

Europe Organoids Market Forecast to 2030 - Regional Analysis - by Organ Type (Intestine, Liver, Stomach, Pancreas, Lung, Brain, Kidney, and Others), Application (Development of Biology Disease, Pathology of infectious Disease, Regenerative Medicines, Drug Discovery and Personalized Medicine, Drug Toxicity and Efficacy Testing, and Others), Source (Pluripotent Stem Cell and Organ Specific Adult Stem Cell), and Type (Instruments, Consumables, and Services)

<https://marketpublishers.com/r/EA2002C2C31FEN.html>

Date: November 2023

Pages: 0

Price: US\$ 3,000.00 (Single User License)

ID: EA2002C2C31FEN

Abstracts

The Europe organoids market is expected to grow from US\$ 842.19 million in 2022 to US\$ 4,080.52 million by 2030. It is estimated to grow at a CAGR of 21.8% from 2022 to 2030.

Growing Adoption of Personalized Drugs in Europe Organoids Market

Personalized medicine, also known as precision medicine, is a medical model that practices procedures or drugs tailored to the individual patient based on the projected response or risk of disease. According to a study published by Personalized Medicine Coalition (PMC), personalized medicines accounted for only 5% of the new FDA-approved molecular entities in 2005, whereas they accounted for more than 25% in 2016. Additionally, 42% of all compounds and 73% of oncology compounds in the pipeline have the potential to be personalized medicines. Moreover, biopharmaceutical companies nearly doubled their R&D investment in personalized drugs over the past

five years, which is likely to increase by 33% in the next five years. Biopharmaceutical researchers also predict a 69% increase in the development of personalized medicines over the coming five years.

The implementation of organoids to create personalized drug therapies provides exciting opportunities for improving patient care. In addition, pharmacists play an essential role in increasing the demand for personalized medicines as they proactively educate and create awareness about precision medicine. Recent research has highlighted that more than 50% of consumers are interested in purchasing customized products or services. This demand has persuaded pharmaceutical research to develop more tailored treatments to make medicines safer and more effective.

Personalized cancer medicine is an approach to tailoring effective therapeutic strategies for each patient according to a tumor's genomic characterization. There is an increasing demand for research in personalized tumor modeling to confirm the functional aspects of genomic drug response predictions in the preclinical setting. Numerous studies have highlighted the application of tumor organoids in personalized cancer medicine in terms of gene–drug association treatment, identification of new therapies, and prediction of patient outcomes.

Personalized cancer therapy applies specific treatments to each patient. Using personalized tumor models with similar characteristics to the original tumors may result in accurate predictions of drug responses in patients. Tumor organoid models have several advantages, such as conserving the molecular and cellular composition of the original tumor over pre-existing models. These advantages highlight the tremendous potential of tumor organoids in personalized cancer therapy, particularly in preclinical drug screening and predicting patient responses to selected treatment regimens.

Europe Organoids Market Overview

The Europe organoids market is sub-segmented into Germany, France, Italy, the UK, Spain, and the Rest of Europe. The regional market growth is associated with the rising demand for tissue engineering and organ transplantation; increasing adoption of organoids for disease modeling, gene mutation, and tumor modeling; and growing research activities on organoids. In addition, factors such as increased funding and public–private investments will likely add more opportunities in the coming years in the region.

Europe Organoids Market Revenue and Forecast to 2030 (US\$ Million)

Europe Organoids Market Segmentation

The Europe organoids market is segmented into organ type, type, application, source, and country.

Based on organ type, the Europe organoids market is segmented into intestine, liver, stomach, pancreas, lung, brain, kidney, and others. The intestine segment held the largest share of the Europe organoids market in 2022.

Based on type, the Europe organoids market is segmented into instruments, consumables, and services. The consumables segment held the largest share of the Europe organoids market in 2022.

Based on application, the Europe organoids market is segmented into developmental biology disease, pathology of infectious disease, regenerative medicine, drug toxicity and efficacy testing, drug discovery and personalized medicine, and others. The developmental biology disease segment held largest share of the Europe organoids market in 2022.

