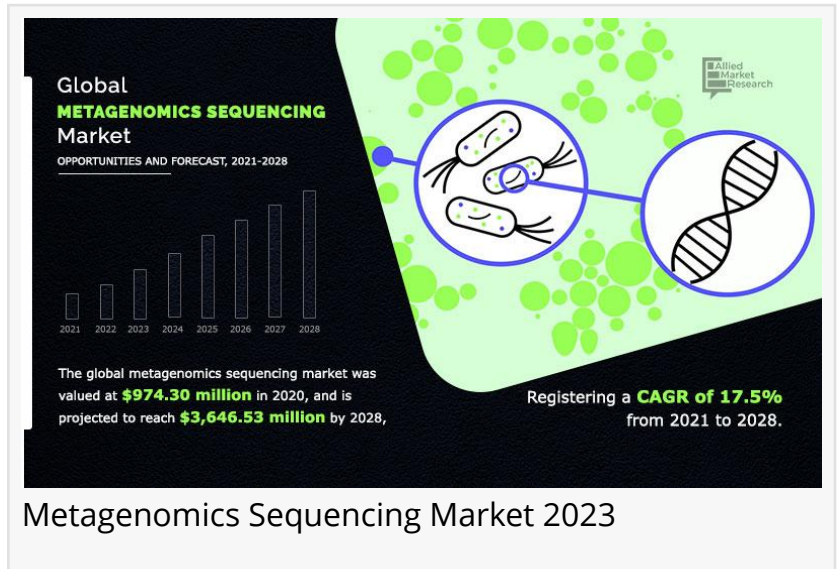


# Metagenomics Sequencing Market Size (USD 3.64 Bn by 2028): Opportunities and Challenges in the Age of Big Data and AI

*The increase in the number of patients suffering from chronic diseases further fuels the growth of the global metagenomics sequencing market*

PORTLAND, OREGON, UNITED STATES, April 18, 2023 /EINPresswire.com/ -- Allied Market Research has published a study report with the title [Metagenomics Sequencing Market Size](#) was Valued at USD 974.30 million in 2020, and is Anticipated to Hit USD 3.64 billion by 2028, registering a CAGR of 17.5% from 2021 to 2028.



This report provides a comprehensive overview of the Metagenomics Sequencing Market, including an in-depth analysis of market trends, key segments, investment opportunities, value chain analysis, regional landscape, and competitive scenarios. It offers valuable insights for established market players, new entrants, investors, and other stakeholders to devise effective strategies and make informed decisions to enhance their market position. The report is a valuable resource for anyone seeking to gain a deeper understanding of the Metagenomics Sequencing Market and its growth potential in the future.

Metagenomics sequencing is a powerful tool for studying the genetic material of a community of organisms. It has a wide range of applications in various fields, including medicine, agriculture, and environmental science. The market for metagenomics sequencing is expected to grow significantly in the coming years, driven by the increasing demand for personalized medicine and the discovery of new drugs. The report provides a detailed analysis of the market, including the current market size, growth rate, and key players. It also identifies the opportunities and challenges in the market and provides recommendations for stakeholders.

For more information, please contact: [Allied Market Research](#)

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Metagenomics is a molecular tool in genomics technique and it uses metagenomics sequencing to analyze the mixed genomic materials extracted from community of organisms. This procedure provides detailed information about species diversity and abundance, functional genes, phylogenetic relationship, population structure, and correlation network with environmental factors. Although these procedures are initially used for clinical diagnostic, drug discovery, biofuel, and industrial application. Metagenomics is the study of a collection of genetic material (genomes) from a mixed community of organisms. Metagenomics usually refers to the study of microbial communities. Metagenomics allows studies of organisms that are not easily cultured in a laboratory.

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- Eurofins Genomics
- Illumina, Inc.
- Oxford Nanopore Technologies Ltd
- Pacific Biosciences of California, Inc.
- Thermo Fisher Scientific Inc.
- BGI Genomics Co., Ltd.
- PerkinElmer Inc.
- QIAGEN N.V.
- Macrogen Inc.
- Swift Biosciences Inc.

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### By Product & Service

- Reagents & Consumables
- Instruments
- Services
- Analysis & Data Interpretation Solutions
- Metagenomics Sequencing Services

### By Technology

- Shotgun Metagenomics Sequencing
- 16S rRNA Sequencing
- Whole Genome Sequencing & De Novo Assembly
- Metatranscriptomics

## By Application

- Ecological & Environmental Metagenomics
- Clinical Diagnostics
- Drug Discovery
- Biofuel
- Industrial Applications

By region, North America held the highest share in 2020, garnering more than two-fifths of the global metagenomics sequencing market. Rise in genetic disorders and increase in number of clinical diagnostics drive the market growth in this region. Simultaneously, the market across Asia-Pacific would register the fastest CAGR of 19.0% from 2021 to 2028.

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- By product & service, the services segment accounted for the largest segment in 2020, while reagents & consumables segment is expected to grow at highest CAGR of 18.5% from 2021 to 2028
- By technology, the 16S rRNA sequencing segment dominated the metagenomics sequencing market in 2020, while shotgun metagenomics sequencing segment is expected to grow at highest CAGR of 18.5% from 2021 to 2028
- By application, the drug discovery segment was the largest application segment in overall market in 2020
- By region, Asia-Pacific is expected to witness highest metagenomics sequencing market growth rate, with a CAGR of 19.0% driven by growth in population, increase in affordability, and improvement in healthcare facilities in the region

Our Market Research Solution Provides You Answer to Below Mentioned Question:

- What is the current size of the market and how much is it expected to grow in the next few years?
- Who are the key players in the market and what are their market shares?
- What are the key product segments in the market and how are they expected to grow?
- What are the key applications/end-users of the products and services in the market?
- What are the pricing trends in the market and how are they likely to change over time?
- What are the major challenges faced by companies operating in the market?
- Who are the major suppliers and distributors in the market?
- What are the major technological advancements in the market and how are they impacting the market dynamics?
- What are the key regulations and policies impacting the market?

- What are the major opportunities for new entrants in the market?

## By Region Outlook

- North America  
(U.S., Canada, Mexico)
- Europe  
(Germany, France, UK, Italy, Spain, Rest of Europe)
- Asia-Pacific  
(Japan, China, India, Rest of Asia-Pacific)
- LAMEA  
(Brazil, Saudi Arabia, South Africa, Rest of LAMEA)

## Top Trending Report:

- Gene Therapy Market: <https://www.alliedmarketresearch.com/gene-therapy-market>
- 3D Cell Culture Market: <https://www.alliedmarketresearch.com/3d-cell-cultures-market>

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