easy to grow and require minimal processing, which can result in lower production costs. Additionally, plant-based production systems are considered to be safer than those that use animal cells or bacteria, as plants are less likely to transmit viruses or other contaminants.

Despite its potential benefits, molecular pharming also has some limitations and challenges. One of the main challenges is ensuring that the plant-produced proteins are properly folded and functional, which can be influenced by factors such as post-translational modifications, environmental conditions, and the choice of plant species.



Additionally, there are regulatory and ethical considerations associated with using genetically modified plants for pharmaceutical production.

This report is a detailed and comprehensive analysis for global Molecular Pharming market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Molecular Pharming market size and forecasts, in consumption value (\$ Million), 2018-2029

Global Molecular Pharming market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global Molecular Pharming market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global Molecular Pharming market shares of main players, in revenue (\$ Million), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Molecular Pharming

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Molecular Pharming market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Medicago Inc, Meristem Therapeutics S.A.



(Ventria Bioscience), Miruku, Moolec Science Limited and mozza, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market segmentation

Molecular Pharming market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Gene Gun

Agroinfiltration

Electroporation

Agrobacterium-Mediated Gene Transfer

Market segment by Application

**Recombinant Antibodies** 

Hormones, Vaccines

Industrial Enzymes

Proteins & Protein-Based Materials

**Technical Reagents** 

Nutritional Products

Market segment by players, this report covers



#### Medicago Inc

Meristem Therapeutics S.A. (Ventria Bioscience)

Miruku

Moolec Science Limited

mozza

Nobell Foods

Agrenvec S.L

**Bright Biotech** 

**Core Biogenesis** 

**Diamante SRL** 

Leaf Systems International Limited

**ORF** Genetics

Pfizer, Inc.

ProdiGene Inc

Protalix Biotherapeutics, Inc

**Tiamat Sciences** 

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)



Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Molecular Pharming product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Molecular Pharming, with revenue, gross margin and global market share of Molecular Pharming from 2018 to 2023.

Chapter 3, the Molecular Pharming competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023.and Molecular Pharming market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Molecular Pharming.

Chapter 13, to describe Molecular Pharming research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Molecular Pharming
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of Molecular Pharming by Type
- 1.3.1 Overview: Global Molecular Pharming Market Size by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Global Molecular Pharming Consumption Value Market Share by Type in 2022
  - 1.3.3 Gene Gun
  - 1.3.4 Agroinfiltration
  - 1.3.5 Electroporation
- 1.3.6 Agrobacterium-Mediated Gene Transfer
- 1.4 Global Molecular Pharming Market by Application
- 1.4.1 Overview: Global Molecular Pharming Market Size by Application: 2018 Versus

#### 2022 Versus 2029

- 1.4.2 Recombinant Antibodies
- 1.4.3 Hormones, Vaccines
- 1.4.4 Industrial Enzymes
- 1.4.5 Proteins & Protein-Based Materials
- 1.4.6 Technical Reagents
- 1.4.7 Nutritional Products
- 1.5 Global Molecular Pharming Market Size & Forecast
- 1.6 Global Molecular Pharming Market Size and Forecast by Region
- 1.6.1 Global Molecular Pharming Market Size by Region: 2018 VS 2022 VS 2029
- 1.6.2 Global Molecular Pharming Market Size by Region, (2018-2029)
- 1.6.3 North America Molecular Pharming Market Size and Prospect (2018-2029)
- 1.6.4 Europe Molecular Pharming Market Size and Prospect (2018-2029)
- 1.6.5 Asia-Pacific Molecular Pharming Market Size and Prospect (2018-2029)
- 1.6.6 South America Molecular Pharming Market Size and Prospect (2018-2029)
- 1.6.7 Middle East and Africa Molecular Pharming Market Size and Prospect (2018-2029)

### **2 COMPANY PROFILES**

- 2.1 Medicago Inc
  - 2.1.1 Medicago Inc Details
  - 2.1.2 Medicago Inc Major Business



