

# GLOBAL BIOINFORMATICS MARKET FORECAST 2017-2025

<https://marketpublishers.com/r/G6DF9F0BBCAEN.html>

Date: July 2017

Pages: 159

Price: US\$ 2,500.00 (Single User License)

ID: G6DF9F0BBCAEN

## Abstracts

### KEY FINDINGS

The Global Bioinformatics market is anticipated to grow at a CAGR of 25.45% over the forecast period of 2016 – 2025. The market revenue is also expected to rise from \$12465 million in 2016 to \$95365 million by 2025. The fact that bioinformatics has emerged as a key tool for drug discovery processes due to its high throughput screening, aided by recent advancements in proteomics and genomics, is majorly responsible for driving the global market. The various initiatives undertaken by the government coupled with the developments in IT sector are propelling the market growth.

### MARKET INSIGHTS

The market is mainly segmented into service, market by products and market by application. These three applications are further sub-segmented into other various applications. The Genomics application which involves analysis of a complex set of genes, their expressions, and the subsequent role played in biology is anticipated to dominate the Global Bioinformatics market by growing at a faster CAGR of 32.50% during the forecast period. The transcriptomic and metabolomics markets are also predicted to grow at a CAGR of 22% and 26% respectively. The Bioinformatics platforms market that comprises of sequence analysis, sequence alignment, structural analysis, sequence manipulation and other platforms is expected to lead the Global Bioinformatics Market in terms of Product and Services with a CAGR of 28.93%. The molecular medicine held the highest market share of 30.36% in terms of products in 2016. But, it is the preventive medicine product sector that is expected to grow at a faster CAGR of 26.22% during the forecasted period

## REGIONAL INSIGHTS

The Asian bioinformatics market is estimated to grow at a CAGR of 24.84% owing to the emerging markets like China and India in this region and is anticipated to generate a net worth of \$12895 Million by 2025. The European countries like Germany and U.K. have a huge bioinformatics market which is stimulated by the continuous R&D activities in the region initiated by the European government. The market is expected to generate \$30897 million by the end of the forecast period. However, it is the North American market that is anticipated to hold the largest share by the year 2025 by exhibiting the fastest CAGR growth of 27.46%. The rest of the world bioinformatics market consists of regions like North Africa and South Africa, the Middle East and Latin America. The bioinformatics market is expected to show a steady growth in these regions because of the growing bioinformatics platforms stimulated by proteomics and genomic growth.

## COMPETITIVE INSIGHTS

The Qiagen Company provides over 500 consumable products as well as a number of instrument solutions to fully automate the processing of almost all Qiagen biological materials used for sample preparation and their subsequent analysis in the field of molecular biology. Affymetrix Inc is another such company that offers life science products for the applications of genotyping and gene expression. Some of the other prominent players include Illumina Inc, Waters Corporation, Agilent Technologies, Inc, Thermo Fisher Scientific Inc., Sencel bioinformatics, S.A.F.A.N. Bioinformatics SAS, Biovia, Regeneron Pharmaceuticals, Biomax Informatics AG, Qiagen n.v., Inc, Geneva Bioinformatics SA, and Noray bioinformatics SLU.

## Contents

### **1. RESEARCH SCOPE**

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

### **2. RESEARCH METHODOLOGY**

- 2.1. SOURCES OF DATA
  - 2.1.1. SECONDARY DATA
  - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION

### **3. EXECUTIVE SUMMARY**

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
  - 3.2.1. NORTH AMERICA IS THE LARGEST BIOINFORMATICS MARKET
  - 3.2.2. PREVENTIVE MEDICINE ARE GROWING AT A FASTER RATE
  - 3.2.3. GENOMICS APPLICATION HOLDS THE LARGEST MARKET SHARE
  - 3.2.4. SEQUENCE MANIPULATION IS THE FASTEST GROWING BIOINFORMATICS PLATFORM

### **4. MARKET DETERMINANTS**

- 4.1. DRIVERS
  - 4.1.1. BIOINFORMATICS HAS EMERGED AS A KEY TOOL FOR DRUG DISCOVERY PROCESS
  - 4.1.2. BIOINFORMATICS PLAYS A MAJOR ROLE IN BIO MARKER DISCOVERY TO DEVELOP BENIGN DRUGS
  - 4.1.3. HIGH THROUGHPUT SCREENING
  - 4.1.4. ADVANCEMENT IN GENOMICS & PROTEOMICS
  - 4.1.5. GOVERNMENT INITIATIVES & IT DEVELOPMENT
- 4.2. RESTRAINTS

