

Bioinformatics Market by Sector (Molecular Medicine, Agriculture, Forensic, Animal, Research & Gene Therapy), Product (Sequencing Platforms, Knowledge Management & Data Analysis) & Application (Genomics, Proteomics & Metabolomics) - Global Forecast to 2021

<https://marketpublishers.com/r/BEC96829D45EN.html>

Date: October 2016

Pages: 188

Price: US\$ 5,650.00 (Single User License)

ID: BEC96829D45EN

Abstracts

The global bioinformatics market is projected to reach USD 16.18 billion by 2021 from USD 6.21 billion in 2016, growing at a CAGR of 21.1% during the forecast period. In this report, the bioinformatics market is broadly segmented on the basis of sector, products and services, application, and region. Factors such as the growing demand for nucleic acid and protein sequencing, increasing initiatives from government and private organizations, growing application of bioinformatics, and improved collaborative ties between companies and research institutes are driving the growth of the bioinformatics market.

On the basis of sector, the bioinformatics market is categorized into medical biotechnology, academics, animal biotechnology, agricultural technology, environmental biotechnology, forensic biotechnology, and other sectors (homeland security and defense, law enforcement groups, bioweapon creation, and evolutionary biotechnology). In 2016, the medical biotechnology segment is expected to account for the largest share of the bioinformatics market. This growth can be attributed to the increasing use of bioinformatics in drug discovery and development processes for the faster development of safe and effective drugs at reduced costs. On the basis of application, the bioinformatics market has been segmented into genomics, chemoinformatics & drug design, proteomics, transcriptomics, metabolomics, molecular phylogenetics, and other applications (glycomics, cytomics, physiomics, and interactomics).

On the basis of products and services, the bioinformatics market is categorized into knowledge management tools, bioinformatics platforms, and bioinformatics services. The knowledge management tools segment is expected to account for the largest market share in 2016. However, bioinformatics platforms are expected to grow at the highest CAGR during the forecast period; the growth of this segment is due to the reduction in overall time for processing data, phylogenetic analysis, and identification of sequence similarity

North America is expected to account for the largest share of the bioinformatics market in 2016. Factors such as the increasing demand for bioinformatics across genomics and proteomics research, technological advancements, increasing research funding, and presence of a large number of market players and research institutes are propelling the growth of the market in North America. The APAC bioinformatics market is expected to register the highest CAGR of 22.3% in the next five years. Increasing research outsourcing to emerging countries by pharmaceutical giants for cost saving and increasing application of genomics in biotechnology and pharmaceutical research are contributing to the high growth of the APAC bioinformatics market during the forecast period.

Product launches was the most widely adopted growth strategy pursued by players in the bioinformatics market. Major players operating in the bioinformatics market include Illumina Inc. (U.S.), Agilent Technologies (U.S.), and Thermo Fisher Scientific Inc. (U.S.), and QIAGEN N.V (Netherlands).

Research Coverage:

The report provides a picture on encryption software solutions and associated services across different industry verticals and regions. It aims at estimating the market size and future growth potential of this market across different segments such as sector, products and services, application, and region. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles and recent developments,

Key Benefits of Buying the Report:

The report will help the market leaders/new entrants in this market by providing them the closest approximations of the revenue numbers for the overall encryption software market and the subsegments. This report will help stakeholders to better understand the

competitor landscape and gain more insights to better position their businesses and make suitable go-to-market strategies. The report also helps the stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
 - 1.2.1 MARKETS COVERED
- 1.3 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
 - 2.3.1 KEY DATA FROM SECONDARY SOURCES
 - 2.3.2 KEY DATA FROM PRIMARY SOURCES
 - 2.3.2.1 Key industry insights
 - 2.3.3 ASSUMPTIONS FOR THE STUDY
- 2.4 MACROECONOMIC FACTOR ANALYSIS
 - 2.4.1 INTRODUCTION
 - 2.4.2 DEMAND-SIDE ANALYSIS
 - 2.4.2.1 Healthcare expenditure pattern
 - 2.4.3 SUPPLY-SIDE ANALYSIS
 - 2.4.3.1 Number of new product launches

