

Biological Data Visualization Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global biological data visualization market looks promising with opportunities in the cell & organism imaging, structural biology & molecular modeling, genomic analysis, alignments, phylogeny, & evolution, and system biology applications. The global biological data visualization market is expected to grow with a CAGR of 9%-11% from 2020 to 2025. The major drivers for this market are increasing awareness among patients and physicians related to biological data visualization, growing adoption of artificial intelligence for the analysis of biological data, and rising demand of faster decision making.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global biological data visualization market report, please download the report brochure.

The study includes trends and forecast for the global biological data visualization market by technique, platform, application, end use, and region as follows:

By Technique [Value (\$ Million) shipment analysis for 2014 – 2025]:

Sequencing

Magnetic Resonance Imaging

Microscopy

X-ray Crystallography

Others

By Platform [Value (\$ Million) shipment analysis for 2014 – 2025]:

Windows

Mac OS

Linux

Others

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Cell and Organism Imaging

Structural Biology and Molecular Modeling

Genomic Analysis

Alignments, Phylogeny, and Evolution

Systems Biology

By End Use [Value (\$ Million) shipment analysis for 2014 – 2025]:

Academic Research

Hospitals & Clinics

Pharmaceutical & Biotechnology Companies

Others

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the biological data visualization companies profiled in this report includes Thermo Fisher Scientific, QIAGEN, B&D, Agilent Technologies, 3M, Carl Zeiss, Oxford Instruments, Olympus, GE Healthcare, and Clarivate Analytics.

Lucintel forecasts that sequencing will remain the largest segment over the forecast period due to its declining cost and wide range of applications of next generation

sequencing.

Within this market, cell & organism imaging will remain the largest segment by application over the forecast period due to advancements in technology in the cryo-electron microscopy.

North America will remain the largest region over the forecast period due to increasing research and development activities in biotechnology sectors, rising adoption of sequencing technique, and growth in biotechnology sectors in the region.

Features of the Global Biological Data Visualization Market

Market Size Estimates: Global biological data visualization market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global biological data visualization market size by various segments, such as technique, platform, application, and end use in terms of value.

Regional Analysis: Global biological data visualization market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different technique, platform, application, end use, and region for the global biological data visualization market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global biological data visualization market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the

global biological data visualization market by technique (sequencing, magnetic resonance imaging, microscopy, X-ray crystallography, and others), platform (windows, mac OS, linux, and others), application (cell & organism imaging, structural biology & molecular modeling, genomic analysis, alignments, phylogeny, & evolution, and systems biology), end use (academic research, hospitals & clinics, pharmaceutical & biotechnology companies, and others), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global biological data visualization market?

Q.5 What are the business risks and threats to the global biological data visualization market?

Q.6 What are the emerging trends in this biological data visualization market and the reasons behind them?

Q.7 What are some changing demands of customers in this biological data visualization market?

Q.8 What are the new developments in this biological data visualization market? Which companies are leading these developments?

Q.9 Who are the major players in this biological data visualization market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this biological data visualization market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global biological data visualization market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Technique (Sequencing, Magnetic Resonance Imaging, Microscopy, X-Ray Crystallography, and Others), Platform (Windows, Mac OS, Linux, and Others), Application (Cell & Organism Imaging, Structural Biology & Molecular Modeling, Genomic Analysis, Alignments, Phylogeny, & Evolution, and Systems Biology), and End Use (Academic Research, Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, and Others)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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Contents

1. EXECUTIVE SUMMARY

2. MARKET BACKGROUND AND CLASSIFICATIONS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2014 T 2025

3.1: Macroeconomic Trends and Forecast

3.2: Global Biological Data Visualization Market Trends and Forecast

3.3: Global Biological Data Visualization Market by Technique

3.3.1: Sequencing

3.3.2: Magnetic Resonance Imaging (MRI)

3.3.3: Microscopy

3.3.4: X-ray Crystallography

3.3.5: Others

3.4: Global Biological Data Visualization Market by Platform

3.4.1: Windows

3.4.2: Mac OS

3.4.3: Linux

3.4.4: Others

3.5: Global Biological Data Visualization Market by Application

3.5.1: Cell and Organism Imaging

3.5.2: Structural Biology and Molecular Modeling

3.5.3: Genomic Analysis

3.5.4: Alignments, Phylogeny, and Evolution

3.5.5: Systems Biology

3.6: Global Biological Data Visualization Market by End Use

3.6.1: Academic Research

3.6.2: Hospitals & Clinics

3.6.3: Pharmaceutical & Biotechnology Companies

3.6.4: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

4.1: Global Biological Data Visualization Market by Region

4.2: North American Biological Data Visualization Market

4.2.1: Market by Technique: Sequencing, Magnetic Resonance Imaging, Microscopy, X-ray Crystallography, and Others

