

Global Rat and Mouse Model Market Size study, by Type (Knockout, Knock-in, Outbred, Inbred, Others), By Technology (Nuclear transferase, Microinjection, Embryonic stem cells, CRISPR/Cas9, Others) By Service (Cryopreservation, Breeding, Rederivation, Genetic testing, Quarantine depending, Others), By Application (Cardiovascular diseases, Genetic diseases, Cancer, Infectious diseases, Transplantation, Toxicology studies, Others), By End-use (Pharmaceutical companies, Academic and research facilities, Biotechnology companies, Contract research & manufacturing organizations) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/GC5B31970EB7EN.html>

Date: January 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GC5B31970EB7EN

Abstracts

Global Rat and Mouse Model Market is valued at approximately USD 1.9 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 5.5 % over the forecast period 2021-2027. Rat and Mouse Model accurately reflects the genetic structure of human population. It is used for the precision of medical approaches and testing of other drugs. The increasing number of research activities in the medical sector has led to the adoption of Rat and Mouse Model across the forecast period. For Instance: according to ifpma.org in 2021, the global pharmaceutical industry's share approximately USD 24 billion in research & development activities. According to the Indian Brand Equity Fund (IBEF) in 2020, Indian pharmaceuticals spend 8- 13 % on research and development activities. Rising adoption of rat & mouse models for the

precision of medicine & pharmaceutical approaches anticipate the growth of Rat and Mouse Model market. Also, with the increasing adoption of rodent models, the adoption & demand for Rat and Mouse Model is likely to increase the market growth during the forecast period. However, ethical values regarding the use of animals for research activities impede the growth of the market over the forecast period of 2021-2027.

The geographical regions considered for the global Rat and Mouse Model market analysis includes Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is deemed as the significant region across the globe in terms of huge market share due to the increasing research and development in the pharmaceutical industry. Whereas, Asia-Pacific is also estimated to attain a maximum growth rate during 2021-2027. Factors such as rising research activities for drug discovery and rising development and increasing adoption of rodent models would create beneficial growth forecasts for the Rat and Mouse Model market across Asia-Pacific region.

Major market players included in this report are:

Charles River Laboratories International, Inc.

The Jackson Laboratory

Laboratory Corporation of America Holdings (Covance)

Perkin Elmer (Horizon Discovery Group plc)

genOway

Envigo

JANVIER LABS

Taconic Biosciences, Inc.

Biomedical Research Models (Biomere)

Transpogen Biopharmaceutical, Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:
By Type:

Knockout
Knock-in
Outbred
Inbred
Others
By Technology:
Nuclear transferase
Microinjection
Embryonic stem cells
CRISPR/Cas9
Others
By Service:
Cryopreservation
Breeding
Rederivation
Genetic testing
Quarantine depending
Others
By Application:
Cardiovascular diseases
Genetic diseases
Cancer
Infectious diseases
Transplantation
Toxicology studies
Others
By End-Use:
Pharmaceutical companies
Academic and research facilities
Biotechnology companies
Contract research & manufacturing organizations

By Region:
North America
U.S.
Canada
Europe
UK
Germany

France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Rat and Mouse Model Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Global Rat and Mouse Model Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Global Rat and Mouse Model Market, by Type, 2019-2027 (USD Billion)
 - 1.2.3. Global Rat and Mouse Model Market, by Technology, 2019-2027 (USD Billion)
 - 1.2.4. Global Rat and Mouse Model Market, by Service, 2019-2027 (USD Billion)
 - 1.2.5. Global Rat and Mouse Model Market, by Application, 2019-2027 (USD Billion)
 - 1.2.6. Global Rat and Mouse Model Market, by End-Use, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL RAT AND MOUSE MODEL MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL RAT AND MOUSE MODEL MARKET DYNAMICS

- 3.1. Rat and Mouse Model Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing number of research activities in medical sector
 - 3.1.1.2. Rising adoption of rat & mouse models for precision medicine & pharmaceutical approaches
 - 3.1.2. Market Challenges
 - 3.1.2.1. Ethical values regarding the use of animals for research activities
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing adoption of rodent models

CHAPTER 4. GLOBAL RAT AND MOUSE MODEL MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL RAT AND MOUSE MODEL MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Rat and Mouse Model Market by Type, Performance - Potential Analysis
- 6.3. Global Rat and Mouse Model Market Estimates & Forecasts by Type, 2018-2027 (USD Billion)
- 6.4. Rat and Mouse Model Market, Sub Segment Analysis
 - 6.4.1. Knockout
 - 6.4.2. Knock-in
 - 6.4.3. Outbred
 - 6.4.4. Inbred
 - 6.4.5. Others

