

# Global Artificial Intelligence (AI) in Biotechnology Supply, Demand and Key Producers, 2023-2029

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## **Abstracts**

The global Artificial Intelligence (AI) in Biotechnology market size is expected to reach \$ 8839.4 million by 2029, rising at a market growth of 20.5% CAGR during the forecast period (2023-2029).

Al in biotech is critical for boosting invention in labs and throughout a medicine's or chemical compound's lifecycle. Al-based tools and applications aid in the development of molecule structures per the target market. Machine learning, a subset of artificial intelligence, aids in estimating combinations and permutations of different compounds to determine the best combination without the need for manual experiments in the lab. Artificial intelligence's application in biotech brings about innovations that aid predictive modeling to forecast market demand for a specific drug or chemical. Al in Biotech can also assist in the smart distribution of raw materials needed by the biotech sector via cloud computing.

This report studies the global Artificial Intelligence (AI) in Biotechnology demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Artificial Intelligence (AI) in Biotechnology, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Artificial Intelligence (AI) in Biotechnology that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Artificial Intelligence (AI) in Biotechnology total market, 2018-2029, (USD Million)



Global Artificial Intelligence (AI) in Biotechnology total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Artificial Intelligence (AI) in Biotechnology total market, key domestic companies and share, (USD Million)

Global Artificial Intelligence (AI) in Biotechnology revenue by player and market share 2018-2023, (USD Million)

Global Artificial Intelligence (AI) in Biotechnology total market by Type, CAGR, 2018-2029, (USD Million)

Global Artificial Intelligence (AI) in Biotechnology total market by Application, CAGR, 2018-2029, (USD Million)

This reports profiles major players in the global Artificial Intelligence (AI) in Biotechnology market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AstraZeneca, Abbott Laboratories, Amgen, Inc., Atomwise, Biogen, Bristol-Myers Squibb, F. Hoffmann-La Roche Ltd., Gilead Sciences, Inc and Johnson & Johnson Services, Inc., etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Artificial Intelligence (AI) in Biotechnology market

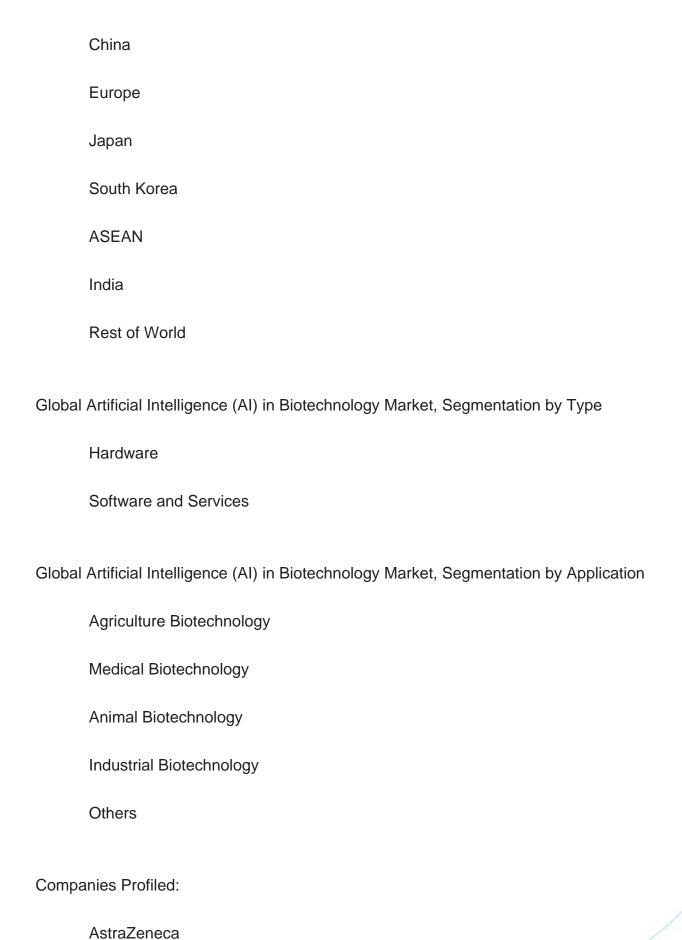
#### Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Artificial Intelligence (AI) in Biotechnology Market, By Region:

#### **United States**







Abbott Laboratories
Amgen, Inc.
Atomwise
Biogen
Bristol-Myers Squibb
F. Hoffmann-La Roche Ltd.
Gilead Sciences, Inc
Johnson & Johnson Services, Inc.
Pfizer, Inc.
Merck KGaA
Novo Nordisk A/S
Novartis AG
Sanofi
Key Questions Answered
1. How big is the global Artificial Intelligence (AI) in Biotechnology market?
2. What is the demand of the global Artificial Intelligence (AI) in Biotechnology market?
3. What is the year over year growth of the global Artificial Intelligence (AI) in

4. What is the total value of the global Artificial Intelligence (AI) in Biotechnology

Biotechnology market?

market?



- 5. Who are the major players in the global Artificial Intelligence (AI) in Biotechnology market?
- 6. What are the growth factors driving the market demand?



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