

Global Bioinformatics Services Market Size study, by Application (Genomics, Chemoinformatics & Drug Design, Proteomics, Transcriptomics, Metabolomics, Others), by Specialty (Medical Biotechnology, Animal Biotechnology, Plant Biotechnology, Environmental Biotechnology, Forensic Biotechnology), by Type (Sequencing Services, Data Analysis, Drug Discovery Services, Differential Gene Expression Analysis, Database and Management Services, Others), by End User (Academic Institutes & Research Centers Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, CROs, Others), and Regional Forecasts 2021-2027

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Abstracts

Global bioinformatics services market is expected to reach \$6.1 billion by 2027. Global bioinformatics services market is valued approximately at \$2.2 billion in 2020 and is anticipated to grow with a healthy growth rate of about 15.8% over the forecast period 2021-2027. Bioinformatics services refer to the tools that are capable of assisting the biologists in understanding biological processes through computationally intensive techniques for data mining, pattern recognition, visualization and machine learning algorithms with the inclusion of advanced computing software and instruments. The global bioinformatics services market is being driven by growing applications of bioinformatics in various industries and increasing public-private sector funding for bioinformatics services. Furthermore, reduced cost of sequencing and growing volume

of data generated during sequencing will provide new opportunities for the global bioinformatics services industry. There have been funding and investments for bioinformatics services that would increase the research and development activities. For instance, in 2021, the United States government announced an investment worth \$1.7 billion to improve monitoring, detection, and mitigation of SARS-CoV-2 variants as well as infrastructure development for future genomic sequencing needs. Also, in 2021, LifeArc (London) had announced \$6.91 million funding to support the GenOMICC COVID-19 study, which will also support the sample acquisition, costs of patient enrolment, bioinformatics analysis of patients and sample processing. Such public-private sector funding for bioinformatics is likely to drive the market. However, in-house development of bioinformatics solutions and publicly available bioinformatics tools may impede market growth over the forecast period of 2021-2027.

The regional analysis of the global bioinformatics services market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region across the world in terms of market share due to development of novel software and algorithms by the key market players, etc. in the region. Whereas Asia Pacific is anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to increased healthcare spending, incidence of genetic diseases, healthcare infrastructure development across the region, etc.

Major market player included in this report are:

Illumina

Thermo Fisher Scientific

Eurofins Scientific

BGI Group

NeoGenomics

PerkinElmer

CD Genomics

Psomagen, Inc.

QIAGEN

GENEWIZ

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

- Genomics
- Chemoinformatics & Drug Design
- Proteomics
- Transcriptomics
- Metabolomics
- Others

By Specialty:

- Medical Biotechnology
- Animal Biotechnology
- Plant Biotechnology
- Environmental Biotechnology
- Forensic Biotechnology

By Type:

- Sequencing Services
- Data Analysis
- Drug Discovery Services
- Differential Gene Expression Analysis
- Database and Management Services
- Others

By End User:

- Academic Institutes & Research Centers
- Hospitals & Clinics
- Pharmaceutical & Biotechnology Companies
- CROs
- Others

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France

Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global Bioinformatics Services Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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