

Patient Derived Xenograft/PDX Model Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/PB4EB3C9A51AEN.html>

Date: June 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: PB4EB3C9A51AEN

Abstracts

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The future of the patient derived xenograft/PDX model market looks promising with opportunities in the pre-clinical drug development and biomarker analysis.. The global patient derived xenograft/PDX models market is expected to grow with a CAGR of 15%-18% from 2020 to 2025. The major drivers for this market are rising prevalence of chronic diseases and increasing demand of personalized medicine.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global patient derived xenograft/PDX models market report, please download the report brochure.

In this market, mice models is the largest type of xenograft/PDX model, whereas pharmaceutical and biotechnology companies is the largest end user. Growth in various segments of the xenograft/PDX model market are given below:

The study includes trends and forecast for the global patient derived xenograft/PDX model market by type, tumor type, application, end user, and region as follows:

By Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Mice Model

Rats Model

By Tumor Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Gastrointestinal Tumor Models

Gynecological Tumor Models

Respiratory Tumor Models

Urological Tumor Models

Hematological Tumor Models

Other Tumor Models

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Pre-clinical Drug Development and Basic Cancer Research

Biomarker Analysis

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Pharmaceutical and Biotechnology Companies

Contract Research Organizations

Academic and Research Institutions

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Spain

German

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the patient derived xenograft/PDX model companies profiled in this report include Crown Bioscience, WuXi AppTec, Champions Oncology, The Jackson Laboratory, ONCODESIGN, Charles River Laboratories International, and EPO Berlin-Buch.

Lucintel forecasts that the mice model segment will remain the largest segment over the forecast period due to large number of mice which enhances surgical manipulation in models for cancer treatment.

Within this market pharmaceutical and biotechnology companies will remain the largest segment by end users over the forecast period due to increasing expenditure on research and development by companies for drug development.

North America will remain the largest region over the forecast period due to growth in biomedical research, rising preclinical activities by clinical research organisations and pharmaceutical companies, and growing stem cell research in the region.

Features of the Global Patient Derived Xenograft/PDX Model Market

Market Size Estimates: Global patient derived xenograft/PDX model market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global patient derived xenograft/PDX model market size by various segments, such as type, tumor type, application, and end user in terms of value.

Regional Analysis: Global patient derived xenograft/PDX model market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different type, tumor type, application, end user, and region for the global patient derived xenograft/PDX models market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global patient derived xenograft/PDX models market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global patient derived xenograft/PDX model market by type (mice model and rats model), tumor type (gastrointestinal tumor models, gynecological tumor models, respiratory tumor models, urological tumor models, hematological tumor models, other tumor models), applications (pre-clinical drug development and basic cancer research

and biomarker analysis), end user (pharmaceutical and biotechnology companies, contract research organizations, and academic & research institutions) and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global patient derived xenograft/PDX models market?

Q.5 What are the business risks and threats to the global patient derived xenograft/PDX models market?

Q.6 What are the emerging trends in this patient derived xenograft/PDX models market and the reasons behind them?

Q.7 What are some changing demands of customers in this patient derived xenograft/PDX models market?

Q.8 What are the new developments in this patient derived xenograft/PDX models market? Which companies are leading these developments?

Q.9 Who are the major players in this patient derived xenograft/PDX models market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this patient derived xenograft/PDX models market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global patient derived xenograft/PDX models market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Type (Mice Model and Rats Model), Tumor Type (Gastrointestinal Tumor Models, Gynecological Tumor Models, Respiratory Tumor Models, Urological Tumor Models, Hematological Tumor Models, and Other Tumor Models), Applications (Pre-Clinical Drug Development And Basic Cancer Research and Biomarker Analysis), End User (Pharmaceutical and Biotechnology Companies, Contract Research Organizations, and Academic & Research Institutions)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Spain, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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