

RNA Therapeutics Market Size, Trends, Analysis, and Outlook By Product (Vaccines, Drugs), By Type (mRNA Therapeutics, RNA Interference (RNAi) Therapeutics, Antisense Oligonucleotide (ASO) Therapeutics, Others), By Indication (Infectious Diseases, Rare Genetic Diseases/Hereditary Diseases, Others), By End-User (Hospitals and Clinics, Research Settings), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global RNA Therapeutics market size is poised to register 8.9% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global RNA Therapeutics market across By Product (Vaccines, Drugs), By Type (mRNA Therapeutics, RNA Interference (RNAi) Therapeutics, Antisense Oligonucleotide (ASO) Therapeutics, Others), By Indication (Infectious Diseases, Rare Genetic Diseases/Hereditary Diseases, Others), By End-User (Hospitals and Clinics, Research Settings)

In the RNA Therapeutics market, the growing understanding of RNA biology and the development of RNA-based technologies are driving innovation in RNA therapeutics for the treatment of various diseases, including cancer, genetic disorders, and infectious diseases. RNA therapeutics encompass a range of approaches, including small interfering RNA (siRNA), messenger RNA (mRNA), antisense oligonucleotides (ASOs), and RNA-based vaccines, aimed at modulating gene expression, correcting genetic defects, and stimulating immune responses. With the increasing demand for targeted and personalized therapies, there is a rising need for RNA therapeutics that offer

improved delivery, stability, and specificity. Further, advancements in RNA synthesis, delivery vehicles, and nucleic acid chemistry are driving market growth by enabling more potent and efficient RNA-based therapies. By 2030, the market is expected to witness substantial expansion as pharmaceutical companies invest in RNA therapeutics to address unmet medical needs and capitalize on the therapeutic potential of RNA molecules.

RNA Therapeutics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The RNA Therapeutics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of RNA Therapeutics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the RNA Therapeutics industry.

Key market trends defining the global RNA Therapeutics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

RNA Therapeutics Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The RNA Therapeutics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support RNA Therapeutics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the RNA Therapeutics industry

Leading RNA Therapeutics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging

demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 RNA Therapeutics companies.

RNA Therapeutics Market Study- Strategic Analysis Review

The RNA Therapeutics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

RNA Therapeutics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The RNA Therapeutics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

RNA Therapeutics Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America RNA Therapeutics Market Size Outlook- Companies plan for focused

investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various RNA Therapeutics market segments. Similarly, Strong market demand is encouraging Canadian RNA Therapeutics companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico RNA Therapeutics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe RNA Therapeutics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European RNA Therapeutics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European RNA Therapeutics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific RNA Therapeutics Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for RNA Therapeutics in Asia Pacific. In particular, China, India, and South East Asian RNA Therapeutics markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America RNA Therapeutics Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa RNA Therapeutics Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East RNA Therapeutics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for RNA Therapeutics.

RNA Therapeutics Market Company Profiles

The global RNA Therapeutics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Alnylam Pharmaceuticals Inc, Arbutus Biopharma Corp, Arcturus Therapeutics Holdings Inc, Arrowhead Pharmaceuticals Inc, Astellas Pharma Inc, BioNTech SE, CRISPR Therapeutics AG, CureVac N.V., Ionis Pharmaceuticals Inc, Moderna Inc, Novartis AG, Orna Therapeutics, Pfizer Inc, Sanofi SA, Sarepta Therapeutics Inc, Silence Therapeutics plc, Sirnaomics Inc.

Recent RNA Therapeutics Market Developments

The global RNA Therapeutics market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

RNA Therapeutics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Vaccines

Drugs

By Type

mRNA Therapeutics

RNA Interference (RNAi) Therapeutics

Antisense Oligonucleotide (ASO) Therapeutics

Others

By Indication

Infectious Diseases

Rare Genetic Diseases/Hereditary Diseases

Others

By End-User

Hospitals and Clinics

Research Settings

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Alnylam Pharmaceuticals Inc

Arbutus Biopharma Corp

Arcturus Therapeutics Holdings Inc

Arrowhead Pharmaceuticals Inc

Astellas Pharma Inc

BioNTech SE

CRISPR Therapeutics AG

CureVac N.V.

Ionis Pharmaceuticals Inc

Moderna Inc

Novartis AG

Orna Therapeutics

Pfizer Inc

Sanofi SA

Sarepta Therapeutics Inc

Silence Therapeutics plc

Sirnaomics Inc

Formats Available: Excel, PDF, and PPT

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Others
By Indication
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Arbutus Biopharma Corp

Arcturus Therapeutics Holdings Inc

Arrowhead Pharmaceuticals Inc

Astellas Pharma Inc

BioNTech SE

CRISPR Therapeutics AG

CureVac N.V.

Ionis Pharmaceuticals Inc

Moderna Inc

Novartis AG

Orna Therapeutics

Pfizer Inc

Sanofi SA

Sarepta Therapeutics Inc

Silence Therapeutics plc

Sirnaomics Inc.

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