

# BIOREPOSITORIES

APPLICATIONS - TECHNOLOGIES - EQUIPMENTS - OWNERSHIP AND END-USERS



## AN ANALYTICAL REPORT, (2009-2015)

CURRENT TRENDS, ESTIMATES AND FORECASTS

PUBLICATION: NOVEMBER 2011

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### Report Highlights

- LATEST MARKET TRENDS
- REGION-WISE DEMAND FACTOR
- KEY GROWTH AREAS
- MARKET SIZES
- KEY COMPETITORS EDGE
- INVESTMENT STRATEGIES
- GLOBAL BIOREPOSITORIES INDUSTRY OVERVIEW

### Geographic Coverage

- NORTH AMERICA
- EUROPE
- ASIA-PACIFIC &
- REST OF WORLD



*"Learn High Potential Market Dynamics for Strategic Business Planning"*

## BIOREPOSITORIES / BIOBANKING SEGMENTATION

### Equipments

- **Bio-Freezers**
  - Liquid Nitrogen Tanks (LN2)
  - Ultra Low Temperature Freezers
  - Biomedical Freezers
  - Mechanical Freezers
  - Cryogenic Freezers
  - Dry Freezers
  - Auto-Cascade Freezers
  - Others
- **Bio-Refrigerators**
  - Blood Bank Refrigerators
  - Biomedical Refrigerators
  - Laboratory Refrigerators
  - Undercounter Refrigerators
  - Others
- **Laboratory Information Management Systems (LIMS)**
- **Reagents & Consumables**<sup>1</sup>
- **Others**

### Applications

- Stem Cells
- Blood Products
- Human<sup>2</sup>
- Veterinary
- **Advanced Applications**
  - Genomics<sup>3</sup>
  - Drug Discovery
  - Forensics
- Others

### Technologies

- Biomarkers
- Radio Frequency Identification (RFID) & Tagging
- Automated Liquid Handling
- Biospecimen Dry-State Storing
- Safety and Quality Control Measures & Services
- Others

### Bio-Banks

- Private Banks<sup>4</sup>
  - Disease-Based Banks
  - Population-Based Banks<sup>4</sup>
  - Academics<sup>5</sup>
- Public Banks
  - Disease-Based Banks
  - Population-Based Banks<sup>4</sup>
  - Academics<sup>5</sup>

### End-Users

- Pharmaceuticals<sup>7</sup>
- Biotechnology
- Personal Care
- Food and Beverage
- Petrochemicals
- Others<sup>8</sup>

1. **Reagents & Consumables Includes:** Research Reagents, Vials, Bags, Tubes, Caps, Bottles, Racks, Plates, Microplates, Stain Cards, Boxes, Glass Ampules & Others
2. **Human Includes:** Tissue Sections, Brain, Liver, Eyes, Heart, Kidney and Others
3. **Genomics Includes:** DNA, RNA, Protein Extraction, Molecular Derivatives, Cell Cultures, Microarrays, Cytogenetics, etc.) &
4. **Population-Based Banks Includes:** Newborns, Adults or Pregnant Women and Others
5. **Academics Includes:** Medical Institutions, Research and Forensics
6. **Private Banks Includes:** Hospitals, Biotechnology & Pharmaceutical Companies, Diagnostics, Transplantation and Biobank Storage Companies
7. **Pharmaceuticals Includes:** Biomarkers, Drug Discovery, Therapeutics, Clinical Trials and R&D
8. **Other End-Users Markets Includes:** Contract Services, Process Chemicals and Others

## REPORT FOCUS

The 'Biorepositories: Equipments, Applications, Technologies, Ownership And End-Users - An Analytical Report, 2009-2015' reviews the latest trends in biobanking sector with a perceptive to disclose the near-future growth prospects in. An in-depth analysis across the geographic regions provides strategic business intelligence for life science and as well as healthcare sector investments. The study offers profitable investment strategies for R&D organizations, pharmaceutical manufacturers, biotechnology companies, laboratories, Contract Research Organizations (CROs) and many more in preferred locations.



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## BIOREPOSITORIES / BIOBANKING GLOBAL MARKET WATCH:

With a CAGR of 7.9%, global market value for biorepositories market is anticipated to be worth US\$23.9 billion by 2015. On a global scale, North America accounts for more than 30% of the market. While US accounts for the highest share of the global market value on a country basis, India and China surpasses the US in terms of growth rate anticipated in the near future and leads the world. Bio-freezers indicate nearly 7.5% CAGR during the period 2009-2015, and claim approximately 30% of the market. Share of stem cells market in Biorepositories is forecasted to become nearly 30% by 2015, with a massive CAGR of 18.7%. Among the technologies used, biomarkers accounts for the largest share of nearly 40% and is fastest growing market. Private Banks are forecasted to be the fastest growing markets over the Public Banks. Pharmaceuticals account for the largest share of the entire market, driving a CAGR of 8.5% during the analysis period 2009-2015. Biotechnology sees as the fastest growing end-user with a forecast of US\$4.9 billion by 2015, with a CAGR of 9.2%.

