

Global Oligonucleotide Therapy Market - 2025 -2033

<https://marketpublishers.com/r/G3E2A3316A42EN.html>

Date: October 2025

Pages: 180

Price: US\$ 4,350.00 (Single User License)

ID: G3E2A3316A42EN

Abstracts

Oligonucleotide Therapy Market Size & Industry Outlook

The global oligonucleotide therapy market size reached US\$ 8.80 Billion in 2024 from US\$ 7.51 Billion in 2023 and is expected to reach US\$ 40.16 Billion by 2033, growing at a CAGR of 18.6% during the forecast period 2025-2033. The market is being driven by the rising demand for precision medicine and targeted genetic treatments.

Advancements in antisense oligonucleotides (ASOs) and siRNA therapies have enabled effective treatment of rare genetic disorders, such as Spinraza for spinal muscular atrophy and Onpattro for hereditary transthyretin-mediated amyloidosis.

The increasing prevalence of neurodegenerative diseases, cancers, and cardiovascular disorders is pushing the adoption of these therapies. Additionally, ongoing R&D investments, favorable regulatory approvals, and the expansion of biopharmaceutical infrastructure in regions like North America and Asia-Pacific are accelerating market growth. Companies are also developing novel delivery systems and conjugates, such as antibody-oligonucleotide conjugates, to enhance efficacy and safety. This combination of unmet medical needs and technological innovation is positioning oligonucleotide therapies as a key component of the future of personalized medicine.

Key Market Highlights

North America dominates the oligonucleotide therapy market with the largest revenue share of 40.27% in 2024.

The Asia Pacific is the fastest-growing region and is expected to grow at the fastest CAGR of 17.8% over the forecast period.

Based on application, the neurodegenerative disorders segment led the market

with the largest revenue share of 40.21% in 2024.

The major market players in the oligonucleotide therapy market are Sarepta Therapeutics, Inc., Ionis Pharmaceuticals, Inc., Alnylam Pharmaceuticals, Inc., Wave Life Sciences, Novartis AG, Biogen, Regeneron Pharmaceuticals Inc., and Avidity Biosciences, among others

Market Dynamics

Drivers:The rising prevalence of genetic and rare diseases is significantly driving the oligonucleotide therapy market growth

The rising prevalence of genetic and rare diseases is a significant driver of the oligonucleotide therapy market's growth. Rare diseases collectively affect approximately 3.5% to 5.9% of the global population, equating to over 400 million individuals worldwide. Notably, around 80% of these rare diseases have a genetic origin, and nearly 95% lack approved treatments. This substantial unmet medical need has spurred the development of targeted therapies, including antisense oligonucleotides (ASOs) and small interfering RNAs (siRNAs), which can precisely modulate gene expression to treat these conditions.

For instance, Spinraza (nusinersen), an ASO, has been approved for spinal muscular atrophy, a rare genetic disorder. Similarly, Onpattro (patisiran), an siRNA therapy, addresses hereditary transthyretin-mediated amyloidosis, another rare genetic disease. These therapies exemplify the potential of oligonucleotide-based treatments to address previously untreatable conditions.

Restraints:Competition from alternative therapies is hampering the growth of the market

Competition from alternative therapies is a notable restraint on the growth of the oligonucleotide therapy market. Gene-editing technologies like CRISPR/Cas9 and TALENs offer the potential for permanent correction of genetic defects, which can be more attractive than oligonucleotide therapies that often require repeated administration. Similarly, monoclonal antibodies and small-molecule drugs are well-established, widely available, and often less expensive options for conditions such as cancers and autoimmune disorders, creating significant competition.

For instance, in oncology, monoclonal antibodies like Keytruda and small-molecule

kinase inhibitors such as Imatinib are preferred for certain cancer types, limiting the adoption of oligonucleotide therapies. In rare genetic disorders, CRISPR-based therapies in clinical trials for sickle cell disease and beta-thalassemia promise potentially curative outcomes, whereas therapies like Spinraza require ongoing dosing.

