

Ribose-Nucleic Acid (RNA)-Based Therapeutics Market Size, Share, Revenue, Trends, and Drivers For 2024-2033

*The Business Research Company's
Ribose-Nucleic Acid (RNA)-Based
Therapeutics Global Market Report 2024
– Market Size, Trends, And Global
Forecast 2024-2033*

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[/EINPresswire.com/](https://www.einpresswire.com/) -- The ribose-

nucleic acid (RNA)-based therapeutics market has experienced robust growth

in recent years, expanding from \$14.54 billion in 2023 to \$15.79 billion in 2024 at a compound annual growth rate (CAGR) of 8.6%. The growth in the historic period can be attributed to investment and funding growth, the discovery of RNA interference (RNAi), clinical successes of antisense oligonucleotides (ASOs), regulatory support and frameworks, and collaborations, and partnerships.



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What Is The Estimated Market Size Of The Global Ribose-Nucleic Acid (RNA)-Based Therapeutics Market And Its Annual Growth Rate?

The ribose-nucleic acid (RNA)-based therapeutics market is projected to continue its strong growth, reaching \$22.30 billion in 2028 at a compound annual growth rate (CAGR) of 9.0%. The growth in the forecast period can be attributed to the expansion of indications, rising market

demand and adoption, regulatory support, integration of AI and machine learning, and emerging applications in rare diseases.

Explore Comprehensive Insights Into The Global Ribose-Nucleic Acid (RNA)-Based Therapeutics Market With A Detailed Sample Report:

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Growth Driver Of The Ribose-Nucleic Acid (RNA)-Based Therapeutics Market

The increasing prevalence of cancer is expected to propel the growth of the ribose-nucleic acid (RNA)-based therapeutics market going forward. Cancer refers to a condition where abnormal cells grow and spread uncontrollably, potentially leading to death if untreated. The prevalence of cancer is due to an aging population, lifestyle changes, greater exposure to risks, and better detection methods. RNA-based therapeutics offer a promising avenue for cancer treatment by directly targeting the genetic and molecular mechanisms of cancer.

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<https://www.thebusinessresearchcompany.com/report/ribose-nucleic-acid-rna-based-therapeutics-global-market-report>

Who Are The Leading Competitors In The Ribose-Nucleic Acid (RNA)-Based Therapeutics Market Share?

Key players in the market include F. Hoffmann-La Roche AG, Eli Lilly and Company, Novo Nordisk A/S, Regeneron Pharmaceuticals, Biogen Inc., Houston Methodist Hospital, BioNTech, University of Oxford, Alnylam Pharmaceuticals, Sarepta Therapeutics, Flagship Pioneering, Ionis Pharmaceuticals, Akcea Therapeutics Inc, Arrowhead Pharmaceuticals, Dicerna Pharmaceuticals, Wave Life Sciences, Pharmaceutical Technology, Quark Pharmaceuticals, Tekmira Pharmaceuticals, ReCode Therapeutics, Arbutus Biopharma Corporation, Benitec Biopharma Inc., Olix Pharmaceuticals, Alltrna Inc., Orbital Therapeutics.

What Are The Dominant Trends In Ribose-Nucleic Acid (RNA)-Based Therapeutics Market Growth?

Major companies operating in the ribose nucleic acid (RNA)-based therapeutics market are focused on developing innovative medication solutions, such as messenger RNA (mRNA)-based booster vaccines, to enhance the effectiveness of immunization, address emerging viral variants, and improve the overall durability of vaccine-induced immunity. An mRNA-based booster vaccine uses messenger RNA to prompt cells to create a protein that enhances the body's immune response against a particular pathogen.

How Is The Global Ribose-Nucleic Acid (RNA)-Based Therapeutics Market Segmented?

- 1) By Type: RNA Interference (RNAi), RNA Antisense
- 2) By Technology: Enabling Technology, Enabled Technology
- 3) By Therapeutic Area: Oncology, Genetic Disorder, Ophthalmology, Hematological Disorders, Acute Hepatic Porphyria (AHP), Other Therapeutic Areas
- 4) By End User: Research Institutes, Hospitals And Clinics

Geographical Insights: North America Leading The Ribose-Nucleic Acid (RNA)-Based Therapeutics Market

North America was the largest region in the market in 2023. The regions covered in the report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

[Ribose-Nucleic Acid \(RNA\)-Based Therapeutics Market Definition](#)

The ribose-nucleic acid (RNA)-based therapeutics refer to a class of medical treatments that utilize ribose-nucleic acid (RNA) molecules to influence cellular processes, typically by targeting specific genetic sequences. These therapies are designed to treat various conditions, including genetic disorders, cancers, and infectious diseases, by modulating gene expression, protein production, or cellular signaling pathways.

Ribose-Nucleic Acid (RNA)-Based Therapeutics Global Market Report 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Macroeconomic factors affecting the market in the short and long run
- Analysis of the macro and micro economic factors that have affected the market in the past five years
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

An overview of the global ribose-nucleic acid (RNA)-based therapeutics market report covering trends, opportunities, strategies, and more

The Ribose-Nucleic Acid (RNA)-Based Therapeutics Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on ribose-nucleic acid (RNA)-based therapeutics market size, ribose-nucleic acid (RNA)-based therapeutics market drivers and trends, ribose-nucleic acid (RNA)-based therapeutics market major players and ribose-nucleic acid (RNA)-based therapeutics market growth across geographies. This report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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