

Epigenetics Market Trends 2011

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Abstracts

This is the latest and most up-to-date Market Report from Select Biosciences addressing the expanding epigenetics marketplace. Epigenetics research efforts are growing around the world driven by the numerous documented associations of epigenetic modifications with diseases—especially various types of cancers.

This report presents the biological role of various epigenetic modifications in vivo and frames them in the context of specific biological events such as differentiation and disease.

This report also examines qualitative and in quantitative terms the research market landscape of epigenetics as it exists currently based on Select Biosciences bottom-up market research on this topic. Presented is market segmentation of epigenetics based on end-user research, based on technology utilization, and based on specific disease areas being studied. The primary market data are derived from a worldwide respondent pool that is highly-representative of the life science research community and therefore provides an excellent proxy for the understanding of the research trends operative in this space.

In addition to characterization of the epigenetics research marketplace, this report also presents an analysis of epigenetic biomarkers and their deployment as potential diagnostics. Also presented herein are the efforts vis-à-vis deployment of epigenetics as therapeutics—in this vein the clinical pipeline as it exists currently is presented.

This data-driven characterization of the epigenetics research landscape is a hands-on document that can be used for competitive benchmarking, business planning, and strategy development—all the data that have been collected in this industry analysis are presented and they form the basis for the conclusions drawn throughout the market report presented in a format enabling “drag-and-drop” into business

presentations/business plans.

Extensive Worldwide Technical and Market Analyses Presented in this Report:

Characterization of Epigenetics Modifications

DNA Methylation, the Various Histone Modifications and their Qualitative Effects
In Vivo

Epigenetic Silencing of Genes and Pathways: Mechanism and Effects

Tumor Suppressor Genes Silenced In Vivo

Specific Genes Modulated via Epigenetics In Various Diseases

Market Segmentation of Epigenetics by Disease Class

Epigenetics Market Segmentation

Epigenetics Market Segmentation by End-User Research Penetrance

Epigenetics Market Quantitative Segmentation by type of Modification Studied

Epigenetics Market Segmentation by Type of HDAC Studied

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Emerging Trends and Themes in Epigenetics

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Genes in the Epigenetics Marketplace

Epigenetics-based Diagnostics: Epigenetics-based Biomarkers and their Current
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Epigenetics-based Therapeutics: The current Clinical Pipeline of Approved and
In-Development Therapeutics

More details of the scope of coverage of this industry report are found in the Table of Contents (TOC) for the report—see below for link to downloadable PDF of the TOC

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