- 4.2.1. ABSENCE OF COMMON DATA FORMAT
- 4.2.2. SATURATED PHARMACEUTICAL MARKET
- 4.3. OPPORTUNITIES
  - 4.3.1. NEED FOR INTEGRATED SOLUTIONS
  - 4.3.2. NOVEL RESEARCH FIELD: CHEMOGENOMICS
- 4.4. CHALLENGES
  - 4.4.1. DATA INUNDATION
  - 4.4.2. LACK OF KNOWLEDGE MANAGEMENT
  - 4.4.3. MANAGEMENT OF THE EXPERIMENTAL

## **5. MARKET SEGMENTATION**

- 5.1. MARKET BY PRODUCTS AND SERVICES 2017-2025
  - 5.1.1. BIOINFORMATICS PLATFORMS
    - 5.1.1.1. SEQUENCE ANALYSIS PLATFORMS
      - 5.1.1.1.1. DNA SEQUENCE ANALYSIS PLATFORMS
        - 5.1.1.1.1.1. SEARCH TOOLS
        - 5.1.1.1.1.2. ALIGN SEQUENCES
        - 5.1.1.1.1.3. RESTRICTION, DETECT REPEATS, & UNUSUAL PATTERNS
        - 5.1.1.1.1.4. OTHER PLATFORMS
      - 5.1.1.1.2. ANALYZE AND MODEL 3D STRUCTURE
        - 5.1.1.1.2.1. 3D ANALYSIS & VIEWERS
        - 5.1.1.1.2.2. HOMOLOGY MODELING
      - 5.1.1.1.3. ASSIGNMENT OF PROTEIN FUNCTION
        - 5.1.1.1.3.1. PROTEIN-PROTEIN INTERACTIONS & PROTEIN ANNOTATION
        - 5.1.1.1.3.2. SEARCH PATTERN, MOTIF, PROFILES DOMAINS, FAMILIES
        - 5.1.1.1.3.3. PATHWAYS ANALYSIS & COMPUTATION
        - 5.1.1.1.3.4. NEW SEQUENCE ALERT
      - 5.1.1.1.4. RNA ANALYSIS PLATFORM
      - 5.1.1.1.5. MICROARRAY DATA ANALYSIS
      - 5.1.1.1.6. PHYLOGENETIC ANALYSIS
        - 5.1.1.1.6.1. MULTIPLE SEQUENCE ALIGNMENT
        - 5.1.1.1.6.2. ORGANISM CLASSIFICATION
    - 5.1.1.2. SEQUENCE ALIGNMENT PLATFORMS
      - 5.1.1.2.1. SEQUENCE ANALYSIS (ALIGNMENT)
        - 5.1.1.2.1.1. MULTIPLE SEQUENCE ALIGNMENT
        - 5.1.1.2.1.2. PHYLOGENETIC TREE BUILDING
        - 5.1.1.2.1.3. CONSENSUS SEQUENCE & TRANSLATION
      - 5.1.1.2.2. LAB END SEQUENCE ANALYSIS