2.1.3 Medicago Inc Molecular Pharming Product and Solutions

2.1.4 Medicago Inc Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Medicago Inc Recent Developments and Future Plans

2.2 Meristem Therapeutics S.A. (Ventria Bioscience)

2.2.1 Meristem Therapeutics S.A. (Ventria Bioscience) Details

2.2.2 Meristem Therapeutics S.A. (Ventria Bioscience) Major Business

2.2.3 Meristem Therapeutics S.A. (Ventria Bioscience) Molecular Pharming Product and Solutions

2.2.4 Meristem Therapeutics S.A. (Ventria Bioscience) Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Meristem Therapeutics S.A. (Ventria Bioscience) Recent Developments and Future Plans

2.3 Miruku

2.3.1 Miruku Details

2.3.2 Miruku Major Business

2.3.3 Miruku Molecular Pharming Product and Solutions

2.3.4 Miruku Molecular Pharming Revenue, Gross Margin and Market Share

(2018-2023)

2.3.5 Miruku Recent Developments and Future Plans

2.4 Moolec Science Limited

- 2.4.1 Moolec Science Limited Details
- 2.4.2 Moolec Science Limited Major Business
- 2.4.3 Moolec Science Limited Molecular Pharming Product and Solutions

2.4.4 Moolec Science Limited Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Moolec Science Limited Recent Developments and Future Plans

2.5 mozza

2.5.1 mozza Details

2.5.2 mozza Major Business

2.5.3 mozza Molecular Pharming Product and Solutions

2.5.4 mozza Molecular Pharming Revenue, Gross Margin and Market Share

(2018-2023)

2.5.5 mozza Recent Developments and Future Plans

2.6 Nobell Foods

- 2.6.1 Nobell Foods Details
- 2.6.2 Nobell Foods Major Business
- 2.6.3 Nobell Foods Molecular Pharming Product and Solutions
- 2.6.4 Nobell Foods Molecular Pharming Revenue, Gross Margin and Market Share



#### (2018-2023)

2.6.5 Nobell Foods Recent Developments and Future Plans

2.7 Agrenvec S.L

- 2.7.1 Agrenvec S.L Details
- 2.7.2 Agrenvec S.L Major Business
- 2.7.3 Agrenvec S.L Molecular Pharming Product and Solutions
- 2.7.4 Agrenvec S.L Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Agrenvec S.L Recent Developments and Future Plans

2.8 Bright Biotech

- 2.8.1 Bright Biotech Details
- 2.8.2 Bright Biotech Major Business
- 2.8.3 Bright Biotech Molecular Pharming Product and Solutions
- 2.8.4 Bright Biotech Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Bright Biotech Recent Developments and Future Plans

2.9 Core Biogenesis

- 2.9.1 Core Biogenesis Details
- 2.9.2 Core Biogenesis Major Business
- 2.9.3 Core Biogenesis Molecular Pharming Product and Solutions
- 2.9.4 Core Biogenesis Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)
- 2.9.5 Core Biogenesis Recent Developments and Future Plans

2.10 Diamante SRL

- 2.10.1 Diamante SRL Details
- 2.10.2 Diamante SRL Major Business
- 2.10.3 Diamante SRL Molecular Pharming Product and Solutions

2.10.4 Diamante SRL Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Diamante SRL Recent Developments and Future Plans

2.11 Leaf Systems International Limited

- 2.11.1 Leaf Systems International Limited Details
- 2.11.2 Leaf Systems International Limited Major Business
- 2.11.3 Leaf Systems International Limited Molecular Pharming Product and Solutions

2.11.4 Leaf Systems International Limited Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Leaf Systems International Limited Recent Developments and Future Plans 2.12 ORF Genetics

2.12.1 ORF Genetics Details





2.12.2 ORF Genetics Major Business

2.12.3 ORF Genetics Molecular Pharming Product and Solutions

2.12.4 ORF Genetics Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 ORF Genetics Recent Developments and Future Plans

2.13 Pfizer, Inc.

2.13.1 Pfizer, Inc. Details

2.13.2 Pfizer, Inc. Major Business

2.13.3 Pfizer, Inc. Molecular Pharming Product and Solutions

2.13.4 Pfizer, Inc. Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Pfizer, Inc. Recent Developments and Future Plans

2.14 ProdiGene Inc

2.14.1 ProdiGene Inc Details

2.14.2 ProdiGene Inc Major Business

2.14.3 ProdiGene Inc Molecular Pharming Product and Solutions

2.14.4 ProdiGene Inc Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 ProdiGene Inc Recent Developments and Future Plans

