Global Rat Model Market Research And Analysis, 2015-2021

Description:
Global Rat Model Market is expected to grow at a CAGR 8.8% during 2015-2020. The rising incidence and prevalence rate of CVD, Stroke, Hypertension, CHD, Alzheimer and other heart disease are driving the Rat Model Market. Rats are considered to be a key research tool for basic and applied research in biomedical sciences and expected to grow at a modest rate. Inbred rat model, knockout rat model and hybrid rat model are widely adopted rat model by type. These models enable to translate mechanisms underlying human disease progression and pattern. Rat model are preferred over mice and other related organisms as a result the rat model market looks promising. The physiology of rat model is similar to human as a result it enables the researchers to explore more through research & development of Rat model.

The pivotal factors that are driving the Global Rat Model market includes the wide adoption of personalized medicine, drug discovery & development. Global Rat Model Market is expected to grow significantly due to rise in adoption of incidence and prevalence rate of life style oriented diseases, personalized medicines and preference of rat models over mice and other animals. The results of research & development and enables to come up with new treatment and drugs for cardiovascular, stroke and other fatal diseases. Funding and grants from government and private players are also key factors that are driving the Global Rat Model Market. However, stringent government regulations and FDA vigilance over precise control on use of animals in laboratories, pressure from NGO's and Animal welfare society, ethical laws and concerns over animal testing may affect the growth of Rat model market.

Regional Insights:
Rat models have considerable demand from developed and developing economies such as US, UK, Spain, China, India and Korea. North America generates highest revenues across the globe due to prevalence of CVD, stroke, hypertension, cancer and other heart related diseases followed by Europe. North America has the highest healthcare spending and R&D investments followed by Europe. Untapped APAC region such as China, India, Japan and Korea are the most emerging economies and expected to create huge opportunity for Rat Model market. Improved healthcare spending, infrastructure and favorable government policies are the key factors which are expected to drive the APAC market. The report includes detailed Market Overview, Market Determinants, Company Profiling, Sector Analysis, Market Segmentation, Geographical Analysis, Strategic Recommendations, Key Company Analysis, GAP Analysis, Key Findings, Market Estimations, Market Insights, Analyst Insights and predictive analysis of the market.

The report also covers various factors that influence the market such as the government regulations, drug and device laws and regulations, regulations on clinical trials, government policies and so on are covered at length. Rat Model Market is segmented on the basis of technology, type, application, service and geography.

Competitive Insights:

Market Segmentation:
Global Rat Model Market is segmented on the basis of technology, type, service, application and region. Global Rat Model Market by technology and type has significant contribution in generating huge revenues across the geographies. The Global Rat Model Market by technology includes micro injection, embryonic cell injection, nuclear transferase technology and so on. The rising CVD, Stroke, hypertension, Parkinson & Cancer patients are created huge demand for rat models across the globe.

Contents: 1 Report Summary
1. Research Methods and Tools
1.2. Market Breakdown
1.2.1. by Segments
1.2.2. by Geography
1.2.3. by Stakeholders
1.2.4. Exceptions

2 Market Overview and Insights
2.1. Definition
2.2. Gap Analysis
2.3. Historical Analysis
2.4. Current Market Trends
2.5. Analyst Insight
2.5.1. Key Findings
2.5.2. Recommendation
2.5.3. Conclusion
2.6. Regulation
2.6.1. Regulations on Clinical Trials
2.6.1.1. Fda Regulations
2.6.1.1.1. United States
2.6.1.1.2. European Union
2.6.1.1.3. China
2.6.1.1.4. India
2.6.1.1.5. Rest of the World
2.6.1.2. Government Regulations
2.6.1.2.1. United States
2.6.1.2.2. European Union
2.6.1.2.3. China
2.6.1.2.4. India
2.6.1.2.5. Rest of the World

3 Market Determinant
3.1. Motivators
3.1.1. Rise in Adoption of Personalized Medicines
3.1.2. Rise in Cvd, Cancer & Other Life Style Oriented Diseases Across the Globe
3.1.3. Growth & Advancement in Bioinformatics Market
3.1.4. Fda Approvals Are on Rise and May Attract Other Big Players to Enter Into the Rat Model Market
3.1.5. Variety of Rat Models Available Which Provide Valuable Models for Human Diseases
3.1.6. Technological Advancement in Rat Model
3.1.7. Advancement in Gene Editing Tools
3.1.8. Preference of Rat Models Over Mice and Other Research Animals
3.1.9. Research & Development to Drive the Rat Model Market
3.2. Restraint
3.2.1. Availability of Alternatives and Their Development
3.2.2. Stringent Government Regulations and Ethical Laws Are Still Concern for Global Rat Model Market
3.3. Opportunity
3.3.1. Untapped Apac Region Is Full of Opportunity for Global Rat Model Market
3.3.2. Clinical Trials Are Predicted to Increase in Next Few Years
3.3.3. Grants & Investments Increased Over the Years