- 5.1.1.2.2.1. PRIMER DESIGN AND CLONING
- 5.1.1.2.2.2. CONTIG ASSEMBLY
- 5.1.1.3. STRUCTURAL ANALYSIS PLATFORMS
  - 5.1.1.3.1. SEQUENCE VISUALIZATION
  - 5.1.1.3.2. PRIMARY SEQUENCE ANALYSIS
  - 5.1.1.3.3. PHYSIOCHEMICAL PROPERTIES & ALIGNMENT PLATFORMS
  - 5.1.1.3.4. SECONDARY STRUCTURE SEQUENCE PREDICTION
- 5.1.1.4. SEQUENCE MANIPULATION PLATFORMS
  - 5.1.1.4.1. SEQUENCE ANALYSIS (SEQUENCE MANIPULATION)
  - 5.1.1.4.2. SEQUENCE FIGURES
- 5.1.1.5. OTHER PLATFORMS
  - 5.1.1.5.1. VISUALIZATION PLATFORMS
  - 5.1.1.5.2. PHYSICAL MAPPING SOFTWARE
- 5.1.2. MARKET BY CONTENT/KNOWLEDGE MANAGEMENT 2017-2025
  - 5.1.2.1. SPECIALIZED KNOWLEDGE MANAGEMENT
    - 5.1.2.1.1. SPECIALIZED SEQUENCE KNOWLEDGE MANAGEMENT
    - 5.1.2.1.2. GENOME KNOWLEDGE MANAGEMENT
    - 5.1.2.1.3. SPECIALIZED PROTEIN KNOWLEDGE MANAGEMENT
    - 5.1.2.1.4. SPECIALIZED STRUCTURAL KNOWLEDGE MANAGEMENT
    - 5.1.2.1.5. MICROARRAY KNOWLEDGE MANAGEMENT
    - 5.1.2.1.6. PATHWAYS KNOWLEDGE MANAGEMENT
    - 5.1.2.1.7. 2D-PAGE KNOWLEDGE MANAGEMENT
  - 5.1.2.2. GENERALIZED KNOWLEDGE MANAGEMENT TOOLS
    - 5.1.2.2.1. PRIMARY SEQUENCE KNOWLEDGE MANAGEMENT
    - 5.1.2.2.2. PROTEIN SEQUENCE KNOWLEDGE MANAGEMENT
    - 5.1.2.2.3. 3D STRUCTURE KNOWLEDGE MANAGEMENT
    - 5.1.2.2.4. CARBOHYDRATE KNOWLEDGE MANAGEMENT
- 5.1.3. MARKET BY SERVICES 2017-2025
  - 5.1.3.1.1. DATA ANALYSIS
    - 5.1.3.1.1.1. GENOMICS & PROTEOMICS DATA ANALYSIS
    - 5.1.3.1.1.2. MICROARRAY DATA ANALYSIS
    - 5.1.3.1.1.3. COMPUTATIONAL SERVICES MARKET
  - 5.1.3.2. SEQUENCING SERVICES
    - 5.1.3.2.1.1. HIGH THROUGHPUT SEQUENCING
    - 5.1.3.2.1.2. MULTIPLE SEQUENCE ALIGNMENT
    - 5.1.3.2.1.3. RE-SEQUENCING
    - 5.1.3.2.1.4. PRIMER WALKING
    - 5.1.3.2.1.5. EXPRESSION PROFILE CLUSTERING
    - 5.1.3.2.1.6. SHOTGUN SEQUENCING

### 5.1.3.3. DATABASE AND MANAGEMENT

#### 5.1.3.3.1. CONCEPTION AND REALIZATION

#### 5.1.3.3.2. DEVELOPMENT OF USER INTERFACE

#### 5.1.3.3.3. MAINTENANCE & BACKUP SYSTEM

#### 5.1.3.3.4. MIGRATION

### 5.1.3.4. OTHER SERVICES

## 5.2. MARKET BY PRODUCTS 2017-2025

### 5.2.1. MOLECULAR MEDICINE

### 5.2.2. PREVENTIVE MEDICINE

### 5.2.3. GENE THERAPY

### 5.2.4. DRUG DEVELOPMENT

#### 5.2.4.1. VIRTUAL HIGH THROUGHPUT SCREENING

#### 5.2.4.2. SEQUENCE ANALYSIS

#### 5.2.4.3. SIMILARITY SEARCHES

#### 5.2.4.4. DRUG LEAD OPTIMIZATION

#### 5.2.4.5. PHYSICOCHEMICAL MODELING

#### 5.2.4.6. DRUG BIOAVAILABILITY AND BIOACTIVITY

### 5.2.5. OTHER APPLICATION MARKETS

#### 5.2.5.1. ANTIBIOTIC RESISTANCE

#### 5.2.5.2. WASTE CLEANUP

#### 5.2.5.3. FORENSIC ANALYSIS OF MICROBES

#### 5.2.5.4. BIO-WEAPON CREATION

#### 5.2.5.5. EVOLUTIONARY STUDIES

#### 5.2.5.6. NATURAL QUALITY IMPROVEMENT

#### 5.2.5.7. DEVELOPMENT OF DROUGHT RESISTANCE VARIETIES

#### 5.2.5.8. VETERINARY SCIENCE

## 5.3. MARKET BY APPLICATIONS 2017-2025

### 5.3.1. GENOMICS

### 5.3.2. PROTEOMICS

### 5.3.3. CHEMOINFORMATICS AND DRUG DESIGN

### 5.3.4. TRANSCRIPTOMICS

### 5.3.5. METABOLOMICS

### 5.3.6. MOLECULAR PHYLOGENETICS

## 6. KEY ANALYTICAS

### 6.1. PORTER'S 5 FORCES ANALYSIS

#### 6.1.1. BARGAINING POWER OF SUPPLIERS

#### 6.1.2. BARGAINING POWER OF BUYERS

- 6.1.3. THREAT OF SUBSTITUTES
- 6.1.4. THREAT OF NEW ENTRANTS
- 6.1.5. THREAT OF RIVALRY
- 6.2. VALUE CHAIN ANALYSIS
- 6.3. OPPORTUNITY MATRIX
- 6.4. VENDORS LANDSCAPE