2.15 Protalix Biotherapeutics, Inc

2.15.1 Protalix Biotherapeutics, Inc Details

2.15.2 Protalix Biotherapeutics, Inc Major Business

2.15.3 Protalix Biotherapeutics, Inc Molecular Pharming Product and Solutions

2.15.4 Protalix Biotherapeutics, Inc Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Protalix Biotherapeutics, Inc Recent Developments and Future Plans

2.16 Tiamat Sciences

2.16.1 Tiamat Sciences Details

2.16.2 Tiamat Sciences Major Business

2.16.3 Tiamat Sciences Molecular Pharming Product and Solutions

2.16.4 Tiamat Sciences Molecular Pharming Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Tiamat Sciences Recent Developments and Future Plans

### **3 MARKET COMPETITION, BY PLAYERS**

3.1 Global Molecular Pharming Revenue and Share by Players (2018-2023)

3.2 Market Share Analysis (2022)

3.2.1 Market Share of Molecular Pharming by Company Revenue



- 3.2.2 Top 3 Molecular Pharming Players Market Share in 2022
- 3.2.3 Top 6 Molecular Pharming Players Market Share in 2022
- 3.3 Molecular Pharming Market: Overall Company Footprint Analysis
- 3.3.1 Molecular Pharming Market: Region Footprint
- 3.3.2 Molecular Pharming Market: Company Product Type Footprint
- 3.3.3 Molecular Pharming Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

### 4 MARKET SIZE SEGMENT BY TYPE

4.1 Global Molecular Pharming Consumption Value and Market Share by Type (2018-2023)

4.2 Global Molecular Pharming Market Forecast by Type (2024-2029)

# **5 MARKET SIZE SEGMENT BY APPLICATION**

5.1 Global Molecular Pharming Consumption Value Market Share by Application (2018-2023)

5.2 Global Molecular Pharming Market Forecast by Application (2024-2029)

### **6 NORTH AMERICA**

6.1 North America Molecular Pharming Consumption Value by Type (2018-2029)

6.2 North America Molecular Pharming Consumption Value by Application (2018-2029)

6.3 North America Molecular Pharming Market Size by Country

- 6.3.1 North America Molecular Pharming Consumption Value by Country (2018-2029)
- 6.3.2 United States Molecular Pharming Market Size and Forecast (2018-2029)
- 6.3.3 Canada Molecular Pharming Market Size and Forecast (2018-2029)
- 6.3.4 Mexico Molecular Pharming Market Size and Forecast (2018-2029)

# 7 EUROPE

7.1 Europe Molecular Pharming Consumption Value by Type (2018-2029)

- 7.2 Europe Molecular Pharming Consumption Value by Application (2018-2029)
- 7.3 Europe Molecular Pharming Market Size by Country
- 7.3.1 Europe Molecular Pharming Consumption Value by Country (2018-2029)
- 7.3.2 Germany Molecular Pharming Market Size and Forecast (2018-2029)
- 7.3.3 France Molecular Pharming Market Size and Forecast (2018-2029)



- 7.3.4 United Kingdom Molecular Pharming Market Size and Forecast (2018-2029)
- 7.3.5 Russia Molecular Pharming Market Size and Forecast (2018-2029)
- 7.3.6 Italy Molecular Pharming Market Size and Forecast (2018-2029)

### **8 ASIA-PACIFIC**

- 8.1 Asia-Pacific Molecular Pharming Consumption Value by Type (2018-2029)
- 8.2 Asia-Pacific Molecular Pharming Consumption Value by Application (2018-2029)
- 8.3 Asia-Pacific Molecular Pharming Market Size by Region
- 8.3.1 Asia-Pacific Molecular Pharming Consumption Value by Region (2018-2029)
- 8.3.2 China Molecular Pharming Market Size and Forecast (2018-2029)
- 8.3.3 Japan Molecular Pharming Market Size and Forecast (2018-2029)
- 8.3.4 South Korea Molecular Pharming Market Size and Forecast (2018-2029)
- 8.3.5 India Molecular Pharming Market Size and Forecast (2018-2029)
- 8.3.6 Southeast Asia Molecular Pharming Market Size and Forecast (2018-2029)
- 8.3.7 Australia Molecular Pharming Market Size and Forecast (2018-2029)

