

# **ASEAN and China Biosimilars Market by Molecule Type (Human Growth Hormone, Erythropoietin, Monoclonal Antibody, Insulin, Interferon, Granulocyte-Colony Stimulating Factor, and Peptide), and Application (Blood Disorder, Oncology Disease, Chronic & Autoimmune Disease, Growth Hormone Deficiency, and Others): Opportunity Analysis and Industry Forecast, 2017 - 2025**

<https://marketpublishers.com/r/A9660C8BF06EN.html>

Date: November 2018

Pages: 130

Price: US\$ 3,200.00 (Single User License)

ID: A9660C8BF06EN

## **Abstracts**

### **ASEAN and China Biosimilars Market Overview:**

The ASEAN and China biosimilars market was valued at \$687.6 million in 2017 and is expected to reach \$5,506.2 million by 2025 with a CAGR of 29.7% during the forecast period. Biosimilars or follow-on-biologics are the “copied” version of reference biologics, which are protected by intellectual rights that are anticipated to expire in future. The development and validation of biosimilars with reference biologics is a crucial part of the overall process. The key driving factor for biosimilars is their implied ability of providing more cost-effective treatment than branded biologics.

Key players operating in the pharmaceuticals industry are largely investing in the development of biosimilars that can be applied for the treatment of several chronic medical conditions. Biosimilars have the potential to offer up to 30% cost reduction as compared to branded biologics. This is attributed to the compact validation pathways that reduce the additional cost of clinical trials, which further assist manufacturers to achieve scale economies. The key contributing factor to the growth in demand for biosimilars across the ASEAN and Chinese market is the patent expiration of most of

the blockbuster drugs in the past few years. However, the biosimilars industry is witnessing issues pertaining to achieving product efficiency while maintaining the required production capacity. This plays a pivotal role in the biosimilars industry considering the large population of ASEAN countries along with China. Progress in improving the product efficiency and quantity is expected to open new avenues for the expansion of the biosimilars market across ASEAN and China.

The ASEAN and China biosimilars market is segmented into molecule type, application, and region. Based on molecule type, the market is divided into human growth hormone, erythropoietin, monoclonal antibodies, insulin, interferon, granulocyte-colony stimulating factor, and peptide. Based on application, the market is classified into blood disorders, oncology diseases, chronic and autoimmune diseases, growth hormone deficiency, and others. Further, the chronic and autoimmune diseases segment is sub-categorized into diabetes, rheumatoid arthritis (RA), glaucoma, and others. Based on region, the market is analyzed across China and ASEAN region.

#### Key Benefits ASEAN and China Biosimilars Market:

The study provides an in-depth analysis of the ASEAN and China biosimilars market along with the current trends and future estimations to elucidate the imminent investment pockets.

A quantitative analysis from 2017 to 2025 is discussed to enable the stakeholders to capitalize on the prevailing market opportunities.

A qualitative analysis of the driving factors and opportunities help analyze the competitive scenario of the market.

Porter's five forces analysis is provided to interpret the bargaining power of the suppliers & buyers, threat of new entrants & substitutes, and competition among the key players.

#### ASEAN and China Biosimilars Key Market Segments:

##### By Molecule Type

##### Human Growth Hormone

Erythropoietin

Monoclonal Antibody

Insulin

Interferon

Granulocyte-Colony Stimulating Factor

Peptide

#### By Application

Blood Disorders

Oncology Diseases

Chronic and Autoimmune Diseases

Rheumatoid Arthritis (RA)

Diabetes

Glaucoma

Others

Growth Hormone Deficiency

Others

#### By Region

China

ASEAN Region

Singapore

Malaysia

Thailand

Indonesia

Philippines

Vietnam

Rest of ASEAN Countries

### Key Market Players

3SBIO Inc.

Qilu Pharmaceutical

Novartis International AG (Sandoz International GmbH)

Pfizer Inc. (Hospira)

STADA Arzneimittel

Beijing SL Pharmaceutical Co., Ltd.

Fosun Pharmaceutical (Shanghai Fosun Pharmaceutical Co., Ltd.)

Amgen Inc.

AstraZeneca Plc

Teva Pharmaceutical Industries Ltd.

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