3 EXECUTIVE SUMMARY

- 3.1 CONCLUSION

4 PREMIUM INSIGHTS

- 4.1 BIOINFORMATICS: MARKET OVERVIEW
- 4.2 GEOGRAPHIC ANALYSIS: BIOINFORMATICS MARKET, BY PRODUCTS & SERVICES (2016)
- 4.3 GLOBAL BIOINFORMATICS MARKET SIZE, BY SECTOR, 2016 VS. 2021
- 4.4 GLOBAL BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2016 VS. 2021

4.5 BIOINFORMATICS MARKET GROWTH OPPORTUNITIES, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Growing demand for nucleic acid and protein sequencing

5.2.1.2 Increasing initiatives from government and private organizations

5.2.1.3 Growing applications of bioinformatics

5.2.1.3.1 Drug discovery and development

5.2.1.3.2 Clinical diagnostics and personalized medicine

5.2.1.4 Growth in the number of collaborations between companies and research institutes

5.2.2 RESTRAINTS

5.2.2.1 Lack of well-defined standards and common data formats for integration of data

5.2.2.2 Lack of user-friendly tools

5.2.3 OPPORTUNITIES

5.2.3.1 Nanopore sequencing technology and cloud technology

5.2.3.2 Emerging markets (india, china, and brazil)

5.2.3.3 Increasing adoption of bioinformatics tools in various industries

5.2.4 CHALLENGES

5.2.4.1 Management of large volumes of data

5.2.4.2 Lack of interoperability and multiplatform capabilities

5.2.4.3 Growing competition from in-house development and publically available tools

5.2.4.4 Shortage of skilled bioinformatics professionals

6 BIOINFORMATICS MARKET, BY SECTOR

6.1 INTRODUCTION

6.2 MEDICAL BIOTECHNOLOGY

6.2.1 DRUG DEVELOPMENT

6.2.2 CLINICAL DIAGNOSTICS

6.2.3 MOLECULAR MEDICINE

6.2.3.1 Personalized medicine

6.2.3.2 Preventive medicine

6.2.4 GENE THERAPY

6.2.5 REPRODUCTIVE BIOTECHNOLOGY

6.3 ACADEMICS

6.4 ANIMAL BIOTECHNOLOGY

6.5 AGRICULTURAL BIOTECHNOLOGY

6.5.1 CROP YIELD IMPROVEMENT

6.5.2 PEST RESISTANCE

6.5.3 NUTRITIONAL QUALITY IMPROVEMENT

6.5.4 IMPROVEMENT OF PLANT RESISTANCE

6.5.5 BIODIVERSITY INFORMATICS

6.6 ENVIRONMENTAL BIOTECHNOLOGY

6.6.1 WASTE CLEAN-UP/BIOREMEDIATION

6.6.2 ALTERNATIVE ENERGY SOURCES

6.6.3 CLIMATE CHANGE STUDIES

6.7 FORENSIC BIOTECHNOLOGY

6.8 OTHER SECTORS

7 BIOINFORMATICS MARKET, BY PRODUCTS & SERVICES

7.1 INTRODUCTION

7.2 KNOWLEDGE MANAGEMENT TOOLS

7.2.1 GENERALIZED KNOWLEDGE MANAGEMENT TOOLS

7.2.2 SPECIALIZED KNOWLEDGE MANAGEMENT TOOLS

7.3 BIOINFORMATICS PLATFORMS

7.3.1 SEQUENCE ANALYSIS PLATFORMS

7.3.2 SEQUENCE ALIGNMENT PLATFORMS

7.3.3 SEQUENCE MANIPULATION PLATFORMS

7.3.4 STRUCTURAL AND FUNCTIONAL ANALYSIS PLATFORMS

7.3.5 OTHER BIOINFORMATICS PLATFORMS

7.4 BIOINFORMATICS SERVICES

7.4.1 SEQUENCING SERVICES

7.4.2 DATABASE AND MANAGEMENT SERVICES

7.4.3 DATA ANALYSIS

7.4.4 OTHER BIOINFORMATICS SERVICES