Oligonucleotide Therapy Market, Segment Analysis

The global oligonucleotide therapy market is segmented based on type, application, end-user, and region.

Application: The neurodegenerative disorders segment is dominating the oligonucleotide therapy market with a 40.21% share in 2024

The neurodegenerative disorders segment is currently the dominant force in the oligonucleotide therapy market, primarily due to the high unmet medical need, aging populations, and significant advancements in RNA-targeted therapeutics. This segment encompasses a variety of debilitating conditions, including spinal muscular atrophy (SMA), amyotrophic lateral sclerosis (ALS), Parkinson's disease, Huntington's disease, and Alzheimer's disease, all characterized by progressive neuronal degeneration and limited treatment options. Several approved therapies exemplify the transformative potential of oligonucleotides in this field.

For instance, Spinraza (nusinersen), approved in 2016, was the first FDA-approved therapy for SMA, functioning by modifying SMN2 gene splicing to produce functional SMN protein critical for motor neuron survival. Qalsody (tofersen), approved in April 2023, addresses ALS patients with SOD1 gene mutations by reducing the production of the toxic SOD1 protein, directly targeting the genetic cause of the disease. In December 2023, eplontersen (Wainua) received approval for hereditary transthyretin-mediated amyloidosis, an antisense oligonucleotide that reduces TTR protein accumulation in tissues. Additionally, Brineura (cerliponase alfa), approved in 2017, provides enzyme replacement for CLN2, a form of Batten disease, slowing progression in pediatric patients.

In April 2025, Biogen Inc. announced that the U.S. Food and Drug Administration (FDA) granted Fast Track designation to BIIB080, an investigational antisense oligonucleotide (ASO) therapy targeting tau, for the treatment of Alzheimer's disease. Fast Track designation is intended to facilitate the development and expedite the review of investigational drugs that treat serious conditions and address unmet medical needs. These reflect regulatory encouragement for innovative RNA-targeted therapies.

The oncology segment is the fastest-growing segment in the oligonucleotide therapy market, with a 27.01% share in 2024

The oncology segment is currently the fastest-growing segment in the oligonucleotide therapy market, fueled by the rising global prevalence of cancer, rapid advancements in RNA-targeted therapeutics, and increased regulatory support for innovative treatments. The growth in this segment is evident from the significant rise in FDA approvals for RNA-based therapeutics, including antisense oligonucleotides (ASOs), small interfering RNAs (siRNAs), and aptamers, which increased from 14 ASOs and 7 siRNAs in 2024 to 23 approved nucleic acid drugs by 2025.

A landmark approval in 2024 was Rytelo (imetelstat), an oligonucleotide telomerase inhibitor for myelodysplastic syndrome, demonstrating the clinical potential of oligonucleotides in hematologic cancers. Innovations in delivery technologies, such as antibody-oligonucleotide conjugates, have further enhanced specificity and efficacy, particularly in targeting solid tumors, overcoming previous limitations of RNA therapies.

Geographical Analysis

North America is expected to dominate the global oligonucleotide therapy market with a 40.27% in 2024

North America is the dominant region in the global oligonucleotide therapy market, driven by robust regulatory frameworks, substantial research and development investments, and a high concentration of leading pharmaceutical and biotech companies. Strong regulatory support, substantial financial backing, a concentration of innovative companies, advanced manufacturing infrastructure, and strategic collaborations collectively position North America as the leading region in the global oligonucleotide therapy market, enabling rapid adoption of therapies, expansion of clinical pipelines, and sustained market growth.

US Oligonucleotide Therapy Market Trends

The United States has been at the forefront of oligonucleotide-based drug approvals, with the FDA having approved 22 oligonucleotide therapies as of April 2025, providing strong regulatory support that facilitates the commercialization of innovative therapies. Notable approvals in recent years underscore this leadership, for instance, in August 2025, Ionis Pharmaceuticals, Inc. announced that the U.S. Food and Drug

Administration (FDA) approved DAWNZERA (donidalorsen) for prophylaxis to prevent attacks of hereditary angioedema (HAE) in adult and pediatric patients 12 years of age and older. DAWNZERA is the first and only RNA-targeted medicine approved for HAE, designed to target plasma prekallikrein (PKK).

