

# **Organoids Market Size, Trends, Analysis, and Outlook By Product (Intestine, Liver, Stomach, Pancrease, Others), By Application (Drug Discovery and Personalized Medicine, Drug Toxicity and Efficacy Testing, Regenerative Medicine, Developmental Biology, Others), By End-User (Pharmaceutical and Biotechnology Companies, Contract Research Organizations, Research Institutes), by Country, Segment, and Companies, 2024-2032**

<https://marketpublishers.com/r/OC3B6D49402FEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: OC3B6D49402FEN

## **Abstracts**

The global Organoids market size is poised to register 15.3% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Organoids market across By Product (Intestine, Liver, Stomach, Pancrease, Others), By Application (Drug Discovery and Personalized Medicine, Drug Toxicity and Efficacy Testing, Regenerative Medicine, Developmental Biology, Others), By End-User (Pharmaceutical and Biotechnology Companies, Contract Research Organizations, Research Institutes)

The organoids market is poised for substantial growth owing to its transformative potential in disease modeling, drug discovery, and regenerative medicine, as well as the increasing demand for three-dimensional (3D) organoid cultures, patient-derived organoids (PDOs), and organoid-based assays that recapitulate the physiological complexity, cellular heterogeneity, and tissue-specific functions of human organs in vitro for biomedical research, preclinical drug testing, and personalized medicine applications. With advancements in organoid culture protocols, stem cell technologies, and genome editing tools, there is a rising opportunity for organoid technology

developers to offer innovative platforms that enable high-throughput screening, disease phenotyping, and therapeutic target validation while providing insights into disease mechanisms, treatment responses, and patient-specific drug sensitivities in diverse therapeutic areas, including oncology, neurology, and gastroenterology. Further, the expanding applications of organoids in precision oncology, rare diseases, and tissue engineering, as well as the growing investment in organoid biobanks, collaborative research networks, and regulatory frameworks, are driving market expansion further.

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

## Key market trends defining the global Organoids 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.

## Organoids Market Segmentation- Industry Share, Market Size, and Outlook to 2032

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

## Key strategies adopted by companies within the Organoids industry

Leading Organoids 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 Organoids companies.

### Organoids Market Study- Strategic Analysis Review

The Organoids 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.

### Organoids Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Organoids 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 2032 in three case scenarios- low case, reference case, and high case scenarios.

### Organoids Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

**North America Organoids 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 healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Organoids market segments. Similarly, Strong market demand is encouraging Canadian Organoids companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Organoids market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Organoids Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Organoids 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 vendors in identifying and leveraging new growth prospects positions the European Organoids 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 Organoids 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 Organoids in Asia Pacific. In particular, China, India, and South East Asian Organoids markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

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

Organoids Market Company Profiles

The global Organoids 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 3Dynamics Inc, Cellesce Ltd, DefiniGEN Ltd, Dynamics Inc, Hubrecht Organoid Technology (HUB), Known Medicine Inc, Merck KGaA, R&D Systems Inc.

Recent Organoids Market Developments

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

Organoids Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (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 Product

Intestine

Liver

Stomach

Pancrease

Others

By Application

Drug Discovery and Personalized Medicine

Drug Toxicity and Efficacy Testing

*Organoids Market Size, Trends, Analysis, and Outlook By Product (Intestine, Liver, Stomach, Pancrease, Others)...*

Regenerative Medicine

Developmental Biology

Others

By End-User

Pharmaceutical and Biotechnology Companies

Contract Research Organizations

Research Institutes

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

3Dnamics Inc

Cellesce Ltd

DefiniGEN Ltd

Dynamics Inc

Hubrecht Organoid Technology (HUB)

*Organoids Market Size, Trends, Analysis, and Outlook By Product (Intestine, Liver, Stomach, Pancrease, Others)...*

Known Medicine Inc

Merck KGaA

R&D Systems Inc

Formats Available: Excel, PDF, and PPT



## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Organoids Market Overview and Key Findings, 2024
- 1.2 Organoids Market Size and Growth Outlook, 2021- 2030
- 1.3 Organoids Market Growth Opportunities to 2030
- 1.4 Key Organoids Market Trends and Challenges
  - 1.4.1 Organoids Market Drivers and Trends
  - 1.4.2 Organoids Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Organoids Companies

### 2. ORGANOIDS MARKET SIZE OUTLOOK TO 2030

- 2.1 Organoids Market Size Outlook, USD Million, 2021- 2030
- 2.2 Organoids Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. ORGANOIDS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. ORGANOIDS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Product
    - Intestine
    - Liver
    - Stomach
    - Pancrease

Others

By Application

Drug Discovery and Personalized Medicine

Drug Toxicity and Efficacy Testing

Regenerative Medicine

Developmental Biology

Others

By End-User

Pharmaceutical and Biotechnology Companies

Contract Research Organizations

Research Institutes

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Organoids Market, 2025

5.2 Asia Pacific Organoids Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Organoids Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Organoids Market, 2025

5.5 Europe Organoids Market Size Outlook by Type, 2021- 2030

5.6 Europe Organoids Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Organoids Market, 2025

5.8 North America Organoids Market Size Outlook by Type, 2021- 2030

5.9 North America Organoids Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Organoids Market, 2025

5.11 South America Pacific Organoids Market Size Outlook by Type, 2021- 2030

5.12 South America Organoids Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Organoids Market, 2025

5.14 Middle East Africa Organoids Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Organoids Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Organoids Market Size Outlook and Revenue Growth Forecasts

6.2 US Organoids Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Organoids Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

- 6.6 Mexico Organoids Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Organoids Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Organoids Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Organoids Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Organoids Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Organoids Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Organoids Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Organoids Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Organoids Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Organoids Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Organoids Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Organoids Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Organoids Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Organoids Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Organoids Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Organoids Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Organoids Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Organoids Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Organoids Industry Drivers and Opportunities

## **7. ORGANIDS MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. ORGANOIDS COMPANY PROFILES**

- 8.1 Profiles of Leading Organoids Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

### **3DNAMICS INC**

Cellesce Ltd  
DefiniGEN Ltd  
Dynamics Inc  
Hubrecht Organoid Technology (HUB)  
Known Medicine Inc  
Merck KGaA  
R&D Systems Inc.

## **9. APPENDIX**

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

## I would like to order

Product name: Organoids Market Size, Trends, Analysis, and Outlook By Product (Intestine, Liver, Stomach, Pancrease, Others), By Application (Drug Discovery and Personalized Medicine, Drug Toxicity and Efficacy Testing, Regenerative Medicine, Developmental Biology, Others), By End-User (Pharmaceutical and Biotechnology Companies, Contract Research Organizations, Research Institutes), by Country, Segment, and Companies, 2024-2032

Product link: <https://marketpublishers.com/r/OC3B6D49402FEN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/OC3B6D49402FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970