8 BIOINFORMATICS MARKET, BY APPLICATION

8.1 INTRODUCTION

8.2 GENOMICS

8.3 CHEMOINFORMATICS AND DRUG DESIGN

8.4 PROTEOMICS

- 8.5 TRANSCRIPTOMICS
- 8.6 METABOLOMICS
- 8.7 MOLECULAR PHYLOGENETICS
- 8.8 OTHER APPLICATIONS

9 BIOINFORMATICS MARKET, BY REGION

- 9.1 INTRODUCTION
- 9.2 NORTH AMERICA
 - 9.2.1 U.S.
 - 9.2.2 CANADA
- 9.3 EUROPE
- 9.4 ASIA-PACIFIC
 - 9.4.1 INDIA
 - 9.4.2 CHINA
 - 9.4.3 REST OF ASIA-PACIFIC (ROAPAC)
- 9.5 REST OF THE WORLD

10 COMPETITIVE LANDSCAPE

- 10.1 OVERVIEW
- 10.2 MARKET RANKING ANALYSIS
- 10.3 BATTLE FOR MARKET SHARE: PRODUCT LAUNCHES WAS THE KEY GROWTH STRATEGY ADOPTED BY MARKET PLAYERS BETWEEN 2013 AND 2016
- 10.4 PRODUCT LAUNCHES
- 10.5 AGREEMENTS ,COLLABORATIONS, AND PARTNERSHIPS
- 10.6 ACQUISITIONS
- 10.7 OTHERS STRATEGIES

11 COMPANY PROFILES

(Overview, Products and Services, Financials, Strategy & Development)*

- 11.1 INTRODUCTION
- 11.2 ILLUMINA, INC.
- 11.3 THERMO FISHER SCIENTIFIC INC.
- 11.4 QIAGEN N.V.
- 11.5 AGILENT TECHNOLOGIES
- 11.6 APPLIED BIOLOGICAL MATERIALS (ABM)

11.7 BIOMAX INFORMATICS AG

11.8 DNANEXUS, INC.

11.9 ID BUSINESS SOLUTIONS LTD.

11.10 PERKINELMER, INC.

11.11 WATERS CORPORATION

*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

12 APPENDIX

12.1 INSIGHTS OF INDUSTRY EXPERTS

12.2 DISCUSSION GUIDE

12.3 OTHER DEVELOPMENTS

12.4 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

12.5 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

12.6 AVAILABLE CUSTOMIZATIONS

12.7 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD MILLION)

Table 2 BIOINFORMATICS MARKET SIZE FOR MEDICAL BIOTECHNOLOGY, BY REGION, 2014–2021 (USD MILLION)

Table 3 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR MEDICAL BIOTECHNOLOGY, BY COUNTRY, 2014–2021 (USD MILLION)

Table 4 APAC: BIOINFORMATICS MARKET SIZE FOR MEDICAL BIOTECHNOLOGY, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 5 BIOINFORMATICS MARKET SIZE FOR MEDICAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 6 BIOINFORMATICS MARKET SIZE FOR DRUG DEVELOPMENT, BY REGION, 2014–2021 (USD MILLION)

Table 7 BIOINFORMATICS MARKET SIZE FOR CLINICAL DIAGNOSTICS, BY REGION, 2014–2021 (USD MILLION)

Table 8 BIOINFORMATICS MARKET SIZE FOR MOLECULAR MEDICINE, BY REGION, 2016–2021 (USD MILLION)

Table 9 BIOINFORMATICS MARKET SIZE FOR PERSONALIZED MEDICINE, BY REGION, 2014–2021 (USD MILLION)

Table 10 BIOINFORMATICS MARKET SIZE FOR PREVENTIVE MEDICINE, BY REGION, 2014–2021 (USD MILLION)

Table 11 BIOINFORMATICS MARKET SIZE FOR GENE THERAPY, BY REGION, 2014 –2021 (USD MILLION)

Table 12 BIOINFORMATICS MARKET SIZE FOR REPRODUCTIVE BIOTECHNOLOGY, BY REGION, 2014–2021 (USD MILLION)