Based on source, the Europe organoids market is bifurcated into pluripotent stem cells and organ-specific adult stem cell. The pluripotent stem cells segment held a larger share of the Europe organoids market in 2022.

Based on country, the Europe organoids market is segmented into the Germany, France, the United Kingdom, Italy, Spain, and the Rest of Europe. Germany dominated the Europe organoids market in 2022.

Cellesce, Definigen, Hubrecht Organoid Technology, InSphero, Merck KGaA, STEMCELL Technologies Inc, and Thermo Fisher Scientific Inc are some of the leading companies operating in the Europe organoids market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Europe Key Insights
- 2.2 Europe Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. EUROPE ORGANOIDS MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Europe PEST Analysis

5. EUROPE ORGANOIDS MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Key Market Drivers:
 - 5.1.1 Increasing Demand for Tumor Modeling and Biobanking
 - 5.1.2 Growing Adoption of Personalized Drugs
 - 5.1.3 Rising Focus on Developing Alternatives for Animal Testing Models
- 5.2 Key Market Restraints:
 - 5.2.1 Issues Related to Incorporation of Organoids into Existing Workflows
 - 5.2.2 Dearth of Skilled Professionals
- 5.3 Key Market Opportunities:
 - 5.3.1 Focus on Drug Discovery Activities
- 5.4 Future Trends:
 - 5.4.1 Combining Organoid with Organ-On-A-Chip
- 5.5 Impact Analysis:

6. ORGANOIDS MARKET – EUROPE MARKET ANALYSIS

6.1 Europe Organoids Market Revenue (US\$ Mn), 2022 – 2030

7. EUROPE ORGANOIDS MARKET – REVENUE AND FORECAST TO 2030 – BY ORGAN TYPE

7.1 Overview

7.2 Europe Organoids Market Revenue Share, by Organ Type 2022 & 2030 (%)

7.3 Stomach

7.3.1 Overview

7.3.2 Stomach: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.4 Intestine

7.4.1 Overview

7.4.2 Intestine: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.5 Liver

7.5.1 Overview

7.5.2 Liver: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.6 Pancreas

7.6.1 Overview

7.6.2 Pancreas: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.7 Lung

7.7.1 Overview

7.7.2 Lung: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.8 Brain

7.8.1 Overview

7.8.2 Brain: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.9 Kidney

7.9.1 Overview

7.9.2 Kidney: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

7.10 Others

7.10.1 Overview

7.10.2 Others: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

8. EUROPE ORGANOIDS MARKET – REVENUE AND FORECAST TO 2030 – BY APPLICATION

8.1 Overview

8.2 Europe Organoids Market Revenue Share, by Application 2022 & 2030 (%)

8.3 Developmental Biology

8.3.1 Overview

8.3.2 Developmental Biology: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

8.4 Disease Pathology of Infectious Disease

8.4.1 Overview

8.4.2 Disease Pathology of Infectious Disease: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

8.5 Regenerative Medicine

8.5.1 Overview

8.5.2 Regenerative Medicine: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

8.6 Drug Toxicity and Efficacy Testing

8.6.1 Overview

8.6.2 Drug Toxicity and Efficacy Testing: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

8.7 Drug Discovery and Personalized Medicine

8.7.1 Overview

8.7.2 Drug Discovery and Personalized Medicine: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

8.8 Others

8.8.1 Overview

8.8.2 Others: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

9. EUROPE ORGANOIDS MARKET – REVENUE AND FORECAST TO 2030 – BY SOURCE

9.1 Overview

9.2 Europe Organoids Market Revenue Share, by Source 2022 & 2030 (%)

9.3 Pluripotent Stem Cells

9.3.1 Overview

9.3.2 Pluripotent Stem Cells: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

9.4 Organ-specific Adult Stem Cells

9.4.1 Overview

9.4.2 Organ-specific Adult Stem Cells: Europe Organoids Market – Revenue and

Forecast to 2030 (US\$ Million)