Additionally, the region dominates the oligonucleotide contract development and manufacturing organization (CDMO) market, capturing a significant share in 2024, highlighting its capability in large-scale production and commercialization. Strategic partnerships and investments further reinforce this dominance; for instance, Avidity Biosciences, headquartered in San Diego, received FDA Breakthrough Therapy Designation for its lead program, delpacibart etedesiran, aimed at treating myotonic dystrophy type 1.

The Asia Pacific region is the fastest-growing region in the global oligonucleotide therapy market, with a CAGR of 17.9% in 2024

The Asia Pacific region is emerging as the fastest-growing market in the global oligonucleotide therapy sector, driven by substantial investments in biotechnology, expanding healthcare infrastructure, and increasing adoption of RNA-based therapeutics. The region's growth is further bolstered by the increasing number of clinical trials and approvals for oligonucleotide therapies targeting rare genetic disorders, oncology, and neurodegenerative diseases. In addition, Asia Pacific is strengthening its position in oligonucleotide synthesis and contract development and manufacturing organization (CDMO) services, which are critical for large-scale production and commercialization.

With increasing awareness of personalized medicine, the adoption of oligonucleotide therapies is gaining traction among healthcare providers and patients, particularly in urban centers with advanced healthcare infrastructure. The combined effect of government incentives, strong manufacturing capabilities, and rising prevalence of target diseases is driving the Asia Pacific to become the fastest-growing region, making it a key focus area for global pharmaceutical companies seeking to expand their oligonucleotide therapy pipelines.

Europe Oligonucleotide Therapy Market Trends

Europe is experiencing significant growth in the oligonucleotide therapy market, driven by several key factors. The European Medicines Agency (EMA) has approved multiple oligonucleotide-based therapies, such as Qalsody (tofersen) for ALS and Spinraza

(nusinersen) for spinal muscular atrophy, highlighting the region's commitment to advancing RNA-based treatments.

Additionally, the European Union's investment in synthetic biology and genomics is fostering an environment conducive to the development of personalized medicine. Collaborations between academic institutions and biotech companies are accelerating the discovery and commercialization of novel oligonucleotide therapies. Countries like Germany are leading this growth, supported by a robust healthcare infrastructure and a strong emphasis on research and development. These developments position Europe as a pivotal player in the global oligonucleotide therapy landscape.

Competitive Landscape

Top companies in the oligonucleotide therapy market include Sarepta Therapeutics, Inc., Ionis Pharmaceuticals, Inc., Alnylam Pharmaceuticals, Inc., Wave Life Sciences, Novartis AG, Biogen, Regeneron Pharmaceuticals Inc., and Avidity Biosciences, among others.

The global oligonucleotide therapy market report delivers a detailed analysis with 56 key tables, more than 56 visually impactful figures, and 159 pages of expert insights, providing a complete view of the market landscape.

Contents

1. MARKET INTRODUCTION AND SCOPE

- 1.1. Objectives of the Report
- 1.2. Report Coverage & Definitions
- 1.3. Report Scope

2. EXECUTIVE INSIGHTS AND KEY TAKEAWAYS

- 2.1. Market Highlights and Strategic Takeaways
- 2.2. Key Trends and Future Projections
- 2.3. Snippet by Type
- 2.4. Snippet by Application
- 2.5. Snippet by End User
- 2.6. Snippet by Region