CHAPTER 7. GLOBAL RAT AND MOUSE MODEL MARKET, BY TECHNOLOGY

- 7.1. Market Snapshot

7.2. Global Rat and Mouse Model Market by Technology, Performance - Potential Analysis

7.3. Global Rat and Mouse Model Market Estimates & Forecasts by Technology, 2018-2027 (USD Billion)

7.4. Rat and Mouse Model Market, Sub Segment Analysis

7.4.1. Nuclear transferase

7.4.2. Microinjection

7.4.3. Embryonic stem cells

7.4.4. CRISPR/Cas9

7.4.5. Others

CHAPTER 8. GLOBAL RAT AND MOUSE MODEL MARKET, BY SERVICE

8.1. Market Snapshot

8.2. Global Rat and Mouse Model Market by Service, Performance - Potential Analysis

8.3. Global Rat and Mouse Model Market Estimates & Forecasts by Service, 2018-2027 (USD Billion)

8.4. Rat and Mouse Model Market, Sub Segment Analysis

8.4.1. Cryopreservation

8.4.2. Breeding

8.4.3. Rederivation

8.4.4. Genetic testing

8.4.5. Quarantine depending

8.4.6. Others

CHAPTER 9. GLOBAL RAT AND MOUSE MODEL MARKET, BY APPLICATION

9.1. Market Snapshot

9.2. Global Rat and Mouse Model Market by Application, Performance - Potential Analysis

9.3. Global Rat and Mouse Model Market Estimates & Forecasts by Application, 2018-2027 (USD Billion)

9.4. Rat and Mouse Model Market, Sub Segment Analysis

9.4.1. Cardiovascular diseases

9.4.2. Genetic diseases

9.4.3. Cancer

9.4.4. Infectious diseases

9.4.5. Transplantation

9.4.6. Toxicology studies

9.4.7. Others

CHAPTER 10. GLOBAL RAT AND MOUSE MODEL MARKET, BY END-USE

10.1. Market Snapshot

10.2. Global Rat and Mouse Model Market by End-Use, Performance - Potential Analysis

10.3. Global Rat and Mouse Model Market Estimates & Forecasts by End-Use, 2018-2027 (USD Billion)

10.4. Rat and Mouse Model Market, Sub Segment Analysis

10.4.1. Pharmaceutical companies

10.4.2. Academic and research facilities

10.4.3. Biotechnology companies

10.4.4. Contract research & manufacturing organizations

CHAPTER 11. GLOBAL RAT AND MOUSE MODEL MARKET, REGIONAL ANALYSIS

11.1. Rat and Mouse Model Market, Regional Market Snapshot

11.2. North America Rat and Mouse Model Market

11.2.1. U.S. Rat and Mouse Model Market

11.2.1.1. Type breakdown estimates & forecasts, 2018-2027

11.2.1.2. Technology breakdown estimates & forecasts, 2018-2027

11.2.1.3. Service breakdown estimates & forecasts, 2018-2027

11.2.1.4. Application breakdown estimates & forecasts, 2018-2027

11.2.1.5. End-Use breakdown estimates & forecasts, 2018-2027

11.2.2. Canada Rat and Mouse Model Market

11.3. Europe Rat and Mouse Model Market Snapshot

11.3.1. U.K. Rat and Mouse Model Market

11.3.2. Germany Rat and Mouse Model Market

11.3.3. France Rat and Mouse Model Market

11.3.4. Spain Rat and Mouse Model Market

11.3.5. Italy Rat and Mouse Model Market

11.3.6. Rest of Europe Rat and Mouse Model Market

11.4. Asia-Pacific Rat and Mouse Model Market Snapshot

11.4.1. China Rat and Mouse Model Market

11.4.2. India Rat and Mouse Model Market

11.4.3. Japan Rat and Mouse Model Market

11.4.4. Australia Rat and Mouse Model Market

- 11.4.5. South Korea Rat and Mouse Model Market
- 11.4.6. Rest of Asia Pacific Rat and Mouse Model Market
- 11.5. Latin America Rat and Mouse Model Market Snapshot
 - 11.5.1. Brazil Rat and Mouse Model Market
 - 11.5.2. Mexico Rat and Mouse Model Market
- 11.6. Rest of The World Rat and Mouse Model Market

CHAPTER 12. COMPETITIVE INTELLIGENCE

- 12.1. Top Market Strategies
- 12.2. Company Profiles
 - 12.2.1. Charles River Laboratories International, Inc.
 - 12.2.1.1. Key Information
 - 12.2.1.2. Overview
 - 12.2.1.3. Financial (Subject to Data Availability)
 - 12.2.1.4. Product Summary
 - 12.2.1.5. Recent Developments
 - 12.2.2. The Jackson Laboratory
 - 12.2.3. Laboratory Corporation of America Holdings (Covance)
 - 12.2.4. Perkin Elmer (Horizon Discovery Group plc)
 - 12.2.5. genOway
 - 12.2.6. Envigo
 - 12.2.7. JANVIER LABS
 - 12.2.8. Taconic Biosciences, Inc.
 - 12.2.9. Biomedical Research Models (Biomere)
 - 12.2.10. Transpogen Biopharmaceutical, Inc.

