

BIOINFORMATICS – A GLOBAL MARKET OVERVIEW

Summary

At the beginning of the “genomic revolution”, Bioinformatics was applied in creating and maintaining a database that stored biological information, such as nucleotide and amino acid sequences. Development of this type of database involved not only design issues but also the development of complex interfaces, whereby researchers could access existing data, in addition to submitting new or revised data.

Market for Bioinformatics product categories analyzed in this study includes Bioinformatics Content, Bioinformatics Analysis Software & Services and Bioinformatics IT Infrastructure & Other Services. The report also includes the market analysis for end-use application analysis of Bioinformatics – Biopharma & Diagnostics, Genomics, Agriculture, Chemicals and Environmental & Other. The report analyses the market in terms of USD Million. Growing at a CAGR of 18.3% during the period 2007-2017, Global market for Bioinformatics is projected to reach \$7.6 billion by 2017. The market for 2011 is estimated at about \$2.4 billion.

The report reviews, analyses and projects the Bioinformatics market for global and the regional markets including the United States, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 5 independent countries across Europe –France, Germany, the United Kingdom and Rest of Europe; Asia-Pacific – India, Japan and Rest of Asia-Pacific.

This 264 page global market report includes 109 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of the market. The statistical tables represent the data for the global market by geographic region, product category and application area. The brief business profiles of 57 key global players and 76 major players across the United States – 40; Europe – 23; Asia-Pacific – 10; and Rest of World – 3 are included in the report. The report also provides the listing of the companies engaged in research and development, equipment manufacturing, processing, supplies and distribution of Bioinformatics. The global list covers the addresses, contact numbers and the website addresses of 473 companies.

For More information <http://industry-experts.com/verticals/biotechnology/bioinformatics-a-global-market-overview.html>

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Today's Scenario of New and Reemerging Infectious Diseases and Increasing Antibiotic Resistance

The Emerging Science of Clinical Bioinformatics and the Role of JCBi

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Accelrys, Inc

Affymetrix, Inc.

Agilent Technologies, Inc

Amgen, Inc

Applied Biosystems Inc

Applied Biosystems Ltd.

Astrazeneca Plc

Australian Genome Research Facility

Bayer Cropscience AG

Beckman Coulter, Inc

Becton Dickinson India Pvt. Ltd

Becton, Dickinson And Company

Biodiscovery, Inc

Biomatters Ltd.

Biomax Informatics AG

Bio-Rad Laboratories, Inc.

BMI Biomedical Informatics

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Boehringer Ingelheim GmbH	Beckman Coulter to be Acquired by Danaher
Caliber Technologies Pvt. Ltd	Partek and Life Technologies in Collaboration
Caliper Life Sciences, Inc.	Spain's CNIO and The Server Labs Team Up to Test Out Cloud (Taken from Trends)
C-DAC: Centre for Development of Advanced Computing	EnSpire® Multimode Plate Reader with Label-Free Detection Technology for Drug Discovery Research from Perkin Elmer
Celera Genomics Group	Novartis in Agreement to Acquire Genoptix
CLC BIO A/S	PerkinElmer Introduces Next Generation DNA Sequencing and Analysis Services
Decode Genetics	Intrepid Bioinformatics' Web-based SNP Chip Data Management System
Eli Lilly and Company	Affymetrix Introduces Axiom™ Array Solution
GE Healthcare	Integromics Bioinformatics Software to Assist in Genome Profiling
Gene Logic, Inc	Caliper Launches LabChip® Dx for Molecular Diagnostics
Genedata AG	Pfizer Animal Health Acquires Synbiotics Corporation
Genego	Thermo Fisher Scientific Acquires Lomb Scientific
Geneva Bioinformatics (Genebio) SA	Dionex Corporation to be Acquired by Thermo Fisher
Genologics Life Sciences Software, Inc	Merck to Take Over SmartCells, Inc
Glaxosmithkline Plc	sanofi-aventis Acquires Worldwide Rights on Drug-Delivery Technology in Diabetes and Related Disorders from Ascendis Pharma
GVK Biosciences	Bioinformatics Analysis Software Launched by Integromics
HCL Technologies Limited	Thomson Reuters Completes Acquisition of GeneGo
Hewlett-Packard Company	GeneSpring GX 11.5 Multi-Omics Bioinformatics System from Agilent Makes its Debut
IBM Life Sciences	GeneGo's MetaCore and Agilent's GeneSpring Bioinformatics Solution Integrated
Infometrix, Inc	Avid Radiopharmaceuticals to be Acquired by Lilly
Johnson & Johnson	Pfizer to Use Biovista's Bioinformatics Platform
Kinexus Bioinformatics Corporation	Bioinformatics Tools for miRNA, mRNA Analysis Using LNA-Based Assays from Exiqon
Merck & Co Inc	Pfizer Acquires FoldRx
Millennium Pharmaceuticals Inc	VaxDesign to be Taken Over by Sanofi Pasteur
Myriad Genetics Inc	Merck, BGI Sign Statement of Intent
Novartis AG	PerkinElmer Acquires VisEn Medical, Inc
Perkinelmer, Inc	Lilly Acquires Alnara Pharmaceuticals
Pfizer Inc	Thermo Fisher Acquires Fermentas
Quantiom Bioinformatics GmbH & Co. Kg	IBM, University of Missouri Partner on Genomics Research Initiative
Ranbaxy Laboratories Limited	TargeGen Inc to be Acquired by sanofi-aventis
Reliance Life Sciences	PerkinElmer's Prenatal BACs-on-Beads™ Assay Launched in Europe
Roche Diagnostics Corporation	Roche's 454 Life Sciences Launches Next-Generation DNA Sequencer
Roche Holding AG	Affymetrix's Axiom Genome-Wide ASI Array for East Asian Populations
Sanofi-Aventis	Thermo Fisher Takes Over Proxeon
Swiss Institute of Bioinformatics	PerkinElmer to Acquire Signature Genomic Laboratories, LLC
Thermo Fisher Scientific Inc	Affymetrix, The Jackson Laboratory Debut First Genotyping Tool for Studying Mouse Strain Diversity
Tibco Spotfire	Affymetrix Introduces GeneAtlas™ Personal Microarray System for Whole-Genome Gene Expression
Tripos International	Thermo Fisher Acquires Ahura Scientific
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CCCB Opts for CLC bio's Enterprise Platform for Next Generation Sequence Analysis	
Agilent Technologies Acquires BIOCIUS Life Sciences	
Pfizer Acquires King Pharmaceuticals	
Affymetrix Introduces Next-Generation microRNA Solution	
Fujifilm to Take Over Merck Biomanufacturing Network	
Almac Launches Bioinformatics Consultancy	
PerkinElmer Completes Acquisition of chemagen Biopolymer-Technologie AG	
AB SCIEX and Geneva Bioinformatics Enter Into Partnership	
BD to Take Over Accuri Cytometers	