## **7. GEOGRAPHICAL ANALYSIS**

- 7.1. NORTH AMERICA
  - 7.1.1. USA
  - 7.1.2. CANADA
- 7.2. EUROPE
  - 7.2.1. UNITED KINGDOM
  - 7.2.2. FRANCE
  - 7.2.3. GERMANY
  - 7.2.4. SPAIN
  - 7.2.5. ITALY
  - 7.2.6. REST OF EUROPE
- 7.3. ASIA
  - 7.3.1. INDIA
  - 7.3.2. CHINA
  - 7.3.3. JAPAN
  - 7.3.4. REST OF APAC
  - 7.3.5. REST OF THE WORLD

## **8. COMPANY PROFILES**

- 8.1. AFFYMETRIX, INC.
- 8.2. AGILENT TECHNOLOGIES, INC.
- 8.3. BIOMAX INFORMATICS AG
- 8.4. BIOVIA
- 8.5. CLC BIO AS
- 8.6. GENEVA BIOINFORMATICS SA
- 8.7. ILLUMINA, INC.
- 8.8. NORAY BIOINFORMATICS SLU
- 8.9. PERKINELMER CHEMAGEN TECHNOLOGIE GMBH
- 8.10. QIAGEN N.V.
- 8.11. REGENERON PHARMACEUTICALS, INC.

- 8.12. S.A.F.A.N. BIOINFORMATICS SAS
- 8.13. SENCEL BIOINFORMATICS AS
- 8.14. THERMO FISHER SCIENTIFIC INC.
- 8.15. WATERS CORPORATION

## **TABLE LIST**

- TABLE 1 GLOBAL BIOINFORMATICS MARKET BY REGION 2017-2025 (\$ MILLION)
- TABLE 2 GLOBAL BIOINFORMATICS MARKET BY PRODUCTS AND SERVICES 2017-2025 (\$ MILLION)
- TABLE 3 GLOBAL BIOINFORMATICS MARKET, BY PLATFORMS 2017-2025 (\$MILLION)
- TABLE 4 GLOBAL BIOINFORMATICS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 5 GLOBAL SEQUENCE ANALYSIS MARKET, BY PLATFORMS 2017-2025 (\$MILLION)
- TABLE 6 GLOBAL SEQUENCE ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 7 GLOBAL DNA SEQUENCE ANALYSIS MARKET, BY PLATFORMS 2017-2025 (\$MILLION)
- TABLE 8 GLOBAL DNA SEQUENCE ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 9 GLOBAL SEARCH TOOLS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 10 GLOBAL ALIGN SEQUENCES PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 11 GLOBAL RESTRICTION, DETECT REPEATS, & UNUSUAL PATTERNS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 12 GLOBAL ANALYZE & MODEL 3D STRUCTURE MARKET, BY PLATFORMS 2017-2025 (\$MILLION)
- TABLE 13 GLOBAL ANALYZE & MODEL 3D STRUCTURE PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 14 GLOBAL 3D ANALYSIS & VIEWERS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 15 GLOBAL HOMOLOGY MODELING PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- TABLE 16 GLOBAL PROTEIN FUNCTION ASSIGNMENT MARKET, BY PLATFORMS 2017-2025 (\$MILLION)
- TABLE 17 GLOBAL PROTEIN FUNCTION ASSIGNMENT PLATFORMS MARKET, BY



GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 18 GLOBAL PROTEIN-PROTEIN INTERACTION & PROTEIN ANNOTATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 19 GLOBAL SEARCH PATTERN, MOTIF, PROFILES DOMAINS, FAMILIES PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 20 GLOBAL PATHWAYS ANALYSIS & COMPUTATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 21 GLOBAL NEW SEQUENCE ALERT PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 22 GLOBAL RNA ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 23 GLOBAL MICROARRAY DATA ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 24 GLOBAL PHYLOGENETIC ANALYSIS MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 25 GLOBAL PHYLOGENETIC ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 26 GLOBAL MULTIPLE SEQUENCE ALIGNMENT PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 27 GLOBAL ORGANISM CLASSIFICATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 28 GLOBAL SEQUENCE ALIGNMENT MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 29 GLOBAL SEQUENCE ALIGNMENT PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 30 GLOBAL SEQUENCE ANALYSIS (ALIGNMENT) MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 31 GLOBAL SEQUENCE ANALYSIS (ALIGNMENT) PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 32 GLOBAL MULTIPLE SEQUENCE ALIGNMENT PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 33 GLOBAL PHYLOGENETIC TREE BUILDING PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 34 GLOBAL CONSENSUS SEQUENCE & TRANSLATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 35 GLOBAL LAB END SEQUENCE ANALYSIS MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 36 GLOBAL LAB END SEQUENCE ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 37 GLOBAL PRIMER DESIGN & CLONING PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 38 GLOBAL CONTIG ASSEMBLY PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 39 GLOBAL STRUCTURAL ANALYSIS MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 40 GLOBAL STRUCTURAL ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 41 GLOBAL SEQUENCE VISUALIZATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 42 GLOBAL PRIMARY SEQUENCE ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 43 GLOBAL PHYSIOCHEMICAL PROPERTIES & ALIGNMENT PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 44 GLOBAL SECONDARY STRUCTURE SEQUENCE PREDICTION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 45 GLOBAL SEQUENCE MANIPULATION MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 46 GLOBAL SEQUENCE MANIPULATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 47 GLOBAL SEQUENCE ANALYSIS (SEQUENCE MANIPULATION) PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 48 GLOBAL SEQUENCE FIGURES PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 49 GLOBAL RANDOM SEQUENCES & FORMAT CONVERSION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 50 GLOBAL OTHER MARKET, BY PLATFORMS 2017-2025 (\$MILLION)

TABLE 51 GLOBAL OTHER PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 52 GLOBAL VISUALIZATION PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 53 GLOBAL PHYSICAL MAPPING SOFTWARE PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 54 GLOBAL CONTENT/KNOWLEDGE MANAGEMENT TOOLS MARKET, 2017-2025 (\$MILLION)

TABLE 55 GLOBAL CONTENT/KNOWLEDGE MANAGEMENT TOOLS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 56 GLOBAL SPECIALIZED KNOWLEDGE MANAGEMENT MARKET 2007-2014 (\$MILLION)

TABLE 57 GLOBAL SPECIALIZED KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 58 GLOBAL SPECIALIZED SEQUENCE KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 59 GLOBAL GENOME KNOWLEDGE MANAGEMENT MARKET 2017-2025 (\$MILLION)

TABLE 60 GLOBAL GENOME KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 61 GLOBAL COLLECTIONS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 62 GLOBAL MODEL ORGANISM KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 63 GLOBAL SPECIALIZED PROTEIN KNOWLEDGE MANAGEMENT MARKET 2017-2025 (\$MILLION)

TABLE 64 GLOBAL SPECIALIZED PROTEIN KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 65 GLOBAL PROTEOME KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 66 GLOBAL PROTEIN CLASSIFICATION KNOWLEDGE MANAGEMENT TOOLS MARKET, BY GEOGRAPHY 2017-2025(\$MILLION)

TABLE 67 GLOBAL SPECIFIC PROTEIN FAMILY KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025(\$MILLION)

TABLE 68 GLOBAL SPECIALIZED STRUCTURE KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025(\$MILLION)

TABLE 69 GLOBAL MICROARRAY KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 70 GLOBAL PATHWAY KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 71 GLOBAL 2D-PAGE KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 72 GLOBAL GENERALIZED KNOWLEDGE MANAGEMENT MARKET 2017-2025 (\$MILLION)

TABLE 73 GLOBAL GENERALIZED KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 74 GLOBAL PRIMARY SEQUENCE KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 75 GLOBAL PROTEIN SEQUENCE KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 76 GLOBAL 3D STRUCTURE KNOWLEDGE MANAGEMENT MARKET, BY

GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 77 GLOBAL CARBOHYDRATE KNOWLEDGE MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 78 GLOBAL BIOINFORMATICS SERVICES MARKET 2017-2025 (\$MILLION)

TABLE 79 GLOBAL BIOINFORMATICS SERVICES MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 80 GLOBAL DATA ANALYSIS MARKET 2017-2025 (\$MILLION)