4 Parent Market Analysis

5 Market Segmentation
5.1. Global Rat Model Market Research and Analysis, by Technology 2015-2021,($ Millions)
5.1.2. Global Embryonic Stem Cell Injection Market by Product, 2015-2021,($ Millions)
5.1.3. Global Nuclear Transferase Technology Market Research and Analysis, 2015-2021, ($ Millions)
5.1.4. Global Other Market Research and Analysis, 2015-2021, ($ Millions)
5.2. Global Rat Model Market Research and Analysis, by Type, 2015-2021, ($ Millions)
5.2.1. Global Inbred Rats Market Research and Analysis, 2015-2021, ($ Millions)
5.2.2. Global Knockout/Genetically Engineered Rats Market, 2015-2021,($ Millions)
5.2.3. Global Outbred Rats Market Research and Analysis, 2015-2021, ($ Millions)
5.2.4. Global Hybrid/Congenic Rats Market Research and Analysis, 2015-2021, ($ Millions)
5.2.5. Global Conditioned/Surgically Modified Rats Market Research and Analysis, 2015-2021, ($ Millions)
5.2.6. Global Immunodeficient Rats Market Research and Analysis, 2015-2021, ($ Millions)
5.3. Global Rat Model Market Research and Analysis, by Application, 2015-2021, ($ Millions)
  5.3.1. Global Oncology Market Research and Analysis, 2015-2021, ($ Millions)
  5.3.2. Global Diabetes Market Research and Analysis, 2015-2021, ($ Millions)
  5.3.3. Global Immunology and Inflammation Market Research and Analysis, 2015-2021, ($ Millions)
  5.3.4. Global Toxicology Market Research and Analysis, 2015-2021, ($ Millions)
  5.3.5. Global Others Disease Market Research and Analysis, 2015-2021, ($ Millions)
5.4. Global Rat Model Market Research and Analysis, by Service, 2015-2021, ($ Millions)
  5.4.1. Global Genetic Testing Market Research and Analysis, 2015-2021, ($ Millions)
  5.4.2. Global Model in Licensing Market Research and Analysis, 2015-2021, ($ Millions)
  5.4.3. Global Breeding Market Research and Analysis, 2015-2021, ($ Millions)
  5.4.4. Global Rederivation Market Research and Analysis, 2015-2021, ($ Millions)
  5.4.5. Global Cryopreservation Market Research and Analysis, 2015-2021, ($ Millions)
  5.4.6. Global Quarantine Market Research and Analysis, 2015-2021, ($ Millions)
  5.4.7. Global Genetic Testing Market Research and Analysis, 2015-2021, ($ Millions)
5.5. Global Rat Care Products Market Research and Analysis, by Type, 2015-2021, ($ Millions)
  5.5.1. Global Cages Market Research and Analysis, 2015-2021, ($ Millions)
  5.5.2. Global Bedding Market Research and Analysis, 2015-2021, ($ Millions)
  5.5.3. Global Feed Market Research and Analysis, 2015-2021, ($ Millions)
  5.5.4. Global Others Market Research and Analysis, 2015-2021, ($ Millions)

6 Competitive Landscape
6.1. Market Share Analysis
6.2. Key Company Analysis

7 Regional Analysis
  7.1.1. United States Market Research and Analysis, 2015-2021
  7.1.2. Canada Market Research and Analysis, 2015-2021
7.2. European Market Research and Analysis, 2015-2021
  7.2.1. Western Europe Market Research and Analysis, 2015-2021
  7.2.2. ROE Market Research and Analysis, 2015-2021
7.3. Asia Pacific Market Research and Analysis, 2015-2021
  7.3.1. India Market Research and Analysis, 2015-2021
  7.3.2. China Market Research and Analysis, 2015-2021
  7.3.3. Japan Market Research and Analysis, 2015-2021
  7.3.4. Roapac Market Research and Analysis, 2015-2021
7.4. Rest of the World Market Research and Analysis, 2015-2021

8 Company Profiles
8.1. Biomedical Research Models, Inc.
  8.1.1. Introduction
  8.1.2. Biomedical Research Models, Inc. Product Portfolio
  8.1.3. Biomedical Research Models, Inc. Recent Activities
  8.1.4. Biomedical Research Models, Inc. SWOT
8.2. Charles River Laboratories, Inc.
  8.2.1. Introduction
  8.2.2. Charles River Laboratories, Inc.Product Portfolio
  8.2.3. Charles River Laboratories, Inc.Recent Activities
  8.2.4. Charles River Laboratories, Inc.SWOT
8.3. Braintree Scientific Inc.
  8.3.1. Introduction
  8.3.2. Braintree Scientific Inc. Product Portfolio
  8.3.3. Braintree Scientific Inc. Recent Activities
  8.3.4. Braintree Scientific Inc. SWOT
8.4. Covance, Inc.
  8.4.1. Introduction
  8.4.2. Covance, Inc. Product Portfolio
  8.4.3. Covance, Inc. Recent Activities
  8.4.4. Covance, Inc. SWOT
8.5. Creative Animodel
  8.5.1. Introduction
8.18. Transgenic, Inc.

