

# Global Biologics - Market and Technology Forecast to 2028

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## Abstracts

Biologics provide novel treatment options for several diseases and ailments that do not have a solution in any other alternative treatment. They are derived from extracts of living organisms like humans, animals, or microorganisms by using biotechnological techniques. Biologics provide safer solutions to the treatment of ailments that do not have any other clinical methodology for treatment, they meet unmet demands. Biologics provide cutting edge of technological innovation in the field of clinical studies and biomedical research.

They provide a range of diverse solutions for ailments and illnesses that do not have any other alternate treatment, this factor acts as a key driver for the biologics market. Therefore, the biologic drug market meets unmet demands which have a positive impact on the growth of this market. Although, the high cost and stringent government regulations with regards to the use of Biologics stunt its market growth. Moreover; challenges like patent cliff, a strict regulatory environment, and the emergence of alternative solutions impact the market growth negatively. There have also been cases where side-effects for these biological drugs are observed like gastrointestinal complications, change in blood pressure, chest pain, breathing problems, etc- these problems hamper the market growth of this sector since their scope for treatment becomes limited. This report accounts for the value chain analysis of this market.

The global market revenue for Biologics has a value of USD 256 Billion in 2020 and it is projected to reach USD 670.8 Billion by 2028 with a CAGR of 12.8 %. This report titled, "Global Biologics- Market and Technology Forecast to 2028", is segmented by Source, Drug Class, and Region.

North America is expected to dominate the global market and account to a CAGR of

12% owing to increased demand for the products used in the treatment of diseases. Moreover, U.S pharmaceutical companies comprise up to 80% of the world's R&D in healthcare Biotechnology. EU is expected to be the second-largest market with a growth of around 12% CAGR.

On the basis of source, it is seen that microbial expression acts as an intermediary product that is used in the production of a substantial number of drugs. Moreover, In-house manufacturing is seen to be a more popular choice amongst market competitors as compared to product outsourcing. Monoclonal antibodies have the largest market share of 39%. MABs govern this segment owing to the higher usage of drugs belonging to this category in different therapeutics. Due to the increased incidence of cancer, the oncology segment is the largest revenue generator in the disease segment, it constitutes up to 44% of the global market revenue.

Scope:

“The Global Biologics- Market and Technology Forecast to 2028” report focuses on key market trends between the forecast period from 2020 to 2028. The Biologics market in this report is segmented based on Source, Drug Class, and Region. The study period for this report is from 2018-2028

The report is aimed at:

A detailed analysis of the drivers, restraints, and challenges has been provided in this report along with its effect on the global market.

Upcoming technologies that can have an impact on this market's growth have been discussed.

The key players of this field and the strategies exercised by them have been studied thoroughly in this report.

Porter's Five Forces and PESTLE Analysis has been used to provide a strategic outlook of the market

The opportunities within this market for expired patents and upcoming R&D have been discussed in this report.

Segmentation covered in this Report:

The market is segmented based on Source, Drug Class, and Region.

By Source:

Microbial

Mammalian

Others

By Region

North America

Europe

Asia Pacific

Middle East

RoW

By Distribution Channel

Hospital Pharmacies

Retail Pharmacies

Online Pharmacies

By Drug Class:

Monoclonal Antibodies

MABs by application

Diagnostic

Biochemical Analysis

Diagnostic Imaging

Therapeutic

Direct MAB Agents

Targeting MAB Agents

Protein  
Purification

Others

MABs by type

Murine

Chimeric

Humanized

Human

Others

Vaccines

Recombinant insulin

Human growth hormone

Blood factor

Fusion protein

Erythropoietin

Recombinant Enzyme

Interferon

Colony Stimulating Factor

Cell Therapy

Gene Therapy

Oligonucleotides

Others

By Disease

Oncology

By Product

MABs

Vaccines

Recombinant Proteins

Antisense, RNAi, & Molecular Therapy

Others (Certain products under trials related to blood products etc)

Infectious Diseases

By Product

Vaccines

MABs

Antisense, RNAi, & Molecular Therapy

Recombinant Proteins

Others

Immunological Disorders

Cardiovascular Disorders

Hematological Disorders

Others

### Country Level Analysis

United States

Canada

France

Germany

Spain

Portugal

Denmark

Netherlands

Sweden

Finland

United Kingdom

Switzerland

Italy

Japan

Israel

Turkey

Australia

China

Malaysia

Brazil

#### Reasons to buy this report:

Insights for the global market based on market segmentation has been provided in this report which can be beneficial to industry professional looking forward to entering this market.

The drivers, restraints, and challenges along with their impact on the global market revenue have been mentioned in this report which can be used by new players to study this market.

Both near term, as well as long term objectives, can be derived from this report since it extends up to a forecast period of 2028

The new opportunities that this market provides can be explored by existing players with the help of this report.

A complete analysis of the strategies employed by the key players of this market has been provided which can be of use to both new as well as existing players.

The sales team could make use of this report to increase product sales by understanding the market demographics thoroughly with the help of this report.

Who is this report aimed for:

**Biologics Manufacturers:** Can use this report to understand the global demand for this product and strategize manufacturing accordingly.

**Biologics Therapeutic Markets:** Can use this report to understand the utilization of biologics in varied medical diagnostics globally.

**Financial Institutions:** Can use this report to study the current market and evaluate investment as well as R&D funding strategies.

**Governments, Associations, and Industrial Bodies:** Could make use of this report to understand the opportunities that this market provides.

**Sales Teams:** They can use this report to understand the drivers of the market.



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