3. DYNAMICS

- 3.1. Impacting Factors
 - 3.1.1. Drivers
 - 3.1.1.1. Rising Prevalence of Genetic and Rare Diseases
 - 3.1.1.2. Advancements in Precision and Personalized Medicine
 - 3.1.2. Restraints
 - 3.1.2.1. Competition from Alternative Therapies
 - 3.1.2.2. Off-Target Effects and Safety Concerns
 - 3.1.3. Opportunity
 - 3.1.3.1. Expansion into Rare and Underserved Disease Markets
 - 3.1.3.2. Emerging Markets and Increasing Healthcare Investments
 - 3.1.4. Impact Analysis

4. STRATEGIC INSIGHTS AND INDUSTRY OUTLOOK

- 4.1. Market Leaders and Pioneers
 - 4.1.1. Emerging Pioneers and Prominent Players
 - 4.1.2. Established Leaders with the Largest Marketing Brand
 - 4.1.3. Market Leaders with Established Products
- 4.2. Latest Developments and Breakthroughs
- 4.3. Regulatory and Reimbursement Landscape

- 4.3.1. North America
- 4.3.2. Europe
- 4.3.3. Asia Pacific
- 4.3.4. South America
- 4.3.5. Middle East & Africa
- 4.4. Porter's Five Forces Analysis
- 4.5. Patent Analysis
- 4.6. Unmet Needs and Gaps
- 4.7. Recommended Strategies for Market Entry and Expansion
- 4.8. Pricing Analysis and Price Dynamics

5. OLIGONUCLEOTIDE THERAPY MARKET, BY TYPE

- 5.1. Introduction
 - 5.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type
 - 5.1.2. Market Attractiveness Index, By Type
- 5.2. Antisense Oligonucleotides *
 - 5.2.1. Introduction
 - 5.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 5.3. Small Interfering RNA (siRNA)
- 5.4. MicroRNA (miRNA)
- 5.5. Aptamers
- 5.6. Ribozymes
- 5.7. Others

6. OLIGONUCLEOTIDE THERAPY MARKET, BY APPLICATION

- 6.1. Introduction
 - 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
 - 6.1.2. Market Attractiveness Index, By Application
- 6.2. Neurodegenerative Disorders*
 - 6.2.1. Introduction
 - 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 6.3. Oncology
- 6.4. Infectious Diseases
- 6.5. Cardiovascular Diseases
- 6.6. Kidney Diseases
- 6.7. Others

7. OLIGONUCLEOTIDE THERAPY MARKET, BY END-USER

7.1. Introduction

7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

7.1.2. Market Attractiveness Index, By End-User

7.2. Hospitals*

7.2.1. Introduction

7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)