TABLE 81 GLOBAL DATA ANALYSIS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 82 GLOBAL GENOMICS & PROTEOMICS DATA ANALYSIS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 83 GLOBAL MICROARRAY DATA ANALYSIS SERVICE MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 84 GLOBAL COMPUTATIONAL SERVICE MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 85 GLOBAL SEQUENCING SERVICES MARKET 2017-2025 (\$MILLION)

TABLE 86 GLOBAL SEQUENCING SERVICES MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 87 GLOBAL HIGH THROUGHPUT SEQUENCING SERVICE MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 88 GLOBAL MULTIPLE SEQUENCE ALIGNMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 89 GLOBAL RE-SEQUENCING MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 90 GLOBAL PRIMER WALKING MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 91 GLOBAL EXPRESSION PROFILE CLUSTERING & SEQUENCE PATTERN MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 92 GLOBAL SHOTGUN SEQUENCING MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 93 GLOBAL DATABASE & MANAGEMENT MARKET 2017-2025 (\$MILLION)

TABLE 94 GLOBAL DATABASE & MANAGEMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 95 GLOBAL CONCEPTION & REALIZATION MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 96 GLOBAL USER INTERFACE DEVELOPMENT MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 97 GLOBAL MAINTENANCE & BACKUP SYSTEM MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 98 GLOBAL MIGRATION MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 99 GLOBAL OTHER SERVICES MARKET 2017-2025 (\$MILLION)

TABLE 100 GLOBAL OTHER SERVICES MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

TABLE 101 GLOBAL BIOINFORMATICS PRODUCTS MARKET 2017-2025 (\$MILLION)

TABLE 102 GLOBAL MOLECULAR MEDICINE MARKET, BY SEGMENTS 2017-2025 (\$MILLION)

TABLE 103 GLOBAL GENE THERAPY MARKET, BY THERAPIES 2017-2025 (\$MILLION)

TABLE 104 GLOBAL GENE THERAPY MARKET 2017-2025 (\$MILLION)

TABLE 105 GLOBAL DRUG DEVELOPMENT MARKET, BY SEGMENTS 2017-2025 (\$MILLION)

TABLE 106 GLOBAL OTHER APPLICATIONS MARKET, BY PRODUCTS 2017-2025 (\$MILLION)

TABLE 107 GLOBAL BIOINFORMATICS MARKET BY APPLICATION 2017-2025 (\$ MILLION)

TABLE 108 GLOBAL BIOINFORMATICS MARKET, BY REGION 2017-2025 (\$MILLION)

TABLE 109 NORTH AMERICA BIOINFORMATICS MARKET 2017-2025 (\$MILLION)

TABLE 110 EUROPE BIOINFORMATICS MARKET 2017-2025 (\$MILLION)

TABLE 111 ASIA PACIFIC BIOINFORMATICS MARKET 2017-2025 (\$MILLION)

TABLE 112 REST OF THE WORLD BIOINFORMATICS MARKET 2017-2025 (\$MILLION)

FIGURES LIST

FIGURE 1 GLOBAL BIOINFORMATICS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 2 GLOBAL SEQUENCE ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 3 GLOBAL DNA SEQUENCE ANALYSIS PLATFORMS MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

FIGURE 4 GLOBAL ANALYZE & MODEL 3D STRUCTURE PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 5 GLOBAL PROTEIN FUNCTION ASSIGNMENT PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 6 GLOBAL PROTEIN-PROTEIN INTERACTION & PROTEIN ANNOTATION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 7 GLOBAL SEARCH PATTERN, MOTIF, PROFILES DOMAINS, FAMILIES PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 8 GLOBAL PATHWAYS ANALYSIS & COMPUTATION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 9 GLOBAL NEW SEQUENCE ALERT PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 10 GLOBAL RNA ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 11 GLOBAL MICROARRAY DATA ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 12 GLOBAL PHYLOGENETIC ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 13 GLOBAL MULTIPLE SEQUENCE ALIGNMENT PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 14 GLOBAL ORGANISM CLASSIFICATION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 15 GLOBAL SEQUENCE ALIGNMENT PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 16 GLOBAL SEQUENCE ANALYSIS (ALIGNMENT) PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 17 GLOBAL LAB END SEQUENCE ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 18 GLOBAL STRUCTURAL ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 19 GLOBAL SEQUENCE VISUALIZATION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 20 GLOBAL PRIMARY SEQUENCE ANALYSIS PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 21 GLOBAL PHYSIOCHEMICAL PROPERTIES & ALIGNMENT PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 22 GLOBAL SECONDARY STRUCTURE SEQUENCE PREDICTION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 23 GLOBAL SEQUENCE MANIPULATION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 24 GLOBAL SEQUENCE ANALYSIS (SEQUENCE MANIPULATION) PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 25 GLOBAL SEQUENCE FIGURES PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 26 GLOBAL OTHER PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 27 GLOBAL VISUALIZATION PLATFORMS MARKET 2017-2025 (\$MILLION)

