

Animal Model Market Size, Trends, Analysis, and Outlook By Animal Type (Mice, Rat, Guinea Pigs, Rabbits, Hamsters, Others), By Application (Cancer, Immunological Disease, Infectious Disease, Others), By End-User (Pharmaceutical & Biotechnology Companies, Academic Research Institute, Contract Research Organization), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Animal Model market size is poised to register 13.36% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Animal Model market across By Animal Type (Mice, Rat, Guinea Pigs, Rabbits, Hamsters, Others), By Application (Cancer, Immunological Disease, Infectious Disease, Others), By End-User (Pharmaceutical & Biotechnology Companies, Academic Research Institute, Contract Research Organization).

The Animal Model Market is characterized by advancements in genetically engineered animal models, precision medicine applications, and preclinical research services aimed at accelerating drug discovery and development processes. Animal models, including rodents, non-human primates, and genetically modified organisms (GMOs), play a critical role in understanding disease mechanisms, evaluating therapeutic efficacy, and assessing drug safety in preclinical studies. Key trends include the development of humanized animal models, patient-derived xenograft (PDX) models, and organ-on-a-chip platforms to recapitulate human disease biology, predict drug responses, and facilitate translational research. Additionally, there is a growing emphasis on ethical

considerations, animal welfare standards, and alternative models, such as in vitro assays, computational models, and patient-derived cell lines, to reduce reliance on animal experimentation while ensuring scientific validity and reproducibility. Moreover, collaborations between academic institutions, contract research organizations (CROs), and pharmaceutical companies are essential for expanding the utility and applicability of animal models in biomedical research, addressing unmet medical needs, and advancing precision medicine initiatives for human health.

Animal 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 Animal Model market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Animal 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 Animal Model industry.

Key market trends defining the global Animal 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.

Animal Model Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Animal 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 Animal Model companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Animal Model industry

Leading Animal 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 Animal Model companies.

Animal Model Market Study- Strategic Analysis Review

The Animal 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.

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

The Animal 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

Animal Model Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

North America Animal 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Animal Model market segments. Similarly, Strong end-user demand is encouraging Canadian Animal Model companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Animal Model market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Animal 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 Animal 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 businesses in identifying and leveraging new growth prospects positions the European Animal 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 Animal 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 Animal Model in Asia Pacific. In particular, China, India, and South East Asian Animal Model markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

Latin America Animal 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 Animal 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 Animal Model market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Animal Model.

Animal Model Market Company Profiles

The global Animal 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 BIOCYTOGEN, BioSpherix Ltd, Charles River Laboratories, Crown Bioscience, genOway, Harbour BioMed, Inotiv, Janvier Labs, Taconic Biosciences Inc, The Jackson Laboratory

Recent Animal Model Market Developments

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

Animal Model Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Animal Type

Mice

Rat

Guinea Pigs

Rabbits

Hamsters

Others

By Application

Cancer

Immunological Disease

Infectious Disease

Others

By End-user

Pharmaceutical & Biotechnology Companies

Academic Research Institute

Contract Research Organization

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BIOCYTOGEN

BioSpherix Ltd

Charles River Laboratories

Crown Bioscience

genOway

Harbour BioMed

Inotiv

Janvier Labs

Taconic Biosciences Inc

The Jackson Laboratory

Formats Available: Excel, PDF, and PPT

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BioSpherix Ltd

Charles River Laboratories

Crown Bioscience

genOway

Harbour BioMed

Inotiv

Janvier Labs

Taconic Biosciences Inc

The Jackson Laboratory

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