Table 13 BIOINFORMATICS MARKET SIZE FOR ACADEMICS, BY REGION, 2014–2021 (USD MILLION)

Table 14 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR ACADEMICS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 15 APAC: BIOINFORMATICS MARKET SIZE FOR ACADEMICS, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 16 BIOINFORMATICS MARKET SIZE FOR ANIMAL BIOTECHNOLOGY, BY REGION, 2014–2021 (USD MILLION)

Table 17 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR ANIMAL BIOTECHNOLOGY, BY COUNTRY, 2016–2021 (USD MILLION)

Table 18 APAC: BIOINFORMATICS MARKET SIZE FOR ANIMAL BIOTECHNOLOGY, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 19 BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL BIOTECHNOLOGY, BY REGION, 2014–2021 (USD MILLION)

Table 20 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL BIOTECHNOLOGY, BY COUNTRY, 2014–2021 (USD MILLION)

Table 21 BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 22 BIOINFORMATICS MARKET SIZE FOR CROP YIELD IMPROVEMENT, BY REGION, 2014–2021 (USD MILLION)

Table 23 BIOINFORMATICS MARKET SIZE FOR PEST RESISTANCE, BY REGION, 2014–2021 (USD MILLION)

Table 24 BIOINFORMATICS MARKET SIZE FOR NUTRITIONAL QUALITY IMPROVEMENT, BY REGION, 2014–2020 (USD MILLION)

Table 25 BIOINFORMATICS MARKET SIZE FOR IMPROVEMENT OF PLANT RESISTANCE, BY REGION, 2014–2021 (USD MILLION)

Table 26 BIOINFORMATICS MARKET SIZE FOR BIODIVERSITY INFORMATICS, BY REGION, 2014–2021 (USD MILLION)

Table 27 BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL BIOTECHNOLOGY, BY REGION, 2014–2021 (USD MILLION)

Table 28 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL BIOTECHNOLOGY, BY COUNTRY, 2014–2021 (USD MILLION)

Table 29 APAC: BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL BIOTECHNOLOGY, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 30 BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 31 BIOINFORMATICS MARKET SIZE FOR WASTE CLEAN-UP/BIOREMEDIATION, BY REGION, 2014–2021 (USD MILLION)

Table 32 BIOINFORMATICS MARKET SIZE FOR ALTERNATIVE ENERGY SOURCES, BY REGION, 2014–2021 (USD MILLION)

Table 33 BIOINFORMATICS MARKET SIZE FOR CLIMATE CHANGE STUDIES, BY REGION, 2014–2021 (USD MILLION)

Table 34 BIOINFORMATICS MARKET SIZE FOR FORENSIC BIOTECHNOLOGY, BY REGION, 2014–2021 (USD MILLION)

Table 35 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR FORENSIC BIOTECHNOLOGY, BY COUNTRY, 2014–2021 (USD MILLION)

Table 36 APAC: BIOINFORMATICS MARKET SIZE FOR FORENSIC BIOTECHNOLOGY, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 37 BIOINFORMATICS MARKET SIZE FOR OTHER SECTORS, BY REGION, 2014–2021 (USD MILLION)

Table 38 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR OTHER

SECTORS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 39 APAC: BIOINFORMATICS MARKET SIZE FOR OTHER SECTORS, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 40 BIOINFORMATICS MARKET SIZE, BY PRODUCTS & SERVICES, 2014–2021 (USD MILLION)