# 9 SOUTH AMERICA

- 9.1 South America Molecular Pharming Consumption Value by Type (2018-2029)
- 9.2 South America Molecular Pharming Consumption Value by Application (2018-2029)
- 9.3 South America Molecular Pharming Market Size by Country
  - 9.3.1 South America Molecular Pharming Consumption Value by Country (2018-2029)
  - 9.3.2 Brazil Molecular Pharming Market Size and Forecast (2018-2029)
  - 9.3.3 Argentina Molecular Pharming Market Size and Forecast (2018-2029)

# **10 MIDDLE EAST & AFRICA**

10.1 Middle East & Africa Molecular Pharming Consumption Value by Type (2018-2029)10.2 Middle East & Africa Molecular Pharming Consumption Value by Application (2018-2029)

10.3 Middle East & Africa Molecular Pharming Market Size by Country

10.3.1 Middle East & Africa Molecular Pharming Consumption Value by Country (2018-2029)

- 10.3.2 Turkey Molecular Pharming Market Size and Forecast (2018-2029)
- 10.3.3 Saudi Arabia Molecular Pharming Market Size and Forecast (2018-2029)
- 10.3.4 UAE Molecular Pharming Market Size and Forecast (2018-2029)

### **11 MARKET DYNAMICS**



- 11.1 Molecular Pharming Market Drivers
- 11.2 Molecular Pharming Market Restraints
- 11.3 Molecular Pharming Trends Analysis
- 11.4 Porters Five Forces Analysis
- 11.4.1 Threat of New Entrants
- 11.4.2 Bargaining Power of Suppliers
- 11.4.3 Bargaining Power of Buyers
- 11.4.4 Threat of Substitutes
- 11.4.5 Competitive Rivalry
- 11.5 Influence of COVID-19 and Russia-Ukraine War
- 11.5.1 Influence of COVID-19
- 11.5.2 Influence of Russia-Ukraine War

#### **12 INDUSTRY CHAIN ANALYSIS**

- 12.1 Molecular Pharming Industry Chain
- 12.2 Molecular Pharming Upstream Analysis
- 12.3 Molecular Pharming Midstream Analysis
- 12.4 Molecular Pharming Downstream Analysis

#### **13 RESEARCH FINDINGS AND CONCLUSION**

#### **14 APPENDIX**

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global Molecular Pharming Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Molecular Pharming Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Global Molecular Pharming Consumption Value by Region (2018-2023) & (USD Million)

Table 4. Global Molecular Pharming Consumption Value by Region (2024-2029) & (USD Million)

Table 5. Medicago Inc Company Information, Head Office, and Major Competitors

 Table 6. Medicago Inc Major Business

Table 7. Medicago Inc Molecular Pharming Product and Solutions

Table 8. Medicago Inc Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 9. Medicago Inc Recent Developments and Future Plans

Table 10. Meristem Therapeutics S.A. (Ventria Bioscience) Company Information, Head Office, and Major Competitors

Table 11. Meristem Therapeutics S.A. (Ventria Bioscience) Major Business

Table 12. Meristem Therapeutics S.A. (Ventria Bioscience) Molecular Pharming Product and Solutions

Table 13. Meristem Therapeutics S.A. (Ventria Bioscience) Molecular Pharming

Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 14. Meristem Therapeutics S.A. (Ventria Bioscience) Recent Developments and Future Plans

Table 15. Miruku Company Information, Head Office, and Major Competitors

Table 16. Miruku Major Business

Table 17. Miruku Molecular Pharming Product and Solutions

Table 18. Miruku Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 19. Miruku Recent Developments and Future Plans

Table 20. Moolec Science Limited Company Information, Head Office, and Major Competitors

Table 21. Moolec Science Limited Major Business

Table 22. Moolec Science Limited Molecular Pharming Product and Solutions

Table 23. Moolec Science Limited Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)



 Table 24. Moolec Science Limited Recent Developments and Future Plans

Table 25. mozza Company Information, Head Office, and Major Competitors

Table 26. mozza Major Business

Table 27. mozza Molecular Pharming Product and Solutions

Table 28. mozza Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 29. mozza Recent Developments and Future Plans