4.2.2: Market by Platform: Windows, Mac OS, Linux, and Others

4.2.3: Market by Application: Cell and Organism Imaging, Structural Biology and Molecular Modeling, Genomic Analysis, Alignments, Phylogeny, and Evolution, and Systems Biology

4.2.4: Market by End Use: Academic Research, Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, and Others

4.2.5: The United States Biological Data Visualization Market

4.2.6: The Canadian Biological Data Visualization Market

4.2.7: The Mexican Biological Data Visualization Market

4.3: European Biological Data Visualization Market

4.3.1: Market by Technique: Sequencing, Magnetic Resonance Imaging, Microscopy, X-ray Crystallography, and Others

4.3.2: Market by Platform: Windows, Mac OS, Linux, and Others

4.3.3: Market by Application: Cell and Organism Imaging, Structural Biology and Molecular Modeling, Genomic Analysis, Alignments, Phylogeny, and Evolution, and Systems Biology

4.3.4: Market by End Use: Academic Research, Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, and Others

4.3.5: The Biological Data Visualization Market of United Kingdom

4.3.6: The German Biological Data Visualization Market

4.3.7: The French Biological Data Visualization Market

4.4: APAC Biological Data Visualization Market

4.4.1: Market by Technique: Sequencing, Magnetic Resonance Imaging, Microscopy, X-ray Crystallography, and Others

4.4.2: Market by Platform: Windows, Mac OS, Linux, and Others

4.4.3: Market by Application: Cell and Organism Imaging, Structural Biology and Molecular Modeling, Genomic Analysis, Alignments, Phylogeny, and Evolution, and Systems Biology

4.4.4: Market by End Use: Academic Research, Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, and Others

4.4.5: The Chinese Biological Data Visualization Market

4.4.6: The Indian Biological Data Visualization Market

4.4.7: The Japanese Biological Data Visualization Market

4.5: ROW Biological Data Visualization Market

4.5.1: Market by Technique: Sequencing, Magnetic Resonance Imaging, Microscopy,

X-ray Crystallography, and Others

4.5.2: Market by Platform: Windows, Mac OS, Linux, and Others

4.5.3: Market by Application: Cell and Organism Imaging, Structural Biology and Molecular Modeling, Genomic Analysis, Alignments, Phylogeny, and Evolution, and Systems Biology

4.5.4: Market by End Use: Academic Research, Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, and Others

4.5.5: Brazilian Biological Data Visualization Market

5. COMPETITOR ANALYSIS

5.1: Market Share Analysis

5.2: Product Portfolio Analysis

5.3: Operational Integration

5.4: Geographical Reach

5.5: Porter's Five Forces Analysis

6. COST STRUCTURE ANALYSIS

6.1: Cost of Goods Sold

6.2: SG&A

6.3: EBITDA Margin

7. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

7.1: Growth Opportunity Analysis

7.1.1: Growth Opportunities for the Global Biological Data Visualization Market by Technique

7.1.2: Growth Opportunities for the Global Biological Data Visualization Market by Platform

7.1.3: Growth Opportunities for the Global Biological Data Visualization Market by Application

7.1.4: Growth Opportunities for the Global Biological Data Visualization Market by End Use

7.1.5: Growth Opportunities for the Global Biological Data Visualization Market by Region

7.2: Emerging Trends in the Global Biological Data Visualization Market

7.3: Strategic Analysis

7.3.1: New Product Development

7.3.2: Capacity Expansion of the Global Biological Data Visualization Market

7.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Biological Data Visualization Market

7.3.4: Certification and Licensing

8. COMPANY PROFILES OF LEADING PLAYERS

8.1: Thermo Fisher Scientific Inc.

8.2: QIAGEN

8.3: Becton-Dickinson and Company

8.4: Agilent Technologies, Inc..

8.5: 3M Company

8.6: Carl Zeiss AG

8.7: Oxford Instruments

8.8: Olympus Corporation

8.9: GE Healthcare

8.10: Clarivate Analytics

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