

# Human Liver Model Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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The human liver model market looks promising with opportunities in education and drug discovery applications. The global human liver model market is expected to grow with a CAGR of 11%-14% from 2020 to 2025. The major drivers for this market are growing focus on developing alternatives for animal testing models and growing initiatives to increase awareness about liver organoids.

Emerging trends, which have a direct impact on the dynamics of the industry, include growing adoption of tissue culture-based clinical diagnostics and technological advancement in liver organoids.

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 human liver model market report, please download the report brochure.

In this market, animal model is the largest type of human liver model, whereas drug discovery is the largest application. Growth in various segments of the human liver model market are given below:

The study includes trends and forecast for the global human liver model market by type, application, and region as follows:

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

Liver Organoids

Liver-on-a-chip

2D Models

Animal Models

3D Bioprinting

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

Education

Drug Discovery

Others

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

North America

United States

Canada

Mexico

Europe

Russia

United Kingdom

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the human liver model companies profiled in this report include Emulate, Ascendance Bio, HiREL, CN Bio, Organovo, and Cyfuse Biomedical.

Lucintel forecasts that animal models will remain the largest type segment over the forecast period due to the rising demand for preclinical services and the development of biosimilars.

Within this market, drug discovery will remain the largest application segment over the forecast period due to increasing focus on developing alternatives for animal testing models and significant increase in research funding and venture capital investments for the development of liver models.

North America will remain the largest region over the forecast period due to increasing presence of a well-established life science industry, growing awareness of the organoids technology, and increasing government funding for R&D activities in the region.

#### Features of the Global Human Liver Model Market

**Market Size Estimates:** Global human liver 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 human liver model market size by various segments, such as type and application, in terms of value.

**Regional Analysis:** Global human liver model market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different type, application and region for the global human liver model market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global human liver model 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 human liver model market by type (liver organoids, liver-on-a-chip, 2D models, animal models, and 3D bioprinting), applications (education, drug discovery, and others), 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 human liver model market?

Q.5 What are the business risks and threats to the global human liver model market?

Q.6 What are the emerging trends in this human liver model market and the reasons behind them?

Q.7 What are some changing demands of customers in this human liver model market?

Q.8 What are the new developments in this human liver model market? Which companies are leading these developments?

Q.9 Who are the major players in this human liver model 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 human liver model 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 human liver model 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 & Forecast, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Type (Liver Organoids, Liver-an-a-Chip, 2D Models, Animal Models, and 3D Bioprinting), Applications (Education, Drug Discovery, and Others)

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

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