

What are the key trends in the RNA Based Therapeutics Market report?

Global RNA based therapeutics market size generated \$4,938.38 million in 2021, and is projected to reach \$25,121.95 million by 2030, growing at a CAGR of 17.6%

PORTLAND, OREGON, UNITED STATES, July 19, 2022 /EINPresswire.com/ -- According to the report, the global [RNA based therapeutics industry](#) was estimated at \$4.93 billion in 2021, and is anticipated to hit \$25.12 billion by 2030, registering a CAGR of 17.6% from 2021 to 2030. The report provides an in-depth analysis of the top investment pockets, top winning strategies, drivers & opportunities, market size & estimations, competitive scenario, and wavering market trends.



Rise in initiatives from government for large-scale sequencing projects drives the growth of the global RNA based therapeutics market. On the other hand, hurdles in drug delivery, high cost of research, and threats of failure restrain the growth to some extent. However, early commercialization of pipeline therapeutics is expected to create lucrative opportunities in the industry.

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The increase in number of patients suffering from chronic diseases, further fuels the growth of the global RNA Based Therapeutics market.”

Sayali Shinde

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The RNA based therapeutics has been explored as a promising treatment option for the diseases which are difficult to treat. Development of this therapeutics is based on promising technologies such as RNA interference technology (RNAi), antisense technology. Moreover, Cancer diagnosis

and treatment is currently undergoing a shift with the incorporation of RNAi techniques in personalized medicine and molecular diagnostics, also for the diagnostic purposes, small interfering RNAs (siRNA) or microRNAs (miRNA) can be utilized.

Impact of COVID-19 on RNA Based Therapeutics Market-

There was a steep decline in the number of patients visiting clinics and hospitals for RNA based therapies, which, in turn, decreased the demand for RNA based therapeutic products, especially during the initial phase of the pandemic. This impacted the global RNA based therapeutic market negatively.

Also, mRNA vaccines could potentially offer long-term solutions all over the world for diseases ranging from influenza to AIDS, but owing to lockdown measures and temporary closure of research institutes and academic research, the demand for RNA based therapeutic solutions decreased significantly.

This trend is quite likely to continue till the pandemic is completely over.

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Key Findings of the Study

By type, the RNA antisense segment held the largest RNA based therapeutics market share in 2020 and RNA interference (RNAi) is expected to have fastest share during the forecast period.

By application, the genetic disorders segment held the largest market share in 2020 and is expected to remain dominant during the forecast period.

By end user, the research institute held the largest market share in 2020 and is expected to remain dominant during the forecast period.

By region, North America is expected to experience market growth at the highest rate, registering a CAGR of 17.5% during the forecast period.

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North America held the major share in 2020-

By region, the market across North America dominated in 2020, garnering more than two-fifths the global RNA based therapeutics market. High expenditure on R&D, presence of major players & their product availability, and well-established healthcare infrastructure in the region propel the market growth. Simultaneously, the Asia-Pacific region is also expected to cite the fastest

CAGR of 18.9% throughout the forecast period. This is attributed to improvements in R&D facilities, available disposable income, and rapidly developing economic conditions.

Key players in the industry-

Silence Therapeutics plc.
Arbutus Biopharma Corporation
Ionis Pharmaceuticals
Sarepta Therapeutics
Alnylam Pharmaceuticals, Inc.
Benitec Biopharma Inc.
Genzyme (Sanofi), Arrowhead Pharmaceuticals
Biogen, Inc.
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"We have also published few syndicated market studies in the similar area that might be of your interest. Below are the report title for your reference, considering Impact of Covid-19 Over This Market which will help you to assess aftereffects of pandemic on short-term and long-term growth trends of this market."

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Official Press Release: <https://www.alliedmarketresearch.com/press-release/RNA-therapeutics-market-is-expected-to-reach-1-billion-globally-by-2020.html>

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