Table 30. Nobell Foods Company Information, Head Office, and Major Competitors

Table 31. Nobell Foods Major Business

Table 32. Nobell Foods Molecular Pharming Product and Solutions

Table 33. Nobell Foods Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 34. Nobell Foods Recent Developments and Future Plans

Table 35. Agrenvec S.L Company Information, Head Office, and Major Competitors

Table 36. Agrenvec S.L Major Business

 Table 37. Agrenvec S.L Molecular Pharming Product and Solutions

Table 38. Agrenvec S.L Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 39. Agrenvec S.L Recent Developments and Future Plans

Table 40. Bright Biotech Company Information, Head Office, and Major Competitors

Table 41. Bright Biotech Major Business

Table 42. Bright Biotech Molecular Pharming Product and Solutions

Table 43. Bright Biotech Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 44. Bright Biotech Recent Developments and Future Plans

Table 45. Core Biogenesis Company Information, Head Office, and Major Competitors

- Table 46. Core Biogenesis Major Business
- Table 47. Core Biogenesis Molecular Pharming Product and Solutions

Table 48. Core Biogenesis Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 49. Core Biogenesis Recent Developments and Future Plans
- Table 50. Diamante SRL Company Information, Head Office, and Major Competitors
- Table 51. Diamante SRL Major Business

Table 52. Diamante SRL Molecular Pharming Product and Solutions

Table 53. Diamante SRL Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 54. Diamante SRL Recent Developments and Future Plans

Table 55. Leaf Systems International Limited Company Information, Head Office, and Major Competitors



Table 56. Leaf Systems International Limited Major Business Table 57. Leaf Systems International Limited Molecular Pharming Product and Solutions Table 58. Leaf Systems International Limited Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 59. Leaf Systems International Limited Recent Developments and Future Plans Table 60. ORF Genetics Company Information, Head Office, and Major Competitors Table 61. ORF Genetics Major Business Table 62. ORF Genetics Molecular Pharming Product and Solutions Table 63. ORF Genetics Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 64. ORF Genetics Recent Developments and Future Plans Table 65. Pfizer, Inc. Company Information, Head Office, and Major Competitors Table 66. Pfizer, Inc. Major Business Table 67. Pfizer, Inc. Molecular Pharming Product and Solutions Table 68. Pfizer, Inc. Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 69. Pfizer, Inc. Recent Developments and Future Plans Table 70. ProdiGene Inc Company Information, Head Office, and Major Competitors Table 71. ProdiGene Inc Major Business Table 72. ProdiGene Inc Molecular Pharming Product and Solutions Table 73. ProdiGene Inc Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 74. ProdiGene Inc Recent Developments and Future Plans Table 75. Protalix Biotherapeutics, Inc Company Information, Head Office, and Major Competitors Table 76. Protalix Biotherapeutics, Inc Major Business Table 77. Protalix Biotherapeutics, Inc Molecular Pharming Product and Solutions Table 78. Protalix Biotherapeutics, Inc Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 79. Protalix Biotherapeutics, Inc Recent Developments and Future Plans Table 80. Tiamat Sciences Company Information, Head Office, and Major Competitors Table 81. Tiamat Sciences Major Business Table 82. Tiamat Sciences Molecular Pharming Product and Solutions Table 83. Tiamat Sciences Molecular Pharming Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 84. Tiamat Sciences Recent Developments and Future Plans Table 85. Global Molecular Pharming Revenue (USD Million) by Players (2018-2023) Table 86. Global Molecular Pharming Revenue Share by Players (2018-2023)



Table 87. Breakdown of Molecular Pharming by Company Type (Tier 1, Tier 2, and Tier 3)

Table 88. Market Position of Players in Molecular Pharming, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2022

Table 89. Head Office of Key Molecular Pharming Players

 Table 90. Molecular Pharming Market: Company Product Type Footprint

Table 91. Molecular Pharming Market: Company Product Application Footprint

Table 92. Molecular Pharming New Market Entrants and Barriers to Market Entry

Table 93. Molecular Pharming Mergers, Acquisition, Agreements, and Collaborations

Table 94. Global Molecular Pharming Consumption Value (USD Million) by Type (2018-2023)

Table 95. Global Molecular Pharming Consumption Value Share by Type (2018-2023) Table 96. Global Molecular Pharming Consumption Value Forecast by Type (2024-2029)

