Global drug discovery informatics market is anticipated to reach USD 6,548.1 million by 2022. Ongoing improvement in computational technology is anticipated to drive the adoption of in-silico therapeutic product discovery models thus, influencing sector progress over the forecast period.

Drug discovery informatics industry is estimated to witness lucrative growth over the forecast period majorly due to, the rising number of technologically advanced products in the field of drug development. Significant shift observed from traditional in-vitro drug development to computer aided drug designing, as costly failures of late drug development increases the use of in-silico models for early ADME/Toxicity screening is anticipated to propel progress in this sector.

Furthermore, R&D carried out in the field of information technology for the facilitation of analytics and visualization applications that enable data aggregation and processing is attributive for driving growth in this market through to 2022.

Further key findings from the report suggest:

Discovery informatics dominated accounting for the largest share of the market in 2014 owing to presence of substantial number of in-silico tools and databases in this segment, which aid the process of lead identification and validation.

Development informatics is anticipated to witness substantial progress in the coming years because of upcoming development in the sub segments that involve clinical trial data management services and softwares.

As per the mode of informatics solutions, outsourced informatics accounted for a large share in 2014 because of the high capital costs associated with in-house services for drug discovery IT solutions. Furthermore, with the rise in collaborations and lead compound discovery projects between IT market participants and pharmaceutical companies, outsourced services are expected to continue to register lucrative demand in the coming years.

Sequence analysis based informatics was the largest service segment in 2014 and is expected to maintain its dominance through to 2022. High R&D investment for genomic sequencing as this being the initial step for target as well as lead identification is expected to support in projected progress. Moreover, enhancement in NGS technology coupled with growing adoption rate due to reduction in cost of sequencing per base pair are prime factors responsible in driving demand for NGS sequence analysis technology solutions thus impacting segment growth positively.

North America accounted for the largest share of revenue generated in 2014. This large share can be attributed by the presence of an enhanced technological framework, high R&D investment in information technology, growing adoption of computational novel entities discovery paradigms are the major factors attributive for region's dominant market position.

However, Asia Pacific is projected to register the fastest growth over the forecast period owing to technological developments carried out in the developing economies of this region in order to promote introduction of novel drug targets and chemical entities for reduction of chronic disease burden. Key players operating in this market include GVK Biosciences, Boehringer Ingelheim GmbH, Albany Molecular Research Inc, Certara, Infosys, DiscoverX, Selvita, Jubilant Biosys, Collaborative Drug Discovery Inc., Charles River Laboratories, ChemAxon, and Novo Informatics.

These entities are involved in collaborations with therapeutic product discovery and development laboratories, clinical research organizations, academic institutes, pharmaceutical companies, and clinical research institutes in order to gain access in the competitive industry.

Contents:

1. Methodology and Scope
   1.1. Research Methodology
   1.2. Research Scope & Assumptions
   1.3. List of Data Sources

2. Executive Summary
3. Drug Discovery Informatics Industry Outlook
   3.1. Market Segmentation
   3.2. Market Size and Growth Prospects
      3.2.1. Market Driver Analysis
      3.2.2. Market Restraint Analysis
   3.3. Drug discovery informatics Market Dynamics
   3.4. Key Opportunities Prioritized, 2014
   3.5. Industry Analysis - Porter’s
   3.6. Drug discovery informatics Market PESTEL Analysis

4. Drug Discovery Informatics Outlook, by Workflow
   4.1. Discovery Informatics
      4.1.2. Identification & Validation Informatics Assay Development Informatics
         4.1.2.1. Identification & Validation Informatics Assay Development Informatics Market Estimates and
            Forecasts, 2012 - 2022 (USD Million)
      4.1.3. Lead Generation Informatics
         4.1.3.1. Lead Generation Informatics Market Estimates and Forecasts, 2012 - 2022 (USD Million)
   4.2. Development Informatics
      4.2.2. Lead Optimization
         4.2.2.1. Lead Optimization Market Estimates and Forecasts, 2012 - 2022 (USD Million)
      4.2.3. FHD Preparation
         4.2.3.1. FHD Preparation Market Estimates and Forecasts, 2012 - 2022 (USD Million)
      4.2.4. Phase IA Informatics
         4.2.4.1. Phase IA Informatics Market Estimates and Forecasts, 2012 - 2022 (USD Million)
      4.2.5. Phase IB/2 Informatics
         4.2.5.1. Phase IB/2 Informatics Market Estimates and Forecasts, 2012 - 2022 (USD Million)

