

Human Organoids Market Size, Trends, Analysis, and Outlook By Product (Liver, Kidney, Pancreas, Colorectal, Heart, Others), By Application (Developmental Biology, Drug Toxicity & Efficacy Testing, Disease Pathology, Personalized Medicine, Regenerative Medicine, Others), By Usability (Ready to use products, Customizable products), By End-User (Pharmaceutical & Biotechnology companies, CROs, Academic & Research Institutes, Others), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/HAF78DD51A21EN.html>

Date: April 2024

Pages: 205

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

ID: HAF78DD51A21EN

Abstracts

The global Human Organoids market size is poised to register 16.8% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Human Organoids market across By Product (Liver, Kidney, Pancreas, Colorectal, Heart, Others), By Application (Developmental Biology, Drug Toxicity & Efficacy Testing, Disease Pathology, Personalized Medicine, Regenerative Medicine, Others), By Usability (Ready to use products, Customizable products), By End-User (Pharmaceutical & Biotechnology companies, CROs, Academic & Research Institutes, Others)

The human organoids market is characterized by the increasing demand for in vitro models of human organs and tissues, advancements in organoid culture techniques and organoid-based assays, and the growing need for predictive preclinical models and personalized medicine platforms. By 2030, the market is poised to witness steady growth, driven by innovations in 3D organoid culture, organoid-on-a-chip systems, and

organoid-derived disease models. Further, expanding applications in drug screening, disease modeling, and regenerative medicine are expected to drive market expansion, enabling pharmaceutical companies, research laboratories, and tissue engineering companies to study organ development, screen drug candidates, and model human diseases through human organoid solutions that offer physiological relevance, scalability, and reproducibility for translational research and drug discovery in the organoid market and regenerative medicine field.

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

Key market trends defining the global Human 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.

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

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

Key strategies adopted by companies within the Human Organoids industry

Leading Human 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 Human Organoids companies.

Human Organoids Market Study- Strategic Analysis Review

The Human 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.

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

The Human 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.

Human 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 Human 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 Human Organoids market segments. Similarly, Strong market demand is encouraging Canadian Human Organoids companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Human Organoids market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Human 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 Human 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 Human 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 Human 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 Human Organoids in Asia Pacific. In particular, China, India, and South East Asian Human 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 Human 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 Human 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 Human Organoids market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Human Organoids.

Human Organoids Market Company Profiles

The global Human 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 BioIVT, Biopredic International, CELLINK AB, CN Bio Innovations Ltd, Corning Inc, Cyfuse Biomedical KK, Cyprio, Hurel Corp, InSphero AG, Kaly-Cell, Kerafast Inc, Kirkstall Ltd, MIMETAS BV, Miromatrix Medical Inc, Organovo Holdings Inc, Pandorum Technologies Pvt Ltd, PRIMACYT Cell Culture Technology GmbH, Promethera Biosciences SA, STEMCELL Technologies Inc, System1 Biosciences Inc, Thermo Fisher Scientific Inc, ZenBio Inc.

Recent Human Organoids Market Developments

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

Human 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

Liver

Kidney

Pancreas

Colorectal

Heart

Others

By Application

Developmental Biology

Drug Toxicity & Efficacy Testing

Disease Pathology

Personalized Medicine

Regenerative Medicine

Others

By Usability

Ready to use products

Customizable products

By End-User

Pharmaceutical & Biotechnology companies

CROs

Academic & Research Institutes

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BioIVT

Biopredic International

CELLINK AB

CN Bio Innovations Ltd

Corning Inc

Cyfuse Biomedical KK

Cyprio

Hurel Corp

InSphero AG

Kaly-Cell

Kerafast Inc

Kirkstall Ltd

MIMETAS BV

Miromatrix Medical Inc

Organovo Holdings Inc

Pandorum Technologies Pvt Ltd

PRIMACYT Cell Culture Technology GmbH

Promethera Biosciences SA

STEMCELL Technologies Inc

System1 Biosciences Inc

Thermo Fisher Scientific Inc

ZenBio Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. HUMAN ORGANOIDS MARKET SIZE OUTLOOK TO 2030

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

3. HUMAN 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. HUMAN 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
 - Liver
 - Kidney
 - Pancreas

Colorectal
Heart
Others
By Application
Developmental Biology
Drug Toxicity & Efficacy Testing
Disease Pathology
Personalized Medicine
Regenerative Medicine
Others
By Usability
Ready to use products
Customizable products
By End-User
Pharmaceutical & Biotechnology companies
CROs
Academic & Research Institutes
Others

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 Human Organoids Market, 2025

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

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

5.4 Key Findings for Europe Human Organoids Market, 2025

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

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

5.7 Key Findings for North America Human Organoids Market, 2025

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

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

5.10 Key Findings for South America Human Organoids Market, 2025

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

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

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

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

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

2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Human Organoids Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Human Organoids Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Human Organoids Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Human Organoids Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Human Organoids Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Human Organoids Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Human Organoids Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Human Organoids Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Human Organoids Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Human Organoids Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Human Organoids Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Human Organoids Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Human Organoids Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Human Organoids Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Human Organoids Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Human Organoids Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Human Organoids Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Human Organoids Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts

- 6.36 Argentina Human Organoids Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Human Organoids Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Human Organoids Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Human Organoids Industry Drivers and Opportunities

7. HUMAN ORGANOIDS MARKET OUTLOOK ACROSS SCENARIOS

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

8. HUMAN ORGANOIDS COMPANY PROFILES

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

BioIVT

Biopredic International

CELLINK AB

CN Bio Innovations Ltd

Corning Inc

Cyfuse Biomedical KK

Cyprio

Hurel Corp

InSphero AG

Kaly-Cell

Kerafast Inc

Kirkstall Ltd

MIMETAS BV

Miromatrix Medical Inc

Organovo Holdings Inc

Pandorum Technologies Pvt Ltd

PRIMACYT Cell Culture Technology GmbH

Promethera Biosciences SA

STEMCELL Technologies Inc

System1 Biosciences Inc

Thermo Fisher Scientific Inc
ZenBio 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: Human Organoids Market Size, Trends, Analysis, and Outlook By Product (Liver, Kidney, Pancreas, Colorectal, Heart, Others), By Application (Developmental Biology, Drug Toxicity & Efficacy Testing, Disease Pathology, Personalized Medicine, Regenerative Medicine, Others), By Usability (Ready to use products, Customizable products), By End-User (Pharmaceutical & Biotechnology companies, CROs, Academic & Research Institutes, Others), by Country, Segment, and Companies, 2024-2032

Product link: <https://marketpublishers.com/r/HAF78DD51A21EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/HAF78DD51A21EN.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