

Global miRNA Market Outlook to 2020

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Abstracts

miRNAs have risen as powerful regulators of different cellular processes with specifically important roles in disease and tissue remodelling. The miRNA is widely used in researches for identifying new application areas of its use. With respect to this, there are various clinical trials being organized throughout the world so as to evaluate the therapeutic potential of miRNA in curing various chronic diseases such as cancer, cardiovascular diseases, hepatic disorders, neurological disorders, and so forth. The report, Global miRNA Market Outlook to 2020, provides an overview of the current state of the miRNA market, focusing mainly on continuing research endeavors, emerging tools, reagents, techniques, diagnostics, and therapeutic products. Forecast projections are provided for the period, 2015 to 2020.

Brief information about the two major segmentation of miRNA market, i.e., tools and services, have been provided in the report. The former consists of different tools that are utilized to study miRNA including PCR arrays, labels, isolation kits, mimics, inhibitors, and markers. On the other hand, the latter includes various services such as purification, expression profiling, quantification, and analysis that are offered by miRNA players.

Based on diseases in which miRNA tools are used, the report provides insights about cancer, cardiovascular diseases, hepatic disorders, neurological disorders, and other diseases. The report provides the current as well as the forecasted market for miRNA use in each of diseases.

The report also segments the market based on the end users of these miRNA tools and services. The end users of the miRNA tools and services include research labs and institutes, biotechnology and biopharmaceutical industries, and hospitals and diagnostic centers. Detailed information regarding the current market size and the year-on-year forecasted markets is provided for each end user.

Based on geography, the miRNA market has been categorized into three segments: The Americas, Europe, and Asia Pacific. These regions have then been investigated for analyzing the current research and industrial applications of miRNAs. An in-depth analysis of the market recommends that cancer is the most researched subject out of neurodegenerative, cardiovascular, hepatic, and other chronic diseases. United States, France, Germany, United Kingdom, China, Israel, and Korea are the significant players interested in assessing the potential of miRNA.

The miRNA tools and services find major application in research area. Other major application areas of miRNA include diagnostics and drug development. The report provides the share of each application for 2014.

The major players in the miRNA market include Qiagen (Germany), Sigma-Aldrich Corporation (US), Thermo Fisher Scientific Inc. (US), Agilent Technologies Inc. (US), Affymetrix, (US), Integrated DNA Technologies (US), Exiqon (Denmark), Mirus Bio LLC (US), Wako Pure Chemical Industries (Japan), and Rosetta Genomics Ltd. (Israel). These players are working over a wide range of products including miRNA extraction and purification kits, and miRNA mimics and inhibitors, and are consistently redesigning & updating their portfolio to stay connected and updated with the most recent advancements in the field.

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