10. EUROPE ORGANOIDS MARKET – REVENUE AND FORECAST TO 2030 – BY TYPE

10.1 Overview

10.2 Europe Organoids Market Revenue Share, by Type 2022 & 2030 (%)

10.3 Instruments

10.3.1 Overview

10.3.2 Instruments: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

10.4 Consumables

10.4.1 Overview

10.4.2 Consumables: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

10.5 Services

10.5.1 Overview

10.5.2 Services: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

11. EUROPE ORGANOIDS MARKET - COUNTRY ANALYSIS

11.1 Europe Organoids Market: Overview

11.1.1 Europe Organoids Market by Country

11.1.1.1 Germany

11.1.1.1.1 Overview

11.1.1.1.2 Germany Organoids Market Revenue and Forecast to 2030 (US\$ Mn)

11.1.1.1.3 Germany Organoids Market, by Organ Type

11.1.1.1.4 Germany Organoids Market, by Application

11.1.1.1.5 Germany Organoids Market, by Source

11.1.1.1.6 Germany Organoids Market, by Type

11.1.1.2 UK

11.1.1.2.1 Overview

11.1.1.2.2 UK Organoids Market Revenue and Forecast to 2030 (US\$ Mn)

11.1.1.2.3 UK Organoids Market, by Organ Type

11.1.1.2.4 UK Organoids Market, by Application

11.1.1.2.5 UK Organoids Market, by Source

11.1.1.2.6 UK Organoids Market, by Type

11.1.1.3 France

- 11.1.1.3.1 Overview
- 11.1.1.3.2 France Organoids Market Revenue and Forecast to 2030 (US\$ Mn)
- 11.1.1.3.3 France Organoids Market, by Organ Type
- 11.1.1.3.4 France Organoids Market, by Application
- 11.1.1.3.5 France Organoids Market, by Source
- 11.1.1.3.6 UK Organoids Market, by Type
- 11.1.1.4 Italy
 - 11.1.1.4.1 Overview
 - 11.1.1.4.2 Italy Organoids Market Revenue and Forecast to 2030 (US\$ Mn)
 - 11.1.1.4.3 Italy Organoids Market, by Organ Type
 - 11.1.1.4.4 Italy Organoids Market, by Application
 - 11.1.1.4.5 Italy Organoids Market, by Source
 - 11.1.1.4.6 Italy Organoids Market, by Type
- 11.1.1.5 Spain
 - 11.1.1.5.1 Overview
 - 11.1.1.5.2 Spain Organoids Market Revenue and Forecast to 2030 (US\$ Mn)
 - 11.1.1.5.3 Spain Organoids Market, by Organ Type
 - 11.1.1.5.4 Spain Organoids Market, by Application
 - 11.1.1.5.5 Spain Organoids Market, by Source
 - 11.1.1.5.6 Spain Organoids Market, by Type
- 11.1.1.6 Rest of Europe
 - 11.1.1.6.1 Overview
 - 11.1.1.6.2 Rest of Europe Organoids Market Revenue and Forecast to 2030 (US\$ Mn)
 - 11.1.1.6.3 Rest of Europe Organoids Market, by Organ Type
 - 11.1.1.6.4 Rest of Europe Organoids Market, by Application
 - 11.1.1.6.5 Rest of Europe Organoids Market, by Source
 - 11.1.1.6.6 Rest of Europe Organoids Market, by Type

