

Epigenetics - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Epigenetics Market is accounted for \$752.8 million in 2016 and expected to grow at a CAGR of 14.0% to reach \$1891.9 million by 2023. Growing prevalence of cancer and other chronic diseases are helping the market to compete across the globe. Some of the major factors that are influencing the market include growing technological advancements, rising R&D expenditure, growing usage for non-oncology diseases, improving collaborations between pharmaceutical, biotechnology companies & academic research institutes and increasing geriatric population base. However, huge equipment cost, lack of predictive markers, inefficiency in identification and validation of biomarkers, presence of complicated regulatory framework and shortage of skilled professional are hampering the market growth.

Based on Technology, DNA methylation can be classified as hyper and hypomethylation. Reduced representation bisulfite sequencing (RRBS) is a DNA wide methylation analysis technique for a combination of enrichment and modifying techniques. DNA methylation is also used as a biomarker for early cancer diagnosis. The FDA-approved epigenetic drugs are demethylating agents, and most of the diagnostic activity to date in epigenetics has focused on methylation markers.

Based on End User, with in the pharmaceutical sector, the therapeutic applications of epigenetics have fascinated a large and growing number of pharmaceutical and biopharmaceutical companies. Over 40 companies that are now active. Venture capital-funded companies in epigenetics include Constellation Pharmaceuticals and Syndax Pharmaceuticals.

North America dominated the overall revenue, due to the, increasing funds for R&D, growing collaborations between large pharmaceutical firms and demand for epigenetic drugs and diagnostic technologies. However, Asia-Pacific is anticipated to grow rapidly, due to high incidence of cancer, large prevalence of target diseases and rise in

healthcare expenditure.

Some of the key players in Global Epigenetics market are Celgene Corporation, CellCentric Ltd, Chroma Therapeutics Ltd, Covaris Inc, DIAGENODE, INC., Ribimed Biotechnologies, Epigenomics AG, Epitherapeutics, Epizyme, Karus Therapeutics, Merck Millipore, Novartis International AG, Oncolys Biopharma Inc, OncoMethylome Sciences, Qiagen, Sigma-Aldrich Corporation, Syndax Pharmaceuticals and ZYMO RESEARCH CORPORATION (ZYMO).

Products Covered:

Enzymes

Reagents

Kits

Instruments and Consumables

Technologies Covered:

Histone Methylation

DNA Methylation

Histone Acetylation

Large noncoding RNA

Chromatin structures

MicroRNA Modification

Other Technologies

Applications Covered:

Cardiovascular Diseases

Developmental Biology

Immunology

Metabolic Diseases

Inflammatory Disease

Oncology

Other Applications

End Users Covered:

Pharmaceutical

Contract Research Organizations

Academic and Research Institutes

Biotechnology Companies

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Note: North America, Europe, Asia Pacific, South America and Middle East are represented in above manner.

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