

Personalized Medicine - A Global Market Overview

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Abstracts

Description:

Personalized Medicine can mean a lot of things to a lot of people. For some, it may relate to doctors having knowledge about their case history and the treatment received, which is a morale boosting factor, since everybody wants caregivers who can comprehend an individual's problems. The day is not very far when this level of personal or individual understanding between a patient and a doctor would be much deeper than hitherto anticipated. The coming decade is expected to witness an increase in the use of companion diagnostics and personalized medicines, with pricing incentives and efficiency improvement propelling the market. Current market leaders with diagnostic divisions focusing on biomarker identification would be at an advantage.

This report review, analyze and projects the personalized medicine market for global and the regional markets including the United States, Europe and Rest of World. The market numbers illustrated in this report only represent the market exclusively for the product segments and technologies enunciated above. The market, in this report, does not include the associated hardware equipment or software technologies that are used to manage patient data. The study includes recent and current trends related to technology and the market along with the key industry developments.

The market for personalized medicine product types analyzed in this study includes Targeted Biologics, Proteomics & Genomics, Genetically Modified (GM) Products, Wellness & Disease Management, Other Molecular Diagnostics and Self/Other Diagnostics. The report also includes the market analysis for application technologies of personalized medicine – Pharmacogenomics, Point-of-Care Testing, Stem Cell Therapy, Pharmacoproteomics, Pharmacogenetics and Other Technologies. The report analyses the global market in terms of USD Million.



This 350 page global market report includes 43 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 type and application technology. The report covers the brief business profiles of 56 key global players and 77 major players across the United States – 45; Europe – 24; and Rest of World – 8. The report also provides the listing of the companies engaged in research and development, manufacturing, processing, supplies and distribution of personalized. Also enlisting the academic institutions engages in personalized medicine, the global list covers the addresses, contact numbers and the website addresses of 395 companies.



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2. KEY MARKET TRENDS

Combating Melanoma and Lung Cancer Facilitated Using Novel Personalized Drugs Personalized Medicine for Heart Patients Promised by University of Florida Academic Health Center

Personalized Medicine Integrated with Biosensors

Decade-Long Penn Medicine Study of HIV Patients Demonstrates Safety of Genetically Modified T Cell Therapy

Managing Infectious Diseases Using Point-of-Care Personalized Medicine Molecular Diagnostic Technologies



Introduction

Personalized Medicine and Infectious Diseases: An Unlikely Combination? Universities to be Commended for Bringing Personalized Medicine to Patient Care Nuclear Imaging Market to be Boosted through a Trend towards Personalized Medicine Personalized Medicine for Lung Cancer Makes Progress Micro RNA Denotes Response to Chemoprevention Shorter Survival Predicted from RRM Differentiating Tumor Types through Epigenetic Clues Pharmaceutical and Diagnostic Company Business Models being Challenged by Personalized Medicine Personalized Medicine and Pharmacogenomics: Single Nucleotide Polymorphisms' (SNPs) Role in Drug Therapy Personalization of Medicine and the Role of SNPs The Arrival of Pharmacogenetics and Illustrations of SNPs in Personalized Medicine Personalized Medicine's Drawbacks in the Context of Genetic Discrimination Personalized Medicine's Promise of Offering the Future Now The Course of Advancements in Cancers Live Healthy to Make a Difference Personalized Medicine in Cancer Hits a Roadblock Implications of Personalized Medicine for Pharmaceutical Manufacturers and Drug **Development** Implications of Personalized Medicine What Should Drug Developers Do Is Drug Safety Capable of Being Improved through Personalized Medicine? Personalized Medicine: A SWOT Analysis for Pharmacists Strengths Weaknesses Opportunities Threats Genetic Testing for Identifying and Treating Specific Disorders The Scientific and Commercial Facets of Personalized Medicine Prevention and Treatment of Diabetes with Personalized Medicine Medical Informatics and Personalized Medicine Personalized Medicine for Treating Asthma Personalized Medicine and Systems Engineering The Evolving Role of CROs in Personalized Medicine Personalized Medicine Being Guided by Stem Cell Therapies Device Manufacturers Offered Better Prospects from the Trend Towards Personalized

