

Bioinformatics Services - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/B906AF52C24EN.html>

Date: May 2018

Pages: 164

Price: US\$ 4,150.00 (Single User License)

ID: B906AF52C24EN

Abstracts

According to Statistics MRC, the Global Bioinformatics Services Market is accounted for \$1.30 billion in 2017 and is expected to reach \$5.67 billion by 2026 growing at a CAGR of 17.8% during the forecast period. Factors such as rising public-private sector funding for bioinformatics services, increasing applications of bioinformatics in different industries and the lack of skilled bioinformatics professionals leading to increased outsourcing of bioinformatics tasks are collectively expected to propel the market growth. However, complexity of data and lack of well-defined standards for bioinformatics analysis are anticipated to hinder the growth of the market. Increasing focus on outsourcing for the management of large volumes of data is providing ample of opportunities for the market growth.

Bioinformatics Services combines computer science, statistics and life sciences together, to develop algorithms and professional software tools for mining and interpreting the tremendous biological data, generated in recent booming high throughput. With the development of genomics, transcriptomics, proteomics and metabolomics, the bioinformatics has become more and more important and get even widely application in data mining.

Based on specialty, medical biotechnology section is anticipated to command the steady share of the bioinformatics services market. The maximum share of this section can be attributed to the expansion of new databases for drug discovery, the use of bioinformatics for medical diagnostics, and increasing funding for the development of bioinformatics solutions for medicinal diagnostics.

Depending on end user, academic institutes & research centres section is projected to observe the significant growth. Growing scale of genomics research, rising number of

collaborations between academic research institutes and players, increasing number of government funding programs for genomics research and the rising focus of market players on providing efficient bioinformatics services that suit the needs of researchers are some of the main factors for the growth of this sector.

By geography, Asia Pacific is approximated to be the dominate market owing to rising incidence of target diseases, growing awareness about the clinical applications of bioinformatics and its advantages over conventional methods and increasing genomic and drug discovery research activities are driving the growth of this region.

Some of the key players profiled in the Bioinformatics Services market include Source Bioscience, Qiagen Bioinformatics, Perkinelmer, Neogenomics, Microsynth, Medgenome Labs, Macrogen, Life Technologies Corporation, Illumina, IBM Life sciences, GVK Biosciences, Genewiz, Geneva bioinformatics, FIOS Genomics, Eurofins Scientific, DNAnexus Inc., CD Genomics, BGI, Baseclear and Thermo Fisher Scientific.

Specialties Covered:

Forensic Biotechnology

Environmental Biotechnology

Animal Biotechnology

Plant Biotechnology

Medical Biotechnology

Type of Services Covered:

Data Analysis

Drug Discovery Services

Differential Gene Expression Analysis

Database and Management Services

Sequencing Services

Next Generation Sequencing (NGS)

Microarray data analysis

Scientific software testing

Biological data curation

Clinical trial data management

Docking

Other Type of Services

Applications Covered:

Transcriptomics

Proteomics

Metabolomics

Genomics

Chemoinformatics and Drug Design

Other Applications

End Users Covered:

Pharmaceutical & Biotechnology Companies

Hospitals & Clinics

Academic Institutes & Research Centres

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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