

Global Aptamers Market - Forecasts from 2018 to 2023

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Abstracts

The global aptamers market is expected to grow at a CAGR of 19.90% during the forecast period of 2017-2023. Aptamers are single stranded DNA or RNA and have property to assume variety of shapes due to their ability to form loops and helices. The way aptamers fold, the order of the nucleic acids and the conditions of the matrix they are in, all contribute to binding a target. Owing to their extreme versatility they bind to the target that are highly selective and specific including proteins, peptides and carbohydrates. Aptamers are currently being used for the diagnosis of the various diseases and detection of the small molecules. Aptamers may be used as pharmaceutical lead selection reagents, and functional proteomic levels. The growth in the market may be attributed to the advantages of the aptamer over antibodies such as low cost and high efficiency, coupled with the diverse range of applications offered by the aptamers. Continuous advancement in technologies along with its quick implementation is expected to boost the market growth during the given period. However, lack of skilled professionals may hamper the market growth during the given period.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical region. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies

and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the global aptamers value chain. Last step involves complete market engineering which includes analysing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global aptamers market.

Major industry players profiled as part of the report are Aptagen, LLC, Novaptech and Base Pair Biotechnologies among others.

Segmentation

By Type

DNA based Aptamers

RNA based Aptamers

Peptide based Aptamers

By Application

Therapeutic

Diagnostics

Others

By End Users

Pharmaceutical Companies

Biotechnology Companies

Research Institutes

By Geography

North America

United States

Canada

Others

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Others

Middle East and Africa

Saudi Arabia

UAE

Israel

Others

Asia Pacific

China

India

Australia

South Korea

Others

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