5. Drug Discovery Informatics Outlook, By Mode
   5.1. In-house Informatics
      5.1.1. In-house Informatics Market Estimates and Forecasts, 2012 - 2022 (USD Million)
   5.2. Outsourced Informatics

6. Drug Discovery Informatics Outlook, By Services
   6.1. Molecular Modeling
   6.2. Sequence Analysis Platforms
   6.3. Docking
   6.4. Clinical Trial Data Management
   6.5. Other Services
      6.5.1. Other Services Market Estimates and Forecasts, 2012 - 2022 (USD Million)

7. Drug discovery informatics Regional Outlook (Revenue, USD Million, 2012 - 2022)
   7.1. North America
      7.1.1. U.S.
         7.1.1.2. U.S. drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
      7.1.2. Canada
         7.1.2.1. Canadian drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
         7.1.2.2. Canadian drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
         7.1.2.3. Canadian drug discovery informatics market, by services, 2012 - 2022 (USD Million)
   7.2. Europe
      7.2.1. Germany
         7.2.1.1. German drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
         7.2.1.2. German drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
         7.2.1.3. German drug discovery informatics market, by services, 2012 - 2022 (USD Million)
### 7.2.2. UK
- 7.2.2.1. UK drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
- 7.2.2.2. UK drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
- 7.2.2.3. UK drug discovery informatics market, by services, 2012 - 2022 (USD Million)

### 7.3. Asia Pacific
#### 7.3.1. China
- 7.3.1.1. China drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
- 7.3.1.2. China drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
- 7.3.1.3. China drug discovery informatics market, by services, 2012 - 2022 (USD Million)

#### 7.3.2. Japan
- 7.3.2.1. Japan drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
- 7.3.2.2. Japan drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
- 7.3.2.3. Japan drug discovery informatics market, by services, 2012 - 2022 (USD Million)

### 7.4. Latin America
#### 7.4.1. Brazil
- 7.4.1.1. Brazil drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
- 7.4.1.2. Brazil drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
- 7.4.1.3. Brazil drug discovery informatics market, by services, 2012 - 2022 (USD Million)

### 7.5. MEA
#### 7.5.1. South Africa
- 7.5.1.1. South Africa drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
- 7.5.1.2. South Africa drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
- 7.5.1.3. South Africa drug discovery informatics market, by services, 2012 - 2022 (USD Million)

### 8. Competitive Landscape
#### 8.1. ChemAxon
- 8.1.1. Company Overview
- 8.1.2. Revenue Analysis
- 8.1.3. Product Benchmarking
- 8.1.4. Strategic Development

#### 8.2. GVK Biosciences
- 8.2.1. Company Overview
- 8.2.2. Revenue Analysis
- 8.2.3. Product Benchmarking
- 8.2.4. Strategic Development

#### 8.3. Jubilant Biosys
- 8.3.1. Company Overview
- 8.3.2. Revenue Analysis
- 8.3.3. Product Benchmarking
- 8.3.4. Strategic Development

#### 8.4. Selvita
- 8.4.1. Company Overview
- 8.4.2. Revenue Analysis
- 8.4.3. Product Benchmarking
- 8.4.4. Strategic Development

#### 8.5. Certara
- 8.5.1. Company Overview
- 8.5.2. Revenue Analysis
- 8.5.3. Product Benchmarking
- 8.5.4. Strategic Development

#### 8.6. Infosys
- 8.6.1. Company Overview
- 8.6.2. Revenue Analysis
- 8.6.3. Product Benchmarking
- 8.6.4. Strategic Development

#### 8.7. Albany Molecular Research Inc.
- 8.7.1. Company Overview
- 8.7.2. Revenue Analysis
- 8.7.3. Product Benchmarking
- 8.7.4. Strategic Development

#### 8.8. BoehringerIngelheimGmbH
8.8.3. Product Benchmarking
8.8.4. Strategic Development
8.9. DiscoverX
8.9.1. Company Overview
8.9.2. Revenue Analysis
8.9.3. Product Benchmarking
8.9.4. Strategic Development
8.10. Charles River Laboratories
8.10.1. Company Overview
8.10.2. Revenue Analysis
8.10.3. Product Benchmarking
8.10.4. Strategic Development
8.11. Covance
8.11.1. Company Overview
8.11.2. Revenue Analysis
8.11.3. Product Benchmarking
8.11.4. Strategic Development

