

Drug And Gene Delivery Devices Market in 2024: The Role of AI Technology In Advancing Treatment Solutions

The Business Research Company's Early Year-End Sale! Get up to 30% off detailed market research reports—for a limited time only!

LONDON, GREATER LONDON, UNITED KINGDOM, December 13, 2024 /EINPresswire.com/ -- The Business Research Company's Early Year-End Sale! Get up to 30% off detailed market research reports—limited time only!



The Business
Research Company

Drug And Gene Delivery Devices Global Market Report 2024 - Market Size, Trends, And Global Forecast 2024-2033

The global drug and gene delivery devices market has witnessed remarkable growth in recent years through healthcare infrastructure development, expansion of personalized gene therapy programs, increasing focus on preventive healthcare, rare and orphan diseases, and increasing public awareness about health and treatment options. It is projected to proliferate from \$0.56 billion in 2023 to \$0.61 billion in 2024, recording a compound annual growth rate CAGR of 8.7%.

“

The drug and gene delivery devices market size is expected to see strong growth in the next few years. It will grow to \$0.86 billion in 2028 at a compound annual growth rate (CAGR) of 8.8%”

*The Business Research
Company*

What Is the Anticipated Growth Rate and [Market Size of the Global Drug and Gene Delivery Devices Market?](#)

In the coming years, strong growth is expected in the drug and gene delivery devices market as the size is predicted to reach \$0.86 billion by 2028 with a compound annual

growth rate CAGR of 8.8%. This forecasted growth can be accredited to the increasing prevalence of chronic diseases, a growing demand for personalized medicine, rising awareness and adoption of gene therapy, demand for non-invasive and minimally invasive procedures, and the increasing popularity of direct-to-patient delivery models.

View the comprehensive insights into the Global Drug and Gene Delivery Devices Market with our detailed sample report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=19404&type=smp>

What Are the Strong Growth [Drivers and Major Trends in the Drug and Gene Delivery Devices Market?](#)

A primary growth driver in the market is the increasing adoption of gene therapy. This medical technique, consisting of the introduction, removal, or alteration of genetic material within a patient's cells, treats or prevents disease. The demand for gene therapy is mounting because of its potential to cure genetic disorders and chronic diseases fundamentally, offering transformative treatment options where traditional therapies may be inadequate. Similarly, drug and gene delivery devices play an essential role in gene therapy as they precisely target and control the release of therapeutic genes, therefore improving the treatment's efficacy.

Secure the full report for access to vital data and trend analysis:

<https://www.thebusinessresearchcompany.com/report/drug-and-gene-delivery-devices-global-market-report>

Who Are the Major Players in the Drug and Gene Delivery Devices Market?

Key companies operating in the drug and gene delivery devices market include Merck & Co. Inc., AbbVie Inc., Bayer AG, AstraZeneca plc, Medtronic plc, Amgen Inc., Moderna Inc., Biogen Inc., Sarepta Therapeutics Inc., SCIEX, Halozyme Therapeutics Inc., ViiV Healthcare Limited, Uniqure NV, Cytokinetics Inc., Prothena Corporation plc, Intellia Therapeutics Inc., Voyager Therapeutics Inc., sfm medical devices GmbH, Inovio Pharmaceuticals Inc., GenSight Biologics S.A., and CRISPR Therapeutics.

What Are the Prominent Trends in the Drug and Gene Delivery Devices Market?

Significantly, major players in the market are focusing on developing advanced products, such as artificial intelligence AI technology. This technology in drug delivery improves the efficiency, precision, and effectiveness of drug delivery systems. For example, in December 2023, Envoya Inc., a US-based developer of polymer-based nanoparticles for targeted delivery, launched an innovative gene therapy drug delivery platform. This platform combines biopolymer-nanoparticles with artificial intelligence AI to offset significant limitations in current gene therapy technologies.

How Does the Market Segment?

The drug and gene delivery devices market encompasses the following segments:

1 By Vector: Viral, Non-viral

2 By Method: In Situ, Ex Vivo

3 By Route Of Administration: Oral, Inhalation, Transdermal, Injectable, Ocular, Nasal, Topical

What Are the Regional Insights into the Drug and Gene Delivery Devices Market?

Geographically, North America was the largest region in the drug and gene delivery devices market in 2023. The report covers regions, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Browse more similar reports-

Anti-Hypertensive Drugs Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/anti-hypertensive-drugs-global-market-report>

Drugs for Immunotherapy Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/drugs-for-immunotherapy-global-market-report>

Drugs For Hormonal Replacement Therapy Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/drugs-for-hormonal-replacement-therapy-global-market-report>

[About The Business Research Company](#)

Learn More About The Business Research Company. With over 15000+ reports from 27 industries covering 60+ geographies, The Business Research Company has built a reputation for offering comprehensive, data-rich research and insights. Armed with 1,500,000 datasets, the optimistic contribution of in-depth secondary research, and unique insights from industry leaders, you can get the information you need to stay ahead in the game.

Contact us at:

The Business Research Company: <https://www.thebusinessresearchcompany.com/>

Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

Email us at info@tbrc.info

Follow us on:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

YouTube: https://www.youtube.com/channel/UC24_f10rV8cR5DxICpgmyFQ

Global Market Model: <https://www.thebusinessresearchcompany.com/global-market-model>

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/768388905>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.