

## **Biosimilars (2009 - 2014)**

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### **Abstracts**

The impending expiry of several patented blockbuster biopharmaceuticals and the increasing demand from patients, insurers, and government agencies to reduce drug costs have created numerous opportunities in the global biosimilars market. The global biosimilars market is expected to be worth US\$19.4 billion by 2014, growing at a CAGR of 89.1% from 2009 to 2014. The biosimilars market is segmented into peptides, recombinant glycosylated proteins, recombinant non-glycosylated proteins, and others.

The main factors driving the demand in the biosimilars market include increasing user acceptance, low costs and large application area, increasing governmental initiatives, and the emerging Indian and Chinese economies. The major challenges for the biosimilars market are the risks involved with the high investment and the possible failure of the drug during development stages. However, opportunities for biosimilarss market is immense, as biologics worth US\$25 billion are going to be off-patent by 2016; and an anticipated approval pathway in U.S. will open up potentially largest market.

Asia's early commercialization and high absorption rate of biosimilars products made it the dominant market in 2008 with 34.1% share of the global biosimilars market. The American market is expected to dominate in 2014 after the U.S. market opens up in 2010. Currently, the global biosimilars market is highly fragmented with major players such as Biocon, Dr. Reddy's Lab, Intas, LG LifeSciences, Ranbaxy, Reliance LifeSciences, Sandoz, Teva, and Wockhardt. Favorable regulatory developments in the biosimilars sector are expected to increase the market shares and profit margins while reducing medical expenditure.

### **Scope of the Report**

This report aims to identify and analyze biosimilars market on the basis of products, services, technology, and applications.

- **Biosimilars product market**

Peptides, recombinant glycosylated proteins, recombinant non-glycosylated proteins, and others

- **Biosimilars service market**

Contract research and manufacturing services, clinical trials services

- **Biosimilars applications market**

Oncology, infectious diseases, chronic and autoimmune diseases, and other diseases

- **Biosimilars technology market**

Recombinant DNA technology, monoclonal antibodies technologies, protein sequencing, bioassay, chromatography, nuclear magnetic resonance, and mass spectrometry

Each section will provide market data, market drivers, trends and opportunities, top-selling products, key players, and competitive outlook. This report will also provide more than 60 market tables for various geographic regions covering the sub-segments and micro-markets. In addition, the report also provides 40 company profiles for each of its sub-segments.

### **What makes our reports unique?**

- We provide the longest market segmentation chain in this industry- not many reports provide market breakdown upto level 5.
- Each report is about 250 pages with 100+ market data tables, 40 competitive company profiles, analysis of 300 patents and a minimum of 50 micro markets, which are collectively exhaustive and mutually exclusive.
- No single report by any other publisher provides market data for all the segments viz products, services, applications, ingredients, technology, and stakeholders in a single report for all the four geographies - US, Europe, APAC, ROW (Rest of the World).
- We provide 10% customization. Normally it is seen that clients do not find specific market intelligence that they are looking for. Our customization will ensure that you necessarily get the market intelligence you are looking for and we get a loyal customer.

- 15 pages of high level analysis including benchmarking strategies, best practices and the market's cash cows (BCG matrix). We conduct detailed market positioning, product positioning and competitive positioning. Entry strategies, gaps and opportunities are identified for all the stakeholders.
- Comprehensive market analysis for the following sectors: Pharmaceuticals, medical devices, biotechnology, semiconductor and electronics, energy and power supplies, food and beverages, chemicals, advanced materials, industrial automation, and telecom and it. we also analyze retailers and super-retailers, technology providers, and research and development (R&D) companies.

#### Key questions answered

- Which are the high-growth segments/cash cows and how is the market segmented in terms of applications, products, services, ingredients, technologies, and stakeholders?
- What are market estimates and forecasts; which markets are doing well and which are not?
- Where are the gaps and opportunities; what is driving the market?
- Which are the key playing fields? Which are the winning edge imperatives?
- How is the competitive outlook; who are the main players in each of the segments; what are the key selling products; what are their strategic directives, operational strengths and product pipelines? Who is doing what?

#### **Powerful Research and analysis**

The analysts working with MarketsandMarkets come from renowned publishers and market research firms, globally, adding their expertise and domain understanding. We get the facts from over 22,000 news and information sources, a huge database of key industry participants and draw on our relationships with more than 900 market research companies across the world. We, at MarketsandMarkets, are inspired to help our clients grow by providing qualitative business insights with our huge market intelligence repository.

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### LIST OF ACRONYMS AND ABBREVIATIONS

ADR – Adverse Drug Reactions

AIDS – Acquired Immunodeficiency Syndrome

ALL – Acute Lymphoblastic Leukemia

AML – Acute Myelogenous Leukemia

ANDA – Abbreviated New Drug Applications

API – Active Pharmaceutical Ingredients

CAGR – Compound Annual Growth Rate  
CBC – Complete Blood Count  
CF – Cystic Fibrosis  
CHF – Congestive Heart Failure  
CHMP – Committee for Medicinal Products for Human Use  
CLL – Chronic Lymphocytic Leukemia  
CML – Chronic Myelogenous Leukemia  
CRAMS – Contract Research And Manufacturing Services  
CZE – Capillary Zone Electrophoresis  
DI – Diabetes Insipidus  
DNA – Deoxyribo Nucleic Acid  
EBA – Expanded Bed Absorption  
ELISPOT – Enzyme-linked Immunosorbent Spot  
EMA – European Medicines Evaluation Agency  
ENF – Enfuvirtide  
EPO – Erythropoietin  
ERT – Estrogen Replacement Therapy  
EU – European Union  
FDA – Food and Drugs Administration  
GC – Gas Chromatography  
GH – Growth Hormone  
GHD – Growth Hormone Deficiency  
GP – Glycoprotein  
HAMA – Human Anti-Mouse Antibody  
HCV – Hepatitis C Virus  
HD – Hansen's Disease  
hGH – Human Growth Hormone  
HIT – Heparin Induced Thrombocytopenia  
HIV – Human Immunodeficiency Virus  
HPV – Human Papillomavirus  
IF – Interferon  
IL – Interleukin  
IND – Investigational New Drug  
IUGR – Intrauterine Growth Retardation  
KBA – Kansas Bioscience Authority  
LC – Liquid Chromatography  
LHRH – Luteinizing and Releasing Hormone  
LMWH – Low Molecular weight Heparin  
MAB – Monoclonal Antibodies

MMF – Mycophenolate Mofetil  
MS – Multiple Sclerosis  
NDS – New Drug Submission  
NE – Nocturnal Enuresis  
NHL – Non-Hodgkin's lymphoma  
NMR – Nuclear Magnetic Resonance  
NTG – Nitroglycerine  
PCI – Percutaneous Coronary Intervention  
PE – Pulmonary Embolism  
PTCA – Percutaneous Transluminal Coronary Angioplasty  
R&D – Research and Development  
RA – Rheumatoid Arthritis  
RCC – Renal Cell Carcinoma  
RFLP – Restriction Fragment Length Polymorphism  
RHDNASE – Recombinant Human DNase  
RMS – Relapsing Multiple Sclerosis  
SBIR – Small Business Innovation Research  
SEB – Subsequent Entry Biologics  
SLE – Systemic Lupus Erythematosus  
THST – Thyroid Hormone Suppression Therapy  
tPA – Tissue Plasminogen Activator  
TSQ – Triple Stage Quad  
WHO – World Health Organization

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