Table 41 KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 42 KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 43 NORTH AMERICA: KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 44 APAC: KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 45 GENERALIZED KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 46 SPECIALIZED KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 47 BIOINFORMATICS PLATFORMS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 48 BIOINFORMATICS PLATFORMS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 49 NORTH AMERICA: BIOINFORMATICS PLATFORMS MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 50 APAC: BIOINFORMATICS PLATFORMS MARKET SIZE, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 51 SEQUENCE ANALYSIS PLATFORMS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 52 SEQUENCE ALIGNMENT PLATFORMS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 53 SEQUENCE MANIPULATION PLATFORMS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 54 STRUCTURAL AND FUNCTIONAL ANALYSIS PLATFORMS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 55 OTHER BIOINFORMATICS PLATFORMS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 56 BIOINFORMATICS SERVICES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 57 BIOINFORMATICS SERVICES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 58 NORTH AMERICA: BIOINFORMATICS SERVICES MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 59 APAC: BIOINFORMATICS SERVICES MARKET SIZE, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 60 SEQUENCING SERVICES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 61 DATABASE AND MANAGEMENT SERVICES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 62 DATA ANALYSIS SERVICES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 63 OTHER BIOINFORMATICS SERVICES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 64 BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 65 GENOMICS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 66 NORTH AMERICA: GENOMICS MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 67 APAC: GENOMICS MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 68 CHEMOINFORMATICS AND DRUG DESIGN MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 69 NORTH AMERICA: CHEMOINFORMATICS AND DRUG DESIGN MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 70 APAC: CHEMOINFORMATICS & DRUG DESIGN MARKET SIZE, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 71 PROTEOMICS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 72 NORTH AMERICA: PROTEOMICS MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 73 APAC: PROTEOMICS MARKET SIZE, BY COUNTRY/REGION, 2014–2021 (USD MILLION)

Table 74 TRANSCRIPTOMICS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 75 METABOLOMICS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 76 MOLECULAR PHYLOGENETICS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 77 OTHER BIOINFORMATICS APPLICATIONS MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 78 BIOINFORMATICS MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 79 NORTH AMERICA: BIOINFORMATICS MARKET SIZE, BY COUNTRY,

2014–2021 (USD MILLION)

Table 80 NORTH AMERICA: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND SERVICES, 2014–2021 (USD MILLION)

Table 81 NORTH AMERICA: KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 82 NORTH AMERICA: BIOINFORMATICS PLATFORMS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 83 NORTH AMERICA: BIOINFORMATICS SERVICES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 84 NORTH AMERICA: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 85 NORTH AMERICA: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD MILLION)

Table 86 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR MEDICAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 87 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 88 NORTH AMERICA: BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 89 U.S.: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND SERVICES, 2014–2021 (USD MILLION)

Table 90 U.S.: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD MILLION)

Table 91 U.S.: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 92 CANADA: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND SERVICES, 2014–2021 (USD MILLION)

Table 93 CANADA: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD MILLION)

Table 94 CANADA: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 95 EUROPE: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND SERVICES, 2014–2021 (USD MILLION)

Table 96 EUROPE: KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 97 EUROPE: BIOINFORMATICS PLATFORMS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 98 EUROPE: BIOINFORMATICS SERVICES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 99 EUROPE: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021
(USD MILLION)

Table 100 EUROPE: BIOINFORMATICS MARKET SIZE FOR MEDICAL
BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 101 EUROPE: BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL
BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 102 EUROPE: BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL
BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 103 EUROPE: BIOINFORMATICS MARKET SIZE, BY APPLICATION,
2014–2021 (USD MILLION)

Table 104 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE, BY COUNTRY,
2014–2021 (USD MILLION)

Table 105 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND
SERVICES, 2014–2021 (USD MILLION)

Table 106 ASIA-PACIFIC: KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY
TYPE, 2014–2021 (USD MILLION)

Table 107 ASIA-PACIFIC: BIOINFORMATICS PLATFORMS MARKET SIZE, BY TYPE,
2014–2021 (USD MILLION)

Table 108 ASIA-PACIFIC: BIOINFORMATICS SERVICES MARKET SIZE, BY TYPE,
2014–2021 (USD MILLION)

Table 109 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE, BY SECTOR,
2016–2021 (USD MILLION)

Table 110 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE FOR MEDICAL
BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 111 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL
BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 112 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL
BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 113 ASIA-PACIFIC: BIOINFORMATICS MARKET SIZE, BY APPLICATION,
2014–2021 (USD MILLION)

Table 114 INDIA: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND
SERVICES, 2014–2021 (USD MILLION)

Table 115 INDIA: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD
MILLION)

