

# **Mice Model Market Size, Trends, Analysis, and Outlook By Model Type & Service (Model Type, Service), By Technology (CRISPR/CAS9, Microinjection, Embryonic Stem cell Injection, Nuclear Transfer, Others), By Therapeutic Area (Oncology, Metabolic Diseases, Immunology, Neurology, Cardiovascular Diseases, Others), By Application (Drug Discovery & Development, Research Application, Personalized Medicine), By End-User (Pharmaceutical & Biotechnology Companies, Academic & Research Institutes, CROs & CDMOs, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Mice Model market size is poised to register 6.8% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Mice Model market across By Model Type & Service (Model Type, Service), By Technology (CRISPR/CAS9, Microinjection, Embryonic Stem cell Injection, Nuclear Transfer, Others), By Therapeutic Area (Oncology, Metabolic Diseases, Immunology, Neurology, Cardiovascular Diseases, Others), By Application (Drug Discovery & Development, Research Application, Personalized Medicine), By End-User (Pharmaceutical & Biotechnology Companies, Academic & Research Institutes, CROs & CDMOs, Others)

The mice model market is characterized by the widespread use of mice in biomedical research, advancements in genetic engineering and genome editing technologies, and the growing demand for genetically modified mouse models for studying human diseases and drug development. By 2030, the market is poised to witness steady growth, driven by expansions in transgenic mice, knockout mice, and humanized mouse models. Further, expanding applications in oncology research, immunology studies, and preclinical drug testing are expected to drive market expansion, enabling researchers, pharmaceutical companies, and academic institutions to elucidate disease mechanisms, evaluate therapeutic efficacy, and accelerate drug discovery through mice models that offer genetic diversity, reproducibility, and translatability in the mice model market and life sciences field.

### Mice Model Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Mice Model market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Mice Model survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Mice Model industry.

### Key market trends defining the global Mice Model demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Mice Model Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Mice Model industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Mice Model companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Mice Model industry

Leading Mice Model companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Mice Model companies.

### Mice Model Market Study- Strategic Analysis Review

The Mice Model market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Mice Model Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Mice Model industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

### Mice Model Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For

each of the six regions, the market size outlook by segments is forecast for 2032.

North America Mice Model Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Mice Model market segments. Similarly, Strong market demand is encouraging Canadian Mice Model companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Mice Model market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Mice Model Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Mice Model industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Mice Model market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Mice Model Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Mice Model in Asia Pacific. In particular, China, India, and South East Asian Mice Model markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews

with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

**Latin America Mice Model Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Mice Model Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Mice Model market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Mice Model.

**Mice Model Market Company Profiles**

The global Mice Model market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Applied StemCell Inc, Aragen Life Sciences Pvt. Ltd, Biocytogen LLC, Charles River Laboratories International Inc, Creative Animodel, Creative Biolabs, Crescendo Biologics Ltd, Cyagen Biosciences Inc, GemPharmatech Co. Ltd, genOway, Harbour BioMed, Ingenious Targeting Laboratory, Janvier Labs, JOINN Laboratories Co. Ltd, JSR Corp, Marshall BioResources, Ozgene Pty Ltd, PolyGene AG, Shanghai Model Organisms Center Inc, Taconic Biosciences Inc, The Jackson Laboratory, TransCure bioServices, Transgenic Inc, Vivo Bio Tech Ltd.

**Recent Mice Model Market Developments**

The global Mice Model market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Mice Model Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Model Type & Service

Model Type

-Inbred Mice

-Genetically Engineered Mice

-Hybrid/Congenic Mice

-Outbred Mice

Service

-Breeding

-Cryopreservation

-Rederivation

-Quarantine

-Others

By Technology

CRISPR/CAS9

Microinjection

Embryonic Stem cell Injection

Nuclear Transfer

Others

By Therapeutic Area

Oncology

Metabolic Diseases

Immunology

Neurology

Cardiovascular Diseases

Others

By Application

Drug Discovery & Development

Research Application

Personalized Medicine

By End-User

Pharmaceutical & Biotechnology Companies

Academic & Research Institutes

CROs & CDMOs

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Applied StemCell Inc

Aragen Life Sciences Pvt. Ltd



Biocytogen LLC

Charles River Laboratories International Inc

Creative Animodel

Creative Biolabs

Crescendo Biologics Ltd

Cyagen Biosciences Inc

GemPharmatech Co. Ltd

genOway

Harbour BioMed

Ingenious Targeting Laboratory

Janvier Labs

JOINN Laboratories Co. Ltd

JSR Corp

Marshall BioResources

Ozgene Pty Ltd

PolyGene AG

Shanghai Model Organisms Center Inc

Taconic Biosciences Inc

The Jackson Laboratory

TransCure bioServices

Transgenic Inc

Vivo Bio Tech Ltd

Formats Available: Excel, PDF, and PPT

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-Hybrid/Congenic Mice

-Outbred Mice

Service

-Breeding

-Cryopreservation

-Rederivation

-Quarantine

-Others

By Technology

CRISPR/CAS9

Microinjection

Embryonic Stem cell Injection

Nuclear Transfer

Others

By Therapeutic Area

Oncology

Metabolic Diseases

Immunology

Neurology

Cardiovascular Diseases

Others

By Application

Drug Discovery & Development

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Personalized Medicine

By End-User

Pharmaceutical & Biotechnology Companies

Academic & Research Institutes

CROs & CDMOs

Others

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Biocytogen LLC  
Charles River Laboratories International Inc  
Creative Animodel  
Creative Biolabs  
Crescendo Biologics Ltd  
Cyagen Biosciences Inc  
GemPharmatech Co. Ltd  
genOway

Harbour BioMed  
Ingenious Targeting Laboratory  
Janvier Labs  
JOINN Laboratories Co. Ltd  
JSR Corp  
Marshall BioResources  
Ozgene Pty Ltd  
PolyGene AG  
Shanghai Model Organisms Center Inc  
Taconic Biosciences Inc  
The Jackson Laboratory  
TransCure bioServices  
Transgenic Inc  
Vivo Bio Tech Ltd.

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