8.18.1. Introduction
8.18.2. Transgenic, Inc. Product Portfolio
8.18.3. Transgenic, Inc. Recent Activities
8.18.4. Transgenic, Inc. SWOT

8.19. Transposagen Biopharmaceuticals, Inc.

8.19.1. Introduction
8.19.2. Transposagen Biopharmaceuticals, Inc. Product Portfolio
8.19.3. Transposagen Biopharmaceuticals, Inc. Recent Activities
8.19.4. Transposagen Biopharmaceuticals, Inc. SWOT

8.20. Transviragen, Inc.

8.20.1. Introduction
8.20.2. Transviragen, Inc. Product Portfolio
8.20.3. Transviragen, Inc. Recent Activities
8.20.4. Transviragen, Inc. SWOT

List of Tables:
Table 1 Global Rat Model Market Research and Analysis, by Technology 2015-2021, ($ Millions)
Table 2 Global Immunohistochemistry Market by Product, 2015-2021, ($ Millions)
Table 3 Global Rat Model Market Research and Analysis, by Technology 2015-2021, ($ Millions)
Table 4 Global Micro Injection Market Research and Analysis, 2015-2021, ($ Millions)
Table 5 Global Embryonic Stem Cell Injection Market by Product, 2015-2021, ($ Millions)
Table 6 Global Nuclear Transferase Technology Market Research and Analysis, 2015-2021, ($ Millions)
Table 7 Global Other Market Research and Analysis, 2015-2021, ($ Millions)
Table 8 Global Rat Model Market Research and Analysis, by Type, 2015-2021, ($ Millions)
Table 9 Global Inbred Rats Market Research and Analysis, 2015-2021, ($ Millions)
Table 10 Global Knockout/Genetically Engineered Rats Market, 2015-2021, ($ Millions)
Table 11 Global Outbred Rats Market Research and Analysis, 2015-2021, ($ Millions)
Table 12 Global Hybrid/Congenic Rats Market Research and Analysis, 2015-2021, ($ Millions)
Table 13 Global Conditioned/Surgically Modified Rats Market Research and Analysis, 2015-2021, ($ Millions)
Table 14 Global Immunodeficient Rats Market Research and Analysis, 2015-2021, ($ Millions)
Table 15 Global Rat Model Market Research and Analysis, by Application, 2015-2021, ($ Millions)
Table 16 Global Oncology Market Research and Analysis, 2015-2021, ($ Millions)
Table 17 Global Diabetes Market Research and Analysis, 2015-2021, ($ Millions)
Table 18 Global Immunology and Inflammation Market Research and Analysis, 2015-2021, ($ Millions)
Table 19 Global Toxicology Market Research and Analysis, 2015-2021, ($ Millions)
Table 20 Global Others Disease Market Research and Analysis, 2015-2021, ($ Millions)
Table 21 Global Rat Model Market Research and Analysis, by Service, 2015-2021, ($ Millions)
Table 22 Global Genetic Testing Market Research and Analysis, 2015-2021, ($ Millions)
Table 23 Global Model in Licensing Market Research and Analysis, 2015-2021, ($ Millions)
Table 24 Global Breeding Market Research and Analysis, 2015-2021, ($ Millions)
Table 25 Global Rederivation Market Research and Analysis, 2015-2021, ($ Millions)
Table 26 Global Cryopreservation Market Research and Analysis, 2015-2021, ($ Millions)
Table 27 Global Quarantine Market Research and Analysis, 2015-2021, ($ Millions)
Table 28 Global Genetic Testing Market Research and Analysis, 2015-2021, ($ Millions)
Table 29 Global Rat Care Products Market Research and Analysis, by Type, 2015-2021, ($ Millions)
Table 30 Global Cages Market Research and Analysis, 2015-2021, ($ Millions)
Table 31 Global Bedding Market Research and Analysis, 2015-2021, ($ Millions)
Table 32 Global Feed Market Research and Analysis, 2015-2021, ($ Millions)
Table 33 Global Others Market Research and Analysis, 2015-2021, ($ Millions)
Table 34 Biomedical Research Models, Inc. Product Portfolio
Table 35 Biomedical Research Models, Inc. Recent Activities
Table 36 Biomedical Research Models, Inc. Swot
Table 37 Charles River Laboratories, Inc Product Portfolio
Table 38 Charles River Laboratories, Inc Recent Activities
Table 39 Charles River Laboratories, Inc Swot