7.3. Academic and Research Institutes

7.4. Others

8. OLIGONUCLEOTIDE THERAPY MARKET, BY REGIONAL MARKET ANALYSIS AND GROWTH OPPORTUNITIES

8.1. Introduction

8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

8.1.2. Market Attractiveness Index, By Region

8.2. North America

8.2.1. Introduction

8.2.2. Key Region-Specific Dynamics

8.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

8.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

8.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

8.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

8.2.6.1. U.S.

8.2.6.2. Canada

8.2.6.3. Mexico

8.3. Europe

8.3.1. Introduction

8.3.2. Key Region-Specific Dynamics

8.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

8.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

8.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

8.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

8.3.6.1. Germany

8.3.6.2. UK

8.3.6.3. France

8.3.6.4. Spain

8.3.6.5. Italy

8.3.6.6. Rest of Europe

8.4. Asia-Pacific

8.4.1. Introduction

8.4.2. Key Region-Specific Dynamics

8.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

8.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

8.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

8.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

8.4.6.1. China

8.4.6.2. India

8.4.6.3. Japan

8.4.6.4. South Korea

8.4.6.5. Rest of Asia-Pacific

8.5. South America

8.5.1. Introduction

8.5.2. Key Region-Specific Dynamics

8.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

8.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

8.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

8.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

8.5.6.1. Brazil

8.5.6.2. Argentina

8.5.6.3. Rest of South America

8.6. Middle East and Africa

8.6.1. Introduction

8.6.2. Key Region-Specific Dynamics

8.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

8.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

8.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9. COMPETITIVE LANDSCAPE AND MARKET POSITIONING

9.1. Competitive Overview and Key Market Players

9.2. Market Share Analysis and Positioning Matrix

9.3. Strategic Partnerships, Mergers & Acquisitions

9.4. Key Developments in Product Portfolios and Innovations

9.5. Company Benchmarking

10. COMPANY PROFILES

- 10.1. Sarepta Therapeutics, Inc.*
 - 10.1.1. Company Overview
 - 10.1.2. Product Portfolio
 - 10.1.2.1. Product Description
 - 10.1.2.2. Product Key Performance Indicators (KPIs)
 - 10.1.3. Financial Overview
 - 10.1.3.1. Company Revenue
 - 10.1.3.2. Geographical Revenue Shares
 - 10.1.3.3. Revenue Forecasts
 - 10.1.4. Key Developments
 - 10.1.4.1. Mergers & Acquisitions
 - 10.1.4.2. Key Product Development Activities
 - 10.1.4.3. Regulatory Approvals, etc.
 - 10.1.4.4. SWOT Analysis
- 10.2. Ionis Pharmaceuticals, Inc.
- 10.3. Alnylam Pharmaceuticals, Inc.
- 10.4. Wave Life Sciences
- 10.5. Novartis AG
- 10.6. Biogen
- 10.7. Regeneron Pharmaceuticals Inc.
- 10.8. Avidity Biosciences (LIST NOT EXHAUSTIVE)

11. ASSUMPTIONS AND RESEARCH METHODOLOGY

- 11.1. Data Collection Methods
- 11.2. Data Triangulation
- 11.3. Forecasting Techniques
- 11.4. Data Verification and Validation

12. APPENDIX

- 12.1. About Us and Services
- 12.2. Contact Us

List Of Tables

LIST OF TABLES

Table 1 Global Oligonucleotide Therapy Market Value, By Type, 2025, 2029 & 2033 (US\$ Billion)

Table 2 Global Oligonucleotide Therapy Market Value, By Application, 2025, 2029 & 2033 (US\$ Billion)

Table 3 Global Oligonucleotide Therapy Market Value, By End-User, 2025, 2029 & 2033 (US\$ Billion)

Table 4 Global Oligonucleotide Therapy Market Value, By Region, 2025, 2029 & 2033 (US\$ Billion)

Table 5 Global Oligonucleotide Therapy Market Value, By Type, 2025, 2029 & 2033 (US\$ Billion)

Table 6 Global Oligonucleotide Therapy Market Value, By Type, 2022-2033 (US\$ Billion)

Table 7 Global Oligonucleotide Therapy Market Value, By Application, 2025, 2029 & 2033 (US\$ Billion)

Table 8 Global Oligonucleotide Therapy Market Value, By Application, 2022-2033 (US\$ Billion)

Table 9 Global Oligonucleotide Therapy Market Value, By End-User, 2025, 2029 & 2033 (US\$ Billion)

Table 10 Global Oligonucleotide Therapy Market Value, By End-User, 2022-2033 (US\$ Billion)

Table 11 Global Oligonucleotide Therapy Market Value, By Region, 2025, 2029 & 2033 (US\$ Billion)

Table 12 Global Oligonucleotide Therapy Market Value, By Region, 2022-2033 (US\$ Billion)

Table 13 North America Oligonucleotide Therapy Market Value, By Type, 2022-2033 (US\$ Billion)

Table 14 North America Oligonucleotide Therapy Market Value, By Application, 2022-2033 (US\$ Billion)

Table 15 North America Oligonucleotide Therapy Market Value, By End-User, 2022-2033 (US\$ Billion)

Table 16 North America Oligonucleotide Therapy Market Value, By Country, 2022-2033 (US\$ Billion)

Table 17 Europe Oligonucleotide Therapy Market Value, By Type, 2022-2033 (US\$ Billion)