FIGURE 28 GLOBAL CONTENT/KNOWLEDGE MANAGEMENT TOOLS MARKET 2017-2025 (\$MILLION)

FIGURE 29 GLOBAL SPECIALIZED KNOWLEDGE MANAGEMENT MARKET  
2017-2025 (\$MILLION)

FIGURE 30 GLOBAL SPECIALIZED SEQUENCE KNOWLEDGE MANAGEMENT  
MARKET 2017-2025 (\$MILLION)

FIGURE 31 GLOBAL GENOME KNOWLEDGE MANAGEMENT MARKET 2017-2025  
(\$MILLION)

FIGURE 32 GLOBAL SPECIALIZED PROTEIN KNOWLEDGE MANAGEMENT  
MARKET 2017-2025 (\$MILLION)

FIGURE 33 GLOBAL SPECIALIZED STRUCTURE KNOWLEDGE MANAGEMENT  
MARKET 2017-2025(\$MILLION)

FIGURE 34 GLOBAL MICROARRAY KNOWLEDGE MANAGEMENT MARKET  
2017-2025 (\$MILLION)

FIGURE 35 GLOBAL PATHWAY KNOWLEDGE MANAGEMENT MARKET 2017-2025  
(\$MILLION)

FIGURE 36 GLOBAL 2D-PAGE KNOWLEDGE MANAGEMENT MARKET 2017-2025  
(\$MILLION)

FIGURE 37 GLOBAL GENERALIZED KNOWLEDGE MANAGEMENT MARKET  
2017-2025 (\$MILLION)

FIGURE 38 GLOBAL PRIMARY SEQUENCE KNOWLEDGE MANAGEMENT MARKET  
2017-2025 (\$MILLION)

FIGURE 39 GLOBAL PROTEIN SEQUENCE KNOWLEDGE MANAGEMENT  
MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)

FIGURE 40 GLOBAL 3D STRUCTURE KNOWLEDGE MANAGEMENT MARKET, BY  
GEOGRAPHY 2017-2025 (\$MILLION)

FIGURE 41 GLOBAL CARBOHYDRATE KNOWLEDGE MANAGEMENT MARKET, BY  
GEOGRAPHY 2017-2025 (\$MILLION)

FIGURE 42 GLOBAL BIOINFORMATICS SERVICES MARKET 2017-2025 (\$MILLION)

FIGURE 43 GLOBAL DATA ANALYSIS MARKET 2017-2025 (\$MILLION)

FIGURE 44 GLOBAL GENOMICS & PROTEOMICS DATA ANALYSIS MARKET  
2017-2025 (\$MILLION)

FIGURE 45 GLOBAL MICROARRAY DATA ANALYSIS SERVICE MARKET 2017-2025  
(\$MILLION)

FIGURE 46 GLOBAL COMPUTATIONAL SERVICE MARKET 2017-2025 (\$MILLION)

FIGURE 47 GLOBAL SEQUENCING SERVICES MARKET 2017-2025 (\$MILLION)

FIGURE 48 GLOBAL HIGH THROUGHPUT SEQUENCING SERVICE MARKET  
2017-2025 (\$MILLION)

FIGURE 49 GLOBAL MULTIPLE SEQUENCE ALIGNMENT MARKET, BY  
GEOGRAPHY 2017-2025 (\$MILLION)

FIGURE 50 GLOBAL RE-SEQUENCING MARKET 2017-2025 (\$MILLION)