Table 97. Global Molecular Pharming Consumption Value by Application (2018-2023) Table 98. Global Molecular Pharming Consumption Value Forecast by Application (2024-2029)

Table 99. North America Molecular Pharming Consumption Value by Type (2018-2023)& (USD Million)

Table 100. North America Molecular Pharming Consumption Value by Type (2024-2029) & (USD Million)

Table 101. North America Molecular Pharming Consumption Value by Application (2018-2023) & (USD Million)

Table 102. North America Molecular Pharming Consumption Value by Application (2024-2029) & (USD Million)

Table 103. North America Molecular Pharming Consumption Value by Country (2018-2023) & (USD Million)

Table 104. North America Molecular Pharming Consumption Value by Country (2024-2029) & (USD Million)

Table 105. Europe Molecular Pharming Consumption Value by Type (2018-2023) & (USD Million)

Table 106. Europe Molecular Pharming Consumption Value by Type (2024-2029) & (USD Million)

Table 107. Europe Molecular Pharming Consumption Value by Application (2018-2023)& (USD Million)

Table 108. Europe Molecular Pharming Consumption Value by Application (2024-2029) & (USD Million)

Table 109. Europe Molecular Pharming Consumption Value by Country (2018-2023) & (USD Million)



Table 110. Europe Molecular Pharming Consumption Value by Country (2024-2029) & (USD Million)

Table 111. Asia-Pacific Molecular Pharming Consumption Value by Type (2018-2023) & (USD Million)

Table 112. Asia-Pacific Molecular Pharming Consumption Value by Type (2024-2029) & (USD Million)

Table 113. Asia-Pacific Molecular Pharming Consumption Value by Application (2018-2023) & (USD Million)

Table 114. Asia-Pacific Molecular Pharming Consumption Value by Application (2024-2029) & (USD Million)

Table 115. Asia-Pacific Molecular Pharming Consumption Value by Region (2018-2023) & (USD Million)

Table 116. Asia-Pacific Molecular Pharming Consumption Value by Region (2024-2029) & (USD Million)

Table 117. South America Molecular Pharming Consumption Value by Type (2018-2023) & (USD Million)

Table 118. South America Molecular Pharming Consumption Value by Type (2024-2029) & (USD Million)

Table 119. South America Molecular Pharming Consumption Value by Application (2018-2023) & (USD Million)

Table 120. South America Molecular Pharming Consumption Value by Application (2024-2029) & (USD Million)

Table 121. South America Molecular Pharming Consumption Value by Country (2018-2023) & (USD Million)

Table 122. South America Molecular Pharming Consumption Value by Country (2024-2029) & (USD Million)

Table 123. Middle East & Africa Molecular Pharming Consumption Value by Type (2018-2023) & (USD Million)

Table 124. Middle East & Africa Molecular Pharming Consumption Value by Type (2024-2029) & (USD Million)

Table 125. Middle East & Africa Molecular Pharming Consumption Value by Application (2018-2023) & (USD Million)

Table 126. Middle East & Africa Molecular Pharming Consumption Value by Application (2024-2029) & (USD Million)

Table 127. Middle East & Africa Molecular Pharming Consumption Value by Country (2018-2023) & (USD Million)

Table 128. Middle East & Africa Molecular Pharming Consumption Value by Country (2024-2029) & (USD Million)

Table 129. Molecular Pharming Raw Material



Table 130. Key Suppliers of Molecular Pharming Raw Materials



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Molecular Pharming Picture
- Figure 2. Global Molecular Pharming Consumption Value by Type, (USD Million), 2018
- & 2022 & 2029
- Figure 3. Global Molecular Pharming Consumption Value Market Share by Type in 2022
- Figure 4. Gene Gun
- Figure 5. Agroinfiltration
- Figure 6. Electroporation
- Figure 7. Agrobacterium-Mediated Gene Transfer
- Figure 8. Global Molecular Pharming Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 9. Molecular Pharming Consumption Value Market Share by Application in 2022
- Figure 10. Recombinant Antibodies Picture
- Figure 11. Hormones, Vaccines Picture
- Figure 12. Industrial Enzymes Picture
- Figure 13. Proteins & Protein-Based Materials Picture
- Figure 14. Technical Reagents Picture
- Figure 15. Nutritional Products Picture
- Figure 16. Global Molecular Pharming Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Molecular Pharming Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Market Molecular Pharming Consumption Value (USD Million) Comparison by Region (2018 & 2022 & 2029)