Table 116 INDIA: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021
(USD MILLION)

Table 117 CHINA: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND
SERVICES, 2014–2021 (USD MILLION)

Table 118 CHINA: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD

MILLION)

Table 119 CHINA: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 120 ROAPAC: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND SERVICES, 2014–2021 (USD MILLION)

Table 121 ROAPAC: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD MILLION)

Table 122 ROAPAC: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 123 ROW: BIOINFORMATICS MARKET SIZE, BY PRODUCTS AND SERVICES, 2014–2021 (USD MILLION)

Table 124 ROW: KNOWLEDGE MANAGEMENT TOOLS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 125 ROW: BIOINFORMATICS PLATFORMS MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 126 ROW: BIOINFORMATICS SERVICES MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 127 ROW: BIOINFORMATICS MARKET SIZE, BY SECTOR, 2014–2021 (USD MILLION)

Table 128 ROW: BIOINFORMATICS MARKET SIZE FOR MEDICAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 129 ROW: BIOINFORMATICS MARKET SIZE FOR AGRICULTURAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 130 ROW: BIOINFORMATICS MARKET SIZE FOR ENVIRONMENTAL BIOTECHNOLOGY, BY TYPE, 2014–2021 (USD MILLION)

Table 131 ROW: BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 132 BIOINFORMATICS MARKET RANKING, BY KEY PLAYER, 2015

Table 133 PRODUCT LAUNCHES, 2013–2016

Table 134 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS, 2013–2016

Table 135 ACQUISITIONS, 2013–2016

Table 136 OTHER STRATEGIES, 2013–2016

List Of Figures

LIST OF FIGURES

Figure 1 RESEARCH DESIGN

Figure 2 MARKET SIZE ESTIMATION AND DATA TRIANGULATION

Figure 3 BREAK DOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 4 DATA TRIANGULATION METHODOLOGY

Figure 5 HEALTHCARE EXPENDITURE ACROSS MAJOR COUNTRIES: 2000 - 2014

Figure 6 BIOINFORMATICS MARKET SNAPSHOT, 2016 VS. 2021

Figure 7 GLOBAL BIOINFORMATICS MARKET SIZE, BY PRODUCTS & SERVICES, 2016 VS. 2021

Figure 8 GLOBAL BIOINFORMATICS MARKET SIZE, BY APPLICATION, 2016 VS. 2021

Figure 9 GLOBAL BIOINFORMATICS MARKET SIZE, BY SECTOR, 2016 VS. 2021

Figure 10 GEOGRAPHICAL SNAPSHOT OF THE BIOINFORMATICS MARKET

Figure 11 BIOINFORMATICS MARKET TO WITNESS A HIGH, DOUBLE-DIGIT GROWTH RATE DURING THE FORECAST PERIOD

Figure 12 KNOWLEDGE MANAGEMENT TOOLS SEGMENT ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2016

Figure 13 MEDICAL BIOTECHNOLOGY SEGMENT IS EXPECTED TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

Figure 14 GENOMICS SEGMENT TO WITNESS THE HIGHEST GROWTH IN THE FORECAST PERIOD

Figure 15 ASIA-PACIFIC TO WITNESS THE HIGHEST GROWTH FROM 2016 TO 2021

Figure 16 BIOINFORMATICS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 17 MEDICAL BIOTECHNOLOGY WILL CONTINUE TO DOMINATE THE BIOINFORMATICS MARKET DURING THE FORECAST PERIOD

