

Cloud Computing in Cell Biology, Genomic, and Drug Development Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global cloud computing in cell biology, genomics, and drug development market looks promising with opportunities in discovery & preclinical research, clinical trial, pharma manufacturing, commercialization, and plant & microbial gene analyses applications. Cloud computing in the global cell biology, genomic, and drug development market is expected to grow with a CAGR of 22%-24% from 2020 to 2025. The major drivers for this market are rising research activities related to genomics, increasing prevalence of cancer, and growing focus on genomics for drug discovery.

A total of XX figures / charts and XX tables are provided in this more than 150-pages 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 cloud computing in cell biology, genomics, and drug development market report, please download the report brochure.

In this market, discovery & preclinical research is the largest application of cloud computing in cell biology, genomics, and drug development, whereas pharmaceutical and biotechnology companies is the largest end user. Growth in various segments of the of cloud computing in cell biology, genomics, and drug development market are given below:

The study includes trends and forecast for the global cloud computing in cell biology, genomics, and drug development market by branch of biology, development type,

application, end user, and region as follows:

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

Plant Biology

Animal Biology

Human Biology

Microbiology

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

Public Cloud

Private Cloud

Hybrid Cloud

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

Discovery and Preclinical Research

Genomics

Diagnostics

Others

Clinical Trials

Pharma Manufacturing

Commercialization

Plant and Microbial Gene Analyses

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

Pharmaceutical and Biotechnology Companies

Contract Research Organizations

Clinical Laboratories

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 cloud computing companies profiled in this report include Google, Amazon Web Services, IBM, Oracle, Microsoft, Cisco Systems, DXC Technology, Salesforce, and SAP.

Lucintel forecasts that discovery & preclinical research will remain the largest application segment over the forecast period due to rising demand for genomics and increasing cancer diagnosis.

Within this market, pharmaceutical and biotechnology companies will remain the largest end user segment over the forecast period due to increasing usage of genomics for research and development of new drugs and increasing prevalence of cancer.

North America will remain the largest region over the forecast period due to increasing investment in research activities related to genomics, rising prevalence of chronic diseases, and presence of advanced healthcare infrastructure in the region.

Features of the Global Cloud Computing in Cell Biology, Genomics, and Drug Development Market

Market Size Estimates: Global cloud computing in cell biology, genomics, and drug development 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 cloud computing in cell biology, genomics, and drug development market size by various segments, such as branch of biology, development type, application, and end user in terms of value.

Regional Analysis: Global cloud computing in cell biology, genomics, and drug development market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different branch of

biology, development type, application, end user, and region for the global cloud computing in cell biology, genomics, and drug development market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global cloud computing in cell biology, genomics, and drug development 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 cloud computing in cell biology, genomics, and drug development market by branch of biology (plant biology, animal biology, human biology, and microbiology), development type (public cloud, private cloud, and hybrid cloud), application (discovery & preclinical research (genomics, diagnostics, and others), clinical trials, pharma manufacturing, commercialization, and plant & microbial gene analyses), end user (pharmaceutical & biotechnology companies, contract research organizations, clinical laboratories, 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 cloud computing in cell biology, genomics, and drug development market?

Q.5 What are the business risks and threats to the global cloud computing in cell biology, genomics, and drug development market?

Q.6 What are the emerging trends in this cloud computing in cell biology, genomics, and drug development market and the reasons behind them?

Q.7 What are some changing demands of customers in this cloud computing in cell biology, genomics, and drug development market?

Q.8 What are the new developments in this cloud computing in cell biology, genomics, and drug development market? Which companies are leading these developments?

Q.9 Who are the major players in this cloud computing in cell biology, genomics, and drug development 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 cloud computing

in cell biology, genomics, and drug development 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 cloud computing in cell biology, genomics, and drug development 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 Branch of Biology (Plant Biology, Animal Biology, Human Biology, and Microbiology), Development Type (Public Cloud, Private Cloud, and Hybrid Cloud), Application (Discovery & Preclinical Research (Genomics, Diagnostics, and Others), Clinical Trials, Pharma Manufacturing, Commercialization, and Plant & Microbial Gene Analyses), and End User (Pharmaceutical And Biotechnology Companies, Contract Research Organizations, Clinical Laboratories, 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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8.9: SAP SE

8.10: Company

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