Table 18 Europe Oligonucleotide Therapy Market Value, By Application, 2022-2033

(US\$ Billion)

Table 19 Europe Oligonucleotide Therapy Market Value, By End-User, 2022-2033 (US\$ Billion)

Table 20 Europe Oligonucleotide Therapy Market Value, By Country, 2022-2033 (US\$ Billion)

Table 21 Asia-Pacific Oligonucleotide Therapy Market Value, By Type, 2022-2033 (US\$ Billion)

Table 22 Asia-Pacific Oligonucleotide Therapy Market Value, By Application, 2022-2033 (US\$ Billion)

Table 23 Asia-Pacific Oligonucleotide Therapy Market Value, By End-User, 2022-2033 (US\$ Billion)

Table 24 Asia-Pacific Oligonucleotide Therapy Market Value, By Country, 2022-2033 (US\$ Billion)

Table 25 South America Oligonucleotide Therapy Market Value, By Type, 2022-2033 (US\$ Billion)

Table 26 South America Oligonucleotide Therapy Market Value, By Application, 2022-2033 (US\$ Billion)

Table 27 South America Oligonucleotide Therapy Market Value, By End-User, 2022-2033 (US\$ Billion)

Table 28 South America Oligonucleotide Therapy Market Value, By Country, 2022-2033 (US\$ Billion)

Table 29 Middle East and Africa Oligonucleotide Therapy Market Value, By Type, 2022-2033 (US\$ Billion)

Table 30 Middle East and Africa Oligonucleotide Therapy Market Value, By Application, 2022-2033 (US\$ Billion)

Table 31 Middle East and Africa Oligonucleotide Therapy Market Value, By End-User, 2022-2033 (US\$ Billion)

Table 32 Middle East and Africa Oligonucleotide Therapy Market Value, By Country, 2022-2033 (US\$ Billion)

Table 33 Sarepta Therapeutics, Inc.: Overview

Table 34 Sarepta Therapeutics, Inc.: Product Portfolio

Table 35 Sarepta Therapeutics, Inc.: Key Developments

Table 36 Ionis Pharmaceuticals, Inc.: Overview

Table 37 Ionis Pharmaceuticals, Inc.: Product Portfolio

Table 38 Ionis Pharmaceuticals, Inc.: Key Developments

Table 39 Alnylam Pharmaceuticals, Inc.: Overview

Table 40 Alnylam Pharmaceuticals, Inc.: Product Portfolio

Table 41 Alnylam Pharmaceuticals, Inc.: Key Developments

Table 42 Wave Life Sciences: Overview

Table 43 Wave Life Sciences: Product Portfolio
Table 44 Wave Life Sciences: Key Developments
Table 45 Novartis AG: Overview
Table 46 Novartis AG: Product Portfolio
Table 47 Novartis AG: Key Developments
Table 48 Biogen: Overview
Table 49 Biogen: Product Portfolio
Table 50 Biogen: Key Developments
Table 51 Regeneron Pharmaceuticals Inc.: Overview
Table 52 Regeneron Pharmaceuticals Inc.: Product Portfolio
Table 53 Regeneron Pharmaceuticals Inc.: Key Developments
Table 54 Avidity Biosciences: Overview
Table 55 Avidity Biosciences: Product Portfolio
Table 56 Avidity Biosciences: Key Developments

List Of Figures

LIST OF FIGURES

Figure 1 Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 2 Global Oligonucleotide Therapy Market Share, By Type, 2024 & 2033 (%)

Figure 3 Global Oligonucleotide Therapy Market Share, By Application, 2024 & 2033 (%)

Figure 4 Global Oligonucleotide Therapy Market Share, By End-User, 2024 & 2033 (%)

Figure 5 Global Oligonucleotide Therapy Market Share, By Region, 2024 & 2033 (%)

Figure 6 Global Oligonucleotide Therapy Market Y-o-Y Growth, By Type, 2023-2033 (%)