## KEY COMPANY PROFILES

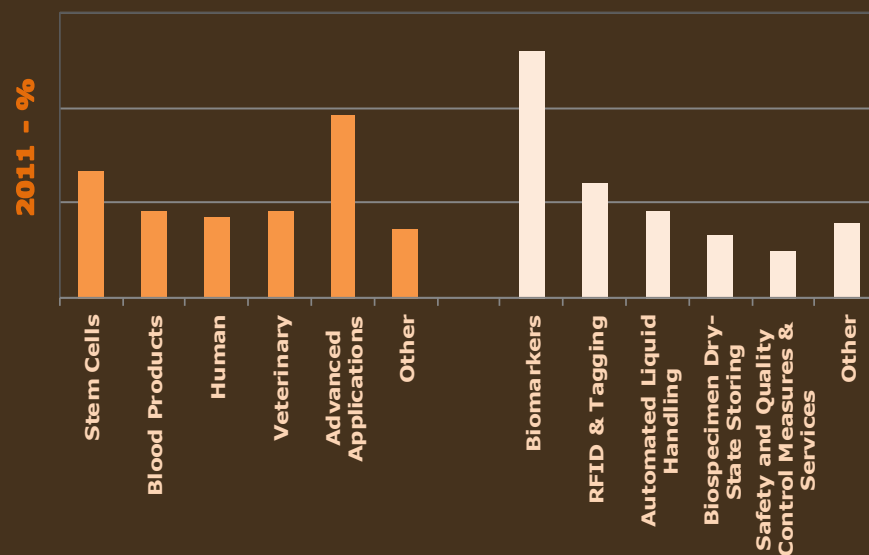
- THERMO FISHER SCIENTIFIC
- SANYO BIOMEDICAL
- NEW BRUNSWICK SCIENTIFIC
- LABVANTAGE SOLUTIONS, INC.
- LABWARE, INC.
- STARLIMS CORPORATION
- GENVAULT CORPORATION
- QIAGEN
- TECAN
- BECKMAN COULTER
- ATGC LABS
- DATAWORKS DEVELOPMENT, INC.
- BIOSTORAGE TECHNOLOGIES, INC.
- PACIFIC BIO-MATERIAL MANAGEMENT, INC.
- PROMEDDX, LLC
- SEQRWRIGHT DNA TECHNOLOGY SERVICES
- STEELGATE, INC.
- WHEATON
- VIVAKOR, INC
- NOVARE BIOLOGISTICS

& many more....

## BIOREPOSITORIES - 2011

### APPLICATION-%

### TECHNOLOGIES-%



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## GEOGRAPHIC COVERAGE

Estimates are based on online surveys using customized questionnaires by our research team. Besides information from government databases, company websites, press releases and published research reports are also used for estimates. Estimates have incorporated recessionary impact on the industry. The analysis is based on desk research and interviews with biobank researchers and law/ethics specialists, as well as on data collected through the survey, and discussions with experts.

The report focuses on the current market trends, estimates and forecasts for the period 2009-2015. More than 1100 in biorepositories market and 120 leading market players that project improved market activities in the near future are profiled. The report consists of 662 data charts describing the market shares, sales forecasts and growth prospects. Moreover, key strategic activities in the market including mergers/acquisitions, collaborations/partnerships, product launches/developments are discussed which gives a deep insight into the growth perspectives of the market.

The region-wise distribution of the market consists of North America, Europe, Asia-Pacific and Rest of World with 22 countries, analyzed individually as follows:

### NORTH AMERICA

USA  
CANADA &  
MEXICO

### EUROPE

BELGIUM  
DENMARK  
FRANCE  
GERMANY  
GREECE  
ITALY  
SPAIN  
SWEDEN  
UNITED KINGDOM &  
REST OF EUROPE<sup>1</sup>

### ASIA-PACIFIC

AUSTRALIA  
CHINA  
INDIA  
JAPAN  
SOUTH KOREA &  
REST OF ASIA-PACIFIC<sup>2</sup>

### REST OF THE WORLD

ARGENTINA  
BRAZIL  
COLUMBIA  
MIDDLE EAST  
SOUTH AFRICA &  
REST OF REST OF WORLD

1. Rest of Europe Includes Austria, Poland, Russia, Switzerland, Finland, The Netherlands, Hungary and Others.

2. Rest of Asia-Pacific Includes Hong Kong, New Zealand, Singapore, Taiwan, Thailand and Others.

## KEY INDUSTRY ACTIVITIES

- ARGENTA AND BIOFOCUS EXTEND DRUG DISCOVERY COLLABORATION WITH GENENTECH
- THERMO FISHER SCIENTIFIC LAUNCHES HYPERSEP™ SLE SAMPLE PREPARATION OPTION
- SEWARD STOMACHER® 400 CIRCULATOR FOR E.COLI 0157 FOOD SAFETY STUDY
- PORVAIR SCIENCES - SPECIALISTS IN CUSTOM MANUFACTURE OF MICROPLATES
- THERMO FISHER SCIENTIFIC LAUNCHES HISTOSTAR EMBEDDING SYSTEM
- COTI-2 - A MILESTONE FOR CRITICAL OUTCOME TECHNOLOGIES
- STRATOPHASE'S OPTICAL BIODETECTOR TO DETECT RICIN AND ANTHRAX TOXIN IN TESTS
- IMPACT OF PRODUCT RESISTANCE ON PRIMARY FREEZE DRYING
- INTEGRA ENLIGHTENS USE OF VIAFLO 96\* AND VIAFLO VOYAGER\*\*
- GENEVAC LAUNCHES HT SERIES II SOLVENT EVAPORATORS
- ENCAP DRUG DELIVERY LAUNCHES COLON-SCREEN
- BOEHRINGER INGELHEIM SIGNS LICENSING AGREEMENT FOR PROBIOGEN'S GLYMAXX® TECHNOLOGY
- APCETH OBTAINS MANUFACTURER'S LICENSE FOR SOMATIC CELL THERAPY

& many more.....



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