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Announcing Investments for Bioinformatics
454 Life Sciences Introduces REM e System
Abbott to Take Over STARLIMS Technologies Ltd
Living Image 4.0 Software for IVIS® In Vivo Imaging Systems from Caliper
BD Acquires HandyLab, Inc
Thermo Fisher Takes Over B.R.A.H.M.S.
Abbott to Take Over Solvay Pharmaceuticals Business
PerkinElmer Acquires SYM-BIO Lifescience
Bayer CropScience Takes Over Athenix Corp.
Johnson & Johnson Acquires Cougar Biotechnology
PerkinElmer Takes Over Analytica of Branford, Inc
Beckman Coulter Acquires Olympus Corporation's Lab-Based Diagnostics Business
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Affymetrix, Inc.
Agilent Technologies, Inc
Amgen, Inc
Applied Biosystems Inc
Beckman Coulter, Inc
Becton, Dickinson And Company
Biodiscovery, Inc
Bio-Rad Laboratories, Inc.
Bruker Daltonics, Inc
Caliper Life Sciences, Inc.
Celera Genomics Group
DNASTAR, Inc.

Eli Lilly and Company
Gene Logic, Inc
Genego
Genomequest, Inc
Geospiza, Inc
Helicos Biosciences Corporation
Hewlett-Packard Company
IBM Life Sciences
Illumina, Inc
Incyte Corporation
Infometrix, Inc
Invitrogen Corporation
Johnson & Johnson
Merck & Co Inc
Millennium Pharmaceuticals Inc
Myriad Genetics Inc
Perkinelmer, Inc
Pfizer Inc
Premier Biosoft International
Roche Diagnostics Corporation
Silicon Graphics, Inc
The Miraibio Group of Hitachi Solutions America Ltd
Thermo Fisher Scientific Inc
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Astrazeneca Plc (United Kingdom)
Bayer Cropscience AG (Germany)
Biomax Informatics AG (Germany)
Biowisdom Ltd (United Kingdom)
BMI Biomedical Informatics (Germany)
Boehringer Ingelheim GmbH (Germany)
CLC BIO A/S (Denmark)
deCODE Genetics (Iceland)
Epigenomics AG (Germany)

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GE Healthcare (United Kingdom)
Genedata AG (Switzerland)
Geneva Bioinformatics (Genebio) SA (Switzerland)
Glaxosmithkline Plc (United Kingdom)
Inforsense Ltd (United Kingdom)
Lion Bioscience AG (Germany)
Nonlinear Dynamics Limited (United Kingdom)
Novartis AG (Switzerland)
Quantiom Bioinformatics Gmbh & Co. Kg (Germany)
Roche Holding AG (Switzerland)
Sanofi-Aventis (France)
Source Bioscience Lifesciences (United Kingdom)
Swiss Institute Of Bioinformatics (Switzerland)

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Becton Dickinson India Pvt Ltd (India)
Biomatters Ltd. (New Zealand)
Caliber Technologies Pvt Ltd (India)
C-DAC: Centre for Development of Advanced Computing (India)
GVK Biosciences (India)
HCL Technologies Limited (India)
Ocimum Biosolutions Ltd. (India)

Ranbaxy Laboratories Limited (India)
Reliance Life Sciences (India)

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Kinexus Bioinformatics Corporation (Canada)
UBI Life Sciences (Canada)

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