CHAPTER 13. RESEARCH PROCESS

- 13.1. Research Process
 - 13.1.1. Data Mining
 - 13.1.2. Analysis
 - 13.1.3. Market Estimation
 - 13.1.4. Validation
 - 13.1.5. Publishing
- 13.2. Research Attributes
- 13.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Rat and Mouse Model market, report scope

TABLE 2. Global Rat and Mouse Model market estimates & forecasts by Region
2018-2027 (USD Billion)

TABLE 3. Global Rat and Mouse Model market estimates & forecasts by Type
2018-2027 (USD Billion)

TABLE 4. Global Rat and Mouse Model market estimates & forecasts by Technology
2018-2027 (USD Billion)

TABLE 5. Global Rat and Mouse Model market estimates & forecasts by Service
2018-2027 (USD Billion)

TABLE 6. Global Rat and Mouse Model market estimates & forecasts by Application
2018-2027 (USD Billion)

TABLE 7. Global Rat and Mouse Model market estimates & forecasts by End-Use
2018-2027 (USD Billion)

TABLE 8. Global Rat and Mouse Model market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 9. Global Rat and Mouse Model market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 10. Global Rat and Mouse Model market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 11. Global Rat and Mouse Model market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 12. Global Rat and Mouse Model market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 13. Global Rat and Mouse Model market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 14. Global Rat and Mouse Model market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 15. Global Rat and Mouse Model market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 16. Global Rat and Mouse Model market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 17. Global Rat and Mouse Model market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 18. U.S. Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 19. U.S. Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 20. U.S. Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 21. Canada Rat and Mouse Model market estimates & forecasts, 2018-2027
(USD Billion)

TABLE 22. Canada Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 23. Canada Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 24. UK Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 25. UK Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 26. UK Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 27. Germany Rat and Mouse Model market estimates & forecasts, 2018-2027
(USD Billion)

TABLE 28. Germany Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 29. Germany Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 30. RoE Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 31. RoE Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 32. RoE Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 33. China Rat and Mouse Model market estimates & forecasts, 2018-2027
(USD Billion)

TABLE 34. China Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 35. China Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 36. India Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD
Billion)

TABLE 37. India Rat and Mouse Model market estimates & forecasts by segment
2018-2027 (USD Billion)

TABLE 38. India Rat and Mouse Model market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 39. Japan Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. Japan Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. Japan Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. RoAPAC Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. RoAPAC Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. RoAPAC Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Brazil Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. Brazil Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Brazil Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. Mexico Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. Mexico Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. Mexico Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. RoLA Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. RoLA Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. RoLA Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Row Rat and Mouse Model market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 55. Row Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. Row Rat and Mouse Model market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. List of secondary sources, used in the study of global Rat and Mouse Model market

TABLE 58. List of primary sources, used in the study of global Rat and Mouse Model market

TABLE 59. Years considered for the study

TABLE 60. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Rat and Mouse Model market, research methodology
- FIG 2. Global Rat and Mouse Model market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Rat and Mouse Model market, key trends 2020
- FIG 5. Global Rat and Mouse Model market, growth prospects 2021-2027
- FIG 6. Global Rat and Mouse Model market, porters 5 force model
- FIG 7. Global Rat and Mouse Model market, pest analysis
- FIG 8. Global Rat and Mouse Model market, value chain analysis
- FIG 9. Global Rat and Mouse Model market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Rat and Mouse Model market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Rat and Mouse Model market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Rat and Mouse Model market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Rat and Mouse Model market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Rat and Mouse Model market, regional snapshot 2018 & 2027
- FIG 15. North America Rat and Mouse Model market 2018 & 2027 (USD Billion)
- FIG 16. Europe Rat and Mouse Model market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Rat and Mouse Model market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Rat and Mouse Model market 2018 & 2027 (USD Billion)
- FIG 19. Global Rat and Mouse Model market, company market share analysis (2020)

I would like to order

Product name: Global Rat and Mouse Model Market Size study, by Type (Knockout, Knock-in, Outbred, Inbred, Others), By Technology (Nuclear transferase, Microinjection, Embryonic stem cells, CRISPR/Cas9, Others) By Service (Cryopreservation, Breeding, Rederivation, Genetic testing, Quarantine depending, Others), By Application (Cardiovascular diseases, Genetic diseases, Cancer, Infectious diseases, Transplantation, Toxicology studies, Others), By End-use (Pharmaceutical companies, Academic and research facilities, Biotechnology companies, Contract research & manufacturing organizations) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/GC5B31970EB7EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC5B31970EB7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970