List of Tables

2. Global drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
5. Global drug discovery informatics market, by region, 2012 - 2022 (USD Million)
6. Drug discovery informatics - Key market driver analysis
7. Drug discovery informatics - Key market restraint analysis
18. Canada drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
22. Canada drug discovery informatics market, by services, 2012 - 2022 (USD Million)
23. Europe drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
27. Europe drug discovery informatics market, by services, 2012 - 2022 (USD Million)
29. Germany drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
32. UK drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
33. UK drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
34. UK drug discovery informatics market, by services, 2012 - 2022 (USD Million)
35. UK drug discovery informatics market, by region, 2012 - 2022 (USD Million)
36. Asia Pacific drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
37. Asia Pacific drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
38. Asia Pacific drug discovery informatics market, by services, 2012 - 2022 (USD Million)
39. Asia Pacific drug discovery informatics market, by region, 2012 - 2022 (USD Million)
40. Asia Pacific drug discovery informatics market, by services, 2012 - 2022 (USD Million)
41. Asia Pacific drug discovery informatics market, by mode, 2012 - 2022 (USD Million)
42. Asia Pacific drug discovery informatics market, by services, 2012 - 2022 (USD Million)
43. China drug discovery informatics market, by workflow, 2012 - 2022 (USD Million)
List of Figures

1. Drug discovery informatics market segmentation
2. Global drug discovery informatics market, 2012 - 2022 (USD Million)
3. Drug discovery informatics market dynamics
4. Key opportunities prioritized, 2014
5. Drug discovery informatics market - Porter's Analysis
6. Drug discovery informatics market - PESTEL analysis
7. Drug discovery informatics revenue share, by workflow, 2014 & 2022
8. Discovery informatics market, 2012 - 2022 (USD Million)
9. Identification & validation informatics assay development informatics market, 2012 - 2022 (USD Million)
10. Lead generation informatics market, 2012 - 2022 (USD Million)
12. Lead optimization market, 2012 - 2022 (USD Million)
13. FHD preparation market, 2012 - 2022 (USD Million)
14. Phase I informatics market, 2012 - 2022 (USD Million)
15. Phase IB/2 informatics market, 2012 - 2022 (USD Million)
17. In-house informatics market, 2012 - 2022 (USD Million)
18. Outsourced informatics market, 2012 - 2022 (USD Million)
20. Sequence analysis platforms market, 2012 - 2022 (USD Million)
22. Docking market, 2012 - 2022 (USD Million)
23. Clinical trial data management market, 2012 - 2022 (USD Million)
24. Other services market, 2012 - 2022 (USD Million)
25. Drug discovery informatics revenue share, by region, 2014 & 2022
28. Canada drug discovery informatics market, 2012 - 2022 (USD Million)
29. Europe drug discovery informatics market, 2012 - 2022 (USD Million)
30. Germany drug discovery informatics market, 2012 - 2022 (USD Million)
31. UK drug discovery informatics market, 2012 - 2022 (USD Million)
32. France drug discovery informatics market, 2012 - 2022 (USD Million)
33. Asia Pacific drug discovery informatics market, 2012 - 2022 (USD Million)
34. China drug discovery informatics market, 2012 - 2022 (USD Million)
35. Japan drug discovery informatics market, 2012 - 2022 (USD Million)
36. Latin America drug discovery informatics market, 2012 - 2022 (USD Million)
37. Brazil drug discovery informatics market, 2012 - 2022 (USD Million)
38. MEA drug discovery informatics market, 2012 - 2022 (USD Million)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3640175/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit

http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Drug Discovery Informatics Market Size & Forecast By Workflow, By Mode, By Services And Trend Analysis From 2012 To 2022
Web Address: http://www.researchandmarkets.com/reports/3640175/
Office Code: SCPL8LWB

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Formats</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 4700</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 8000</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 10500</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

Title:  
First Name:  
Email Address:  
Job Title:  
Organisation:  
Address:  
City:  
Postal / Zip Code:  
Country:  
Phone Number:  
Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World