Figure 18 APAC TO REGISTER HIGHEST GROWTH DURING THE FORECAST PERIOD

Figure 19 NORTH AMERICA TO DOMINATE THE BIOINFORMATICS MARKET FOR CLINICAL DIAGNOSTICS DURING THE FORECAST PERIOD

Figure 20 U.S. TO DOMINATE THE NORTH AMERICAN BIOINFORMATICS MARKET FOR ACADEMICS DURING THE FORECAST PERIOD

Figure 21 APAC TO REGISTER THE HIGHEST GROWTH IN THE BIOINFORMATICS MARKET FOR ANIMAL BIOTECHNOLOGY

Figure 22 NORTH AMERICA TO DOMINATE THE BIOINFORMATICS MARKET FOR AGRICULTURAL BIOTECHNOLOGY

Figure 23 APAC TO WITNESS HIGHEST GROWTH IN THE BIOINFORMATICS MARKET FOR PEST RESISTANCE DURING THE FORECAST PERIOD

Figure 24 U.S. TO DOMINATE THE ENVIRONMENTAL BIOTECHNOLOGY MARKET IN NORTH AMERICA

Figure 25 NORTH AMERICA TO ACCOUNT FOR THE LARGEST SHARE OF THE FORENSIC BIOTECHNOLOGY MARKET DURING THE FORECAST PERIOD

Figure 26 KNOWLEDGE MANAGEMENT TOOLS WILL DOMINATE THE BIOINFORMATICS PRODUCTS & SERVICES MARKET IN 2016

Figure 27 SPECIALIZED TOOLS TO FORM THE FASTEST-GROWING SEGMENT IN THE KNOWLEDGE MANAGEMENT TOOLS MARKET DURING THE FORECAST PERIOD

Figure 28 ASIA-PACIFIC IS EXPECTED TO BE THE FASTEST-GROWING MARKET FOR SEQUENCE ANALYSIS PLATFORMS DURING THE FORECAST PERIOD

Figure 29 NORTH AMERICA IS EXPECTED TO DOMINATE THE SEQUENCING SERVICES MARKET DURING THE FORECAST PERIOD

Figure 30 GENOMICS SEGMENT TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

Figure 31 NORTH AMERICA TO ACCOUNT FOR THE LARGEST SHARE OF THE GENOMICS MARKET DURING THE FORECAST PERIOD

Figure 32 U.S. TO ACCOUNT FOR THE LARGEST SHARE OF THE NORTH AMERICAN CHEMOINFORMATICS AND DRUG DESIGN MARKET

Figure 33 NORTH AMERICA IS EXPECTED TO LEAD THE PROTEOMICS MARKET DURING THE FORECAST PERIOD

Figure 34 NORTH AMERICA TO ACCOUNT FOR THE LARGEST SHARE OF THE TRANSCRIPTOMICS MARKET DURING THE FORECAST PERIOD

Figure 35 NORTH AMERICA TO COMMAND THE LARGEST SHARE OF THE MOLECULAR PHYLOGENETICS MARKET DURING THE FORECAST PERIOD

Figure 36 GEOGRAPHIC SNAPSHOT: ASIA-PACIFIC PROJECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 37 NORTH AMERICA TO DOMINATE THE BIOINFORMATICS MARKET DURING THE FORECAST PERIOD

Figure 38 NORTH AMERICA: BIOINFORMATICS MARKET SNAPSHOT

Figure 39 ASIA-PACIFIC: BIOINFORMATICS MARKET SNAPSHOT

Figure 40 COMPANIES MAJORLY PURSUED THE STRATEGY OF PRODUCT LAUNCHES FROM 2013 TO SEPTEMBER 2016

Figure 41 GEOGRAPHIC REVENUE MIX OF THE PROMINENT PLAYERS IN THE BIOINFORMATICS MARKET

Figure 42 ILLUMINA, INC.: COMPANY SNAPSHOT

Figure 43 THERMO FISHER SCIENTIFIC INC.: COMPANY SNAPSHOT

Figure 44 QIAGEN N.V.: COMPANY SNAPSHOT

Figure 45 AGILENT TECHNOLOGIES: COMPANY SNAPSHOT

Figure 46 PERKINELMER, INC.: COMPANY SNAPSHOT

Figure 47 WATERS CORPORATION: COMPANY SNAPSHOT

I would like to order

Product name: Bioinformatics Market by Sector (Molecular Medicine, Agriculture, Forensic, Animal, Research & Gene Therapy), Product (Sequencing Platforms, Knowledge Management & Data Analysis) & Application (Genomics, Proteomics & Metabolomics) - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/BEC96829D45EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/BEC96829D45EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970