Figure 19. Global Molecular Pharming Consumption Value Market Share by Region (2018-2029)

Figure 20. Global Molecular Pharming Consumption Value Market Share by Region in 2022

Figure 21. North America Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 24. South America Molecular Pharming Consumption Value (2018-2029) & (USD Million)



Figure 25. Middle East and Africa Molecular Pharming Consumption Value (2018-2029) & (USD Million) Figure 26. Global Molecular Pharming Revenue Share by Players in 2022 Figure 27. Molecular Pharming Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2022 Figure 28. Global Top 3 Players Molecular Pharming Market Share in 2022 Figure 29. Global Top 6 Players Molecular Pharming Market Share in 2022 Figure 30. Global Molecular Pharming Consumption Value Share by Type (2018-2023) Figure 31. Global Molecular Pharming Market Share Forecast by Type (2024-2029) Figure 32. Global Molecular Pharming Consumption Value Share by Application (2018-2023) Figure 33. Global Molecular Pharming Market Share Forecast by Application (2024-2029) Figure 34. North America Molecular Pharming Consumption Value Market Share by Type (2018-2029)

Figure 35. North America Molecular Pharming Consumption Value Market Share by Application (2018-2029)

Figure 36. North America Molecular Pharming Consumption Value Market Share by Country (2018-2029)

Figure 37. United States Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 38. Canada Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 39. Mexico Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 40. Europe Molecular Pharming Consumption Value Market Share by Type (2018-2029)

Figure 41. Europe Molecular Pharming Consumption Value Market Share by Application (2018-2029)

Figure 42. Europe Molecular Pharming Consumption Value Market Share by Country (2018-2029)

Figure 43. Germany Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 44. France Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 45. United Kingdom Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 46. Russia Molecular Pharming Consumption Value (2018-2029) & (USD Million) Figure 47. Italy Molecular Pharming Consumption Value (2018-2029) & (USD Million) Figure 48. Asia-Pacific Molecular Pharming Consumption Value Market Share by Type (2018-2029)



Figure 49. Asia-Pacific Molecular Pharming Consumption Value Market Share by Application (2018-2029)

Figure 50. Asia-Pacific Molecular Pharming Consumption Value Market Share by Region (2018-2029)

Figure 51. China Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 52. Japan Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 53. South Korea Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 54. India Molecular Pharming Consumption Value (2018-2029) & (USD Million) Figure 55. Southeast Asia Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 56. Australia Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 57. South America Molecular Pharming Consumption Value Market Share by Type (2018-2029)

Figure 58. South America Molecular Pharming Consumption Value Market Share by Application (2018-2029)

Figure 59. South America Molecular Pharming Consumption Value Market Share by Country (2018-2029)

Figure 60. Brazil Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 61. Argentina Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 62. Middle East and Africa Molecular Pharming Consumption Value Market Share by Type (2018-2029)

Figure 63. Middle East and Africa Molecular Pharming Consumption Value Market Share by Application (2018-2029)

Figure 64. Middle East and Africa Molecular Pharming Consumption Value Market Share by Country (2018-2029)

Figure 65. Turkey Molecular Pharming Consumption Value (2018-2029) & (USD Million) Figure 66. Saudi Arabia Molecular Pharming Consumption Value (2018-2029) & (USD Million)

Figure 67. UAE Molecular Pharming Consumption Value (2018-2029) & (USD Million)

- Figure 68. Molecular Pharming Market Drivers
- Figure 69. Molecular Pharming Market Restraints
- Figure 70. Molecular Pharming Market Trends
- Figure 71. Porters Five Forces Analysis
- Figure 72. Manufacturing Cost Structure Analysis of Molecular Pharming in 2022
- Figure 73. Manufacturing Process Analysis of Molecular Pharming
- Figure 74. Molecular Pharming Industrial Chain



Figure 75. Methodology Figure 76. Research Process and Data Source



#### I would like to order

Product name: Global Molecular Pharming Market 2023 by Company, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/GA972FD9C6C5EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GA972FD9C6C5EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Global Molecular Pharming Market 2023 by Company, Regions, Type and Application, Forecast to 2029