

Organ-on-a-Chip Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

Organ-on-a-Chip Trends and Forecast

The future of the global organ-on-a-chip market looks promising with opportunities in the pharmaceutical & biotechnology, academic & research institute, and cosmetics markets. The global organ-on-a-chip market is expected to reach an estimated \$0.9 billion by 2030 with a CAGR of 27.5% from 2024 to 2030. The major drivers for this market are growing emphasis on creating substitutes for animal testing methods and rising need for personalized medicine.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Organ-on-a-Chip by Segment

The study includes a forecast for the global organ-on-a-chip by type, application, end use, and region.

Organ-on-a-Chip Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Liver-on-a-Chip

Kidney-on-a-Chip

Lung-on-a-Chip

Heart-on-a-Chip

Others

Organ-on-a-Chip Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Physiological Model Development

Drug Discovery

Toxicology Research

Others

Organ-on-a-Chip Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Pharmaceutical & Biotechnology

Academic & Research Institutes

Cosmetics

Others

Organ-on-a-Chip Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Organ-on-a-Chip Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies organ-on-a-chip companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the organ-on-a-chip companies profiled in this report include-

Mimetas

Emulate

InSphero

Ascendance Bio

CN Bio

TissUse

Kirkstall

HUREL

SynVivo

AxoSim

Organ-on-a-Chip Market Insights

Lucintel forecasts that drug discovery is expected to witness the highest growth over the forecast period due to rising need for new testing techniques to generate reliable predictions of drug safety and effectiveness.

North America will remain the largest region over the forecast period due to rise in the use of high-tech models and the presence of key players in the region.

Features of the Global Organ-on-a-Chip Market

Market Size Estimates: Organ-on-a-chip market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Organ-on-a-chip market size by type, application, end use, and region in terms of value (\$B).

Regional Analysis: Organ-on-a-chip market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different types, applications, end uses, and regions for the organ-on-a-chip market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the organ-on-a-chip market.

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

FAQ

Q1. What is the organ-on-a-chip market size?

Answer: The global organ-on-a-chip market is expected to reach an estimated \$0.9 billion by 2030.

Q2. What is the growth forecast for organ-on-a-chip market?

Answer: The global organ-on-a-chip market is expected to grow with a CAGR of 27.5% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the organ-on-a-chip market?

Answer: The major drivers for this market are growing emphasis on creating substitutes for animal testing methods and rising need for personalized medicine.

Q4. What are the major segments for organ-on-a-chip market?

Answer: The future of the organ-on-a-chip market looks promising with opportunities in the pharmaceutical & biotechnology, academic & research institute, and cosmetics markets.

Q5. Who are the key organ-on-a-chip market companies?

Answer: Some of the key organ-on-a-chip companies are as follows:

Mimetas

Emulate

InSphero

Ascendance Bio

CN Bio

TissUse

Kirkstall

HUREL

SynVivo

AxoSim

Q6. Which organ-on-a-chip market segment will be the largest in future?

Answer: Lucintel forecasts that drug discovery is expected to witness the highest growth over the forecast period due to rising need for new testing techniques to generate reliable predictions of drug safety and effectiveness.

Q7. In organ-on-a-chip market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to rise in the use of high-tech models and the presence of key players in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the organ-on-a-chip market by type (liver-on-a-chip, kidney-on-a-chip, lung-on-a-chip, heart-on-a-chip, and others), application (physiological model development, drug discovery, toxicology research, and others), end use (pharmaceutical & biotechnology, academic & research institutes, cosmetics, and others), and region (North America, Europe, Asia Pacific, and the 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 key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

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

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been

on the industry?

For any questions related to Organ-On-A-Chip Market, Organ-On-A-Chip Market Size, Organ-On-A-Chip Market Growth, Organ-On-A-Chip Market Analysis, Organ-On-A-Chip Market Report, Organ-On-A-Chip Market Share, Organ-On-A-Chip Market Trends, Organ-On-A-Chip Market Forecast, Organ-On-A-Chip Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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