Figure 7 Antisense Oligonucleotides Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 8 Small Interfering RNA (siRNA) Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 9 MicroRNA (miRNA) Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 10 Aptamers Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 11 Ribozymes Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 12 Others Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 13 Global Oligonucleotide Therapy Market Y-o-Y Growth, By Application, 2023-2033 (%)

Figure 14 Oncology Application in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 15 Neurodegenerative Disorders Application in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 16 Infectious Diseases Application in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 17 Cardiovascular Diseases Application in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 18 Kidney Diseases Application in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 19 Others Application in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 20 Global Oligonucleotide Therapy Market Y-o-Y Growth, By End-User, 2023-2033 (%)

Figure 21 Hospitals End-User in Global Oligonucleotide Therapy Market Value,

2022-2033 (US\$ Billion)

Figure 22 Academic and Research Institutes End-User in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 23 Others End-User in Global Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 24 Global Oligonucleotide Therapy Market Y-o-Y Growth, By Region, 2023-2033 (%)

Figure 25 North America Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 26 North America Oligonucleotide Therapy Market Share, By Type, 2024 & 2033 (%)

Figure 27 North America Oligonucleotide Therapy Market Share, By Application, 2024 & 2033 (%)

Figure 28 North America Oligonucleotide Therapy Market Share, By End-User, 2024 & 2033 (%)

Figure 29 North America Oligonucleotide Therapy Market Share, By Country, 2024 & 2033 (%)

Figure 30 Europe Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 31 Europe Oligonucleotide Therapy Market Share, By Type, 2024 & 2033 (%)

Figure 32 Europe Oligonucleotide Therapy Market Share, By Application, 2024 & 2033 (%)

Figure 33 Europe Oligonucleotide Therapy Market Share, By End-User, 2024 & 2033 (%)

Figure 34 Europe Oligonucleotide Therapy Market Share, By Country, 2024 & 2033 (%)

Figure 35 Asia-Pacific Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 36 Asia-Pacific Oligonucleotide Therapy Market Share, By Type, 2024 & 2033 (%)

Figure 37 Asia-Pacific Oligonucleotide Therapy Market Share, By Application, 2024 & 2033 (%)

Figure 38 Asia-Pacific Oligonucleotide Therapy Market Share, By End-User, 2024 & 2033 (%)

Figure 39 Asia-Pacific Oligonucleotide Therapy Market Share, By Country, 2024 & 2033 (%)

Figure 40 South America Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 41 South America Oligonucleotide Therapy Market Share, By Type, 2024 & 2033 (%)

Figure 42 South America Oligonucleotide Therapy Market Share, By Application, 2024 & 2033 (%)

Figure 43 South America Oligonucleotide Therapy Market Share, By End-User, 2024 & 2033 (%)

Figure 44 South America Oligonucleotide Therapy Market Share, By Country, 2024 & 2033 (%)

Figure 45 Middle East and Africa Oligonucleotide Therapy Market Value, 2022-2033 (US\$ Billion)

Figure 46 Middle East and Africa Oligonucleotide Therapy Market Share, By Type, 2024 & 2033 (%)

Figure 47 Middle East and Africa Oligonucleotide Therapy Market Share, By Application, 2024 & 2033 (%)

Figure 48 Middle East and Africa Oligonucleotide Therapy Market Share, By End-User, 2024 & 2033 (%)

Figure 49 Sarepta Therapeutics, Inc.: Financials

Figure 50 Ionis Pharmaceuticals, Inc.: Financials

Figure 51 Alnylam Pharmaceuticals, Inc.: Financials

Figure 52 Wave Life Sciences: Financials

Figure 53 Novartis AG: Financials

Figure 54 Biogen: Financials

Figure 55 Regeneron Pharmaceuticals Inc.: Financials

Figure 56 Avidity Biosciences: Financials

I would like to order

Product name: Global Oligonucleotide Therapy Market - 2025 -2033

Product link: <https://marketpublishers.com/r/G3E2A3316A42EN.html>

Price: US\$ 4,350.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3E2A3316A42EN.html>