Table 40 Braintree Scientific Inc. Product Portfolio
Table 41 Braintree Scientific Inc. Recent Activities
Table 42 Braintree Scientific Inc. Swot
Table 43 Covance, Inc. Product Portfolio
Table 44 Covance, Inc. Recent Activities
Table 45 Covance, Inc. Swot
Table 46 Creative Animodel Product Portfolio
Table 47 Creative Animodel Recent Activities
Table 48 Creative Animodel Swot
Table 49 Davinci Biomedical Research Products, Inc. Product Portfolio
Table 50 Davinci Biomedical Research Products, Inc. Recent Activities
Table 51 Davinci Biomedical Research Products, Inc. Swot
Table 52 Envigo Product Portfolio
Table 53 Envigo Recent Activities
Table 54 Envigo Swot
Table 55 Genoway Product Portfolio
Table 56 Genoway Recent Activities
Table 57 Genoway Swot
Table 58 Harlan Laboratories, Inc. Product Portfolio
Table 59 Harlan Laboratories, Inc. Recent Activities
Table 60 Harlan Laboratories, Inc. Swot
Table 61 Hilltop Lab Animal Inc. Product Portfolio
Table 62 Hilltop Lab Animal Inc. Recent Activities
Table 63 Hilltop Lab Animal Inc. Swot
Table 64 Ingenious Targeting Laboratory Product Portfolio
Table 65 Ingenious Targeting Laboratory Recent Activities
Table 66 Ingenious Targeting Laboratory Swot
Table 67 Janvier Labs Product Portfolio
Table 68 Janvier Labs Recent Activities
Table 69 Janvier Labs Swot
Table 70 Ozgene Pvt Ltd Product Portfolio
Table 71 Ozgene Pvt Ltd Recent Activities
Table 72 Ozgene Pvt Ltd Swot
Table 73 Sage Labs Product Portfolio
Table 74 Sage Labs Recent Activities
Table 75 Sage Labs Swot
Table 76 Scireq Scientific Respiratory Equipment Inc. Product Portfolio
Table 77 Scireq Scientific Respiratory Equipment Inc. Recent Activities
Table 78 Scireq Scientific Respiratory Equipment Inc. Swot
Table 79 Taconic Biosciences, Inc. Product Portfolio
Table 80 Taconic Biosciences, Inc. Recent Activities
Table 81 Taconic Biosciences, Inc. Swot
Table 82 the Jackson Laboratory Product Portfolio
Table 83 the Jackson Laboratory Recent Activities
Table 84 the Jackson Laboratory Swot
Table 85 Transgenic, Inc. Product Portfolio
Table 86 Transgenic, Inc. Recent Activities
Table 87 Transgenic, Inc. Swot
Table 88 Transposagen Biopharmaceuticals, Inc. Product Portfolio
Table 89 Transposagen Biopharmaceuticals, Inc. Recent Activities
Table 90 Transposagen Biopharmaceuticals, Inc. Swot
Table 91 Transviragen, Inc. Product Portfolio
Table 92 Transviragen, Inc. Recent Activities
Table 93 Transviragen, Inc. Swot

List of Figures:
Figure 1 North American Market Research and Analysis, 2015-2021
Figure 2 United States Market Research and Analysis, 2015-2021
Figure 3 Canada Market Research and Analysis, 2015-2021
Figure 4 European Market Research and Analysis, 2015-2021
Figure 5 Western Europe Market Research and Analysis, 2015-2021
Figure 6 Roe Market Research and Analysis, 2015-2021
Figure 7 Asia Pacific Market Research and Analysis, 2015-2021
Figure 8 India Market Research and Analysis, 2015-2021
Figure 9 China Market Research and Analysis, 2015-2021
Figure 10 Japan Market Research and Analysis, 2015-2021
Figure 11 Ropac Market Research and Analysis, 2015-2021
Figure 12 Rest of the World Market Research and Analysis, 2015-2021
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: Global Rat Model Market Research And Analysis, 2015-2021
Web Address: http://www.researchandmarkets.com/reports/3821005/
Office Code: SC2GKEKA

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

<table>
<thead>
<tr>
<th>Electronic (PDF) - Single User:</th>
<th>USD 3495</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 4495</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  
Mr  
Mrs  
Dr  
Miss  
Ms  
Prof

First Name: __________________________  
Last 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