Medicine



3. KEY GLOBAL PLAYERS

4. KEY BUSINESS TRENDS

Lilly Partners with PrimeraDX for Novel Personalized Therapeutics Sanofi Joins with Joslin Diabetes Center to Develop New Drugs New Personalized Medicine Center to be Opened by PerkinElmer Roche Signs Strategic Pact with Med Fusion Agendia Introduces a New 18-Gene Expression Signature Affymetrix Enters Research Collaboration with MGH Affymetrix Signs Research Contract with Leica Millennium Labs Launches Innovative Pharmacogenetic Test Genedata Expressionist Opted for by Takeda Boehringer Ingelheim and Healthrageous in an Agreement Merck KGaA and MDxHealth Form Collaboration FDA Approves Colorectal Cancer Companion Diagnostic from Qiagen KineMed Collaborates with GSK for Biomarker Discovery bioTheranostics Expands PR?CIS Biomarker Profiles Quest Introduces New Molecular Test Panel Biocartis Collaborates with Philips and Wellcome Trust Agreement Signed between Immunexpress, Debiopharm, and Biocartis Lab21 Sings Pact with Major Pharma Company to Develop Companion Diagnostic Assay Clarient Acquires IP Rights for Developing ALK Biomarker Genetic Tests from Insight Genetics Exosome Signs and Life Technologies Sign an Agreement NextGen Commercializes Assay for New Diagnostics Biomarkers in Brain Disorders Sanofi Collaborates with Joslin Diabetes Center Perjeta[™] (Pertuzumab) for People with HER2-Positive Metastatic Breast Cancer Granted FDA Approval Software Re-enlisted by Roche for Personalized Medicine Research Teva All Set to Enter Personalized Medicine Field Personalized Medicine Test for ADHD Launched by AssureRx Health XALKORI® Launched in Canada by Pfizer Abbott Acquires License for Novel Biomarkers from Stanford **GE Bags SegWright** PerkinElmer Unveils HER2Sense for Breast Cancer Research Celgene Files FDA Application for Multiple Myeloma Drug



Takeda and Metabolon in a Partnership Biomed Analytics Platform Tested by IBM in Association with Italian Institute Abbott Joins Hands with Merck to Develop Companion Diagnostic Test Chronix Biomedical Inaugurates State-of-the-Art Mass Sequencing Laboratory for Personal Biomarkers Personalized Medicine Offered by IBM Genomic Analytics Platform Clinical Genomics Centre Launched in USA by Lab21 and ITOR GlaxoSmithKline and Epistem in an Agreement Online Personalized Medicine Portal Launched by Cepmed Dako Partners with Amgen to Develop Companion Diagnostic Test for Investigational Cancer Therapy Personalized Medicine Partnership of Florida is to be Created China's SFDA Approves First Microarray Instrument GCS 3000Dx v.2 Health Canada Approves First and Only Personalized Treatment for Deadliest Form of Skin Cancer New Personalized Medicine Institute Launched by Moffitt Cancer Centre Roche Bags EU Approval for Zelboraf Amgen and Dako in an Alliance for Developing New Diagnostic Test for Cancer Therapy Siemens Enters Personalized Medicine Field Ventana Medical and Bayer Joins Forces to Develop Companion Diagnostic Test AssureRx Launches GeneSightRx 1.8 bioTheranostics Unveils Precision Medicine Biomarkers Identification of DNA Variants for Personalized Medicine Research by Ingenuity Genzyme and Veracyte in an Agreement **OvaGene Joins Forces with Moffitt Cancer Center** GlaxoSmithKline and Abbott in Agreement to Expand Personalized Medicine for Cancer Diagnostic Siemens and Illumina in a Partnership Pfizer's Xalkori and Abbott Demonstrate a Bright Scope in Personalized Medicine, **Companion Diagnostics** GNS Healthcare Collaborates with Bristol-Myers Squibb Genetically Modified Human Cell Lines for Breast Cancer Research from Sigma® Life Science **Coriell Partners with IBM** QIAGEN Agrees to Acquire 61% Stake in Ipsogen Joint Development of Biomarkers in Oncology by Roche and Evotec Innovative COX-2 Probe Launched by Caliper Life Sciences Caliper and Catholic Health Initiatives form Oncology Research Collaboration



Novel Patient-Specific Drug Targets Identified by GNS Healthcare and Biogen Daiichi Sankyo Takes Over Plexxikon Collaboration between Ipsen SA and BioMerieux SA in Personalized Medicine AstraZeneca and HealthCore Form Collaboration Minority Stake in Alacris Theranostics acquired by QIAGEN GenomeQuest and Ingenuity Systems Form Partnership Veridex and Massachusetts General Hospital Form Collaboration Development of Personalized Medicine Further Accelerated with the Partnership between Dako and Quintiles First Pharmacogenomics Test Launched by Luminex Corp. for Personalized Medicine Integration of Software between Ingenuity Systems and TransMed to Support Personalized Medicine Research Advancement of Personalized Medicine with the Launch of New Multiplex Tissue Biomarker Technology Personalized Medicine Brought to Market by Iris Biotechnologies

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Luminex Corporation Millennium Laboratories Myriad Genetics, Inc. PerkinElmer, Inc. Pfizer Inc Promega Corporation Roche Diagnostics Corporation Siemens Healthcare Diagnostics Inc. Sigma-Aldrich Corporation Thermo Fisher Scientific Inc Ventana Medical Systems, Inc.

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Siemens Healthcare (Germany)

The European Personalised Medicine Association (EPEMED) (Luxembourg)

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Cepmed (Canada)
Daiichi Sankyo Company Limited (Japan)
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