- FIGURE 51 GLOBAL PRIMER WALKING MARKET 2017-2025 (\$MILLION)
- FIGURE 52 GLOBAL EXPRESSION PROFILE CLUSTERING & SEQUENCE PATTERN MARKET 2017-2025 (\$MILLION)
- FIGURE 53 GLOBAL SHOTGUN SEQUENCING MARKET 2017-2025 (\$MILLION)
- FIGURE 54 GLOBAL CONCEPTION & REALIZATION MARKET 2017-2025 (\$MILLION)
- FIGURE 55 GLOBAL MAINTENANCE & BACKUP SYSTEM MARKET 2017-2025 (\$MILLION)
- FIGURE 56 GLOBAL MIGRATION MARKET, BY GEOGRAPHY 2017-2025 (\$MILLION)
- FIGURE 57 GLOBAL OTHER SERVICES MARKET 2017-2025 (\$MILLION)
- FIGURE 58 GLOBAL BIOINFORMATICS PRODUCTS MARKET 2017-2025 (\$MILLION)
- FIGURE 59 GLOBAL MOLECULAR MEDICINE MARKET 2017-2025 (\$MILLION)
- FIGURE 60 GLOBAL PREVENTIVE MEDICINE MARKET, BY SEGMENTS 2017-2025 (\$MILLION)
- FIGURE 61 GLOBAL DRUG DEVELOPMENT MARKET, BY SEGMENTS 2017-2025 (\$MILLION)
- FIGURE 62 GLOBAL VIRTUAL HIGH THROUGHPUT SCREENING 2017-2025 (\$MILLION)
- FIGURE 63 GLOBAL SEQUENCE ANALYSIS 2017-2025 (\$MILLION)
- FIGURE 64 GLOBAL SIMILARITY SEARCHES 2017-2025 (\$MILLION)
- FIGURE 65 GLOBAL DRUG LEAD OPTIMIZATION 2017-2025 (\$MILLION)
- FIGURE 66 GLOBAL PHYSIOCHEMICAL MODELING 2017-2025 (\$MILLION)
- FIGURE 67 GLOBAL DRUG BIOAVAILABILITY AND BIOACTIVITY 2017-2025 (\$MILLION)
- FIGURE 68 GLOBAL OTHER APPLICATIONS MARKET 2017-2025 (\$MILLION)
- FIGURE 69 GLOBAL ANTIBIOTIC RESISTANCE MARKET 2017-2025 (\$MILLION)
- FIGURE 70 GLOBAL WASTE CLEANUP MARKET 2017-2025 (\$MILLION)
- FIGURE 71 GLOBAL FORENSIC ANALYSIS OF MICROBES MARKET 2017-2025 (\$MILLION)
- FIGURE 72 GLOBAL BIO-WEAPON CREATION MARKET 2017-2025 (\$MILLION)
- FIGURE 73 GLOBAL EVOLUTIONARY STUDIES MARKET 2017-2025 (\$MILLION)
- FIGURE 74 GLOBAL NATURAL QUALITY IMPROVEMENT MARKET 2017-2025 (\$MILLION)
- FIGURE 75 GLOBAL DEVELOPMENT OF DROUGHT RESISTANCE VARIETIES MARKET 2017-2025 (\$MILLION)
- FIGURE 76 GLOBAL VETERINARY SCIENCE MARKET 2017-2025 (\$MILLION)
- FIGURE 77 GLOBAL GENOMICS MARKET 2017-2025 (\$MILLION)



FIGURE 78 GLOBAL PROTEOMICS MARKET 2017-2025 (\$MILLION)  
FIGURE 79 GLOBAL CHEMOINFORMATICS AND DRUG DESIGN MARKET  
2017-2025 (\$MILLION)  
FIGURE 80 GLOBAL TRANSCRIPTOMICS MARKET 2017-2025 (\$MILLION)  
FIGURE 81 GLOBAL METABOLOMICS MARKET 2017-2025 (\$MILLION)  
FIGURE 82 GLOBAL MOLECULAR PHYLOGENETICS MARKET 2017-2025  
(\$MILLION)  
FIGURE 83 NORTH AMERICA BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 84 U.S.A. BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 85 CANADA BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 86 EUROPE BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 87 UNITED KINGDOM BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 88 FRANCE BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 89 GERMANY BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 90 SPAIN BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 91 ITALY BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 92 REST OF EUROPE BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 93 ASIA PACIFIC BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 94 INDIA BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 95 CHINA BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 96 JAPAN BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 97 REST OF APAC BIOINFORMATICS MARKET 2017-2025 (\$MILLION)  
FIGURE 98 REST OF THE WORLD BIOINFORMATICS MARKET 2017-2025  
(\$MILLION)

## I would like to order

Product name: GLOBAL BIOINFORMATICS MARKET FORECAST 2017-2025

Product link: <https://marketpublishers.com/r/G6DF9F0BBCAEN.html>

Price: US\$ 2,500.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6DF9F0BBCAEN.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