

## Understanding the Landscape of the Animal Model Market from 2023 to 2032

PORTLAND, GA, UNITED STATES, November 5, 2024 /EINPresswire.com/ -- The <u>animal model market</u> report details the competitive landscape of the industry, assisting key players in enhancing their shares and maintaining competitiveness. The analysis utilizes Porter's five forces model and a PESTEL breakdown to assess the industry's competitive environment.



Additionally, the study identifies significant investment opportunities for stakeholders within the sector. These analytical frameworks are assessed based on their CAGR and relative revenue share. The report also emphasizes major entities, outlining their financial growth and market share globally.

The report assesses the growth potential, demographics, and suitability of the industry throughout the study period. This analysis contributes to determining the sector size and provides a framework for understanding how the market will sustain its growth trajectory during the forecast period. According to a recent report by Allied Market Research, the Animal Model Market is anticipated to register an impressive CAGR of 6.6% with a revenue of \$3.6 billion by 2032.

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## Industry updates

Charles River Laboratories announced that it had entered into an agreement in November 2022, to distribute, breed, sell, and market Hera BioLabs' SRG rat to the global preclinical research community.

In January 2023, Charles River Laboratories announced the expansion of its tripleimmunodeficient mouse model portfolio with the introduction of two new NCG mouse strains, for research in oncology, immunology, and infectious diseases.

Technological advancements in the market

Recent advancements in animal model technology are revolutionizing research methodologies and improving the ethical framework of biomedical studies. The report offers a detailed analysis of emerging technologies in the industry. This helps stakeholders to upgrade their product offerings.

3D bioprinting is being used to develop artificial tissues, such as skin, which can serve as alternatives to conventional animal testing. This technology enables pharmaceutical products to be tested on human-like tissues, offering more pertinent data for human applications.

Volumetric Absorptive Microsampling (VAMS) technology enables researchers to collect smaller blood samples from animals, which helps to decrease the number of animals needed for testing. This approach allows for repeated sampling of the same subjects without the necessity of extensive blood loss.

Advancements in genome editing techniques, such as CRISPR, have enabled the creation of genetically modified animal models that more accurately replicate human diseases. These models are useful for investigating complex conditions such as metabolic disorders and neurological diseases.

Top entities profiled in the study

Key players in the animal model sector are thoroughly examined to assess their market share, positioning, and competitive strength within the industry. This evaluation of leading companies is included to provide a deep understanding of their roles in the market. Additionally, the company profile section presents various data points, including an overview of the company, key executives, primary growth strategies implemented, and innovative initiatives or strategies adopted to enhance its global standing. Frontrunners in the market are:

**Taconic Biosciences** 

The Jackson Laboratory

Charles River Laboratories

Janvier Labs, LLC

Trans Genic Inc.

Hera Biolabs

Crown Bioscience Inc.	
Ozgene Pty Ltd.	

Genoway S.A.

Inotiv, Inc.

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Research methodology

The research methodology for the animal model industry incorporates comprehensive primary and secondary research. The primary research includes in-depth discussions with a broad range of participants, while the secondary research focuses on detailed descriptions of products or services. Additionally, press releases, reputable industry publications, and government websites have been thoroughly evaluated and analyzed to generate unique insights into the industry.

In summary, the AMR report provides valuable insights into different segments of the industry and highlights key investment opportunities within the animal model market. The data and statistics included in the report aid businesses in enhancing their presence in the dynamic industry. Additionally, it highlights key trends and provides an overview of the competitive landscape that is likely to shape the sector's future direction.

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