12. PRE & POST COVID-19 IMPACT

12.1 Pre & Post COVID-19 Impact

13. EUROPE ORGANIDS MARKET INDUSTRY LANDSCAPE

13.1 Overview

13.2 Growth Strategies Done by the Companies in the Market, (%)

13.3 Organic Developments

13.3.1 Overview

13.4 Inorganic Developments

13.4.1 Overview

14. EUROPE ORGANOIDS MARKET, KEY COMPANY PROFILES

14.1 STEMCELL Technologies Inc.

14.1.1 Key Facts

14.1.2 Business Description

14.1.3 Products and Services

14.1.4 Financial Overview

14.1.5 SWOT Analysis

14.1.6 Key Developments

14.2 Cellesce Ltd

14.2.1 Key Facts

14.2.2 Business Description

14.2.3 Products and Services

14.2.4 Financial Overview

14.2.5 SWOT Analysis

14.2.6 Key Developments

14.3 Hubrecht Organoid Technology

14.3.1 Key Facts

14.3.2 Business Description

14.3.3 Products and Services

14.3.4 Financial Overview

14.3.5 SWOT Analysis

14.3.6 Key Developments

14.4 Definigen

14.4.1 Key Facts

14.4.2 Business Description

14.4.3 Products and Services

14.4.4 Financial Overview

14.4.5 SWOT Analysis

14.4.6 Key Developments

14.5 Thermo Fisher Scientific Inc

14.5.1 Key Facts

14.5.2 Business Description

14.5.3 Products and Services

14.5.4 Financial Overview

14.5.5 SWOT Analysis

14.5.6 Key Developments

14.6 Merck KGaA

14.7.1 Key Facts

14.7.2 Business Description

14.7.3 Products and Services

14.7.4 Financial Overview

14.7.5 SWOT Analysis

14.7.6 Key Developments

14.7 InSphero

14.8.1 Key Facts

14.8.2 Business Description

14.8.3 Products and Services

14.8.4 Financial Overview

14.8.5 SWOT Analysis

14.8.6 Key Developments

15. APPENDIX

15.1 About Us

15.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. Europe Organoids Market Segmentation

Table 2. Germany Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Organ Type

Table 3. Germany Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Application

Table 4. Germany Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Source

Table 5. Germany Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Type

Table 6. UK Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Organ Type

Table 7. UK Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Application

Table 8. UK Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Source

Table 9. UK Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Type

Table 10. France Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Organ Type

Table 11. France Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Application

Table 12. France Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Source

Table 13. UK Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Type

Table 14. Italy Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Organ Type

Table 15. Italy Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Application

Table 16. Italy Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Source

Table 17. Italy Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Type

Table 18. Spain Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Organ Type

Table 19. Spain Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Application

Table 20. Spain Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Source

Table 21. Spain Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Type

Table 22. Rest of Europe Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Organ Type

Table 23. Rest of Europe Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Application

Table 24. Rest of Europe Organoids Market Revenue and Forecast to 2030 (US\$ Mn) –

Source

Table 25. Rest of Europe Organoids Market Revenue and Forecast to 2030 (US\$ Mn) – Type

Table 26. Organic Developments Done by Companies

Table 27. Inorganic Developments Done by Companies

Table 28. Glossary of Terms, Europe Organoids Market

List Of Figures

LIST OF FIGURES

Figure 1. Europe Organoids Market Segmentation, By Country

Figure 2. Europe - PEST Analysis

Figure 3. Europe Organoids Market - Key Industry Dynamics

Figure 4. Impact Analysis of Drivers and Restraints

Figure 5. Europe Organoids Market Revenue (US\$ Mn), 2022 – 2030

Figure 6. Europe Organoids Market Revenue Share, by Organ Type 2022 & 2030 (%)

Figure 7. Stomach: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 8. Intestine: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 9. Liver: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 10. Pancreas: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 11. Lung: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 12. Brain: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 13. Kidney: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 14. Others: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 15. Europe Organoids Market Revenue Share, by Application 2022 & 2030 (%)

Figure 16. Developmental Biology: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 17. Disease Pathology of Infectious Disease: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 18. Regenerative Medicine: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 19. Drug Toxicity and Efficacy Testing: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 20. Drug Discovery and Personalized Medicine: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 21. Others: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Million)

Figure 22. Europe Organoids Market Revenue Share, by Source 2022 & 2030 (%)

Figure 23. Pluripotent Stem Cells: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 24. Organ-specific Adult Stem Cells: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 25. Europe Organoids Market Revenue Share, by Type 2022 & 2030 (%)

Figure 26. Instruments: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 27. Consumables: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 28. Services: Europe Organoids Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 29. Europe Organoids Market, By Country - Revenue (2022) (\$Mn)

Figure 30. Europe Organoids Market, By Key Countries, 2022 And 2030 (%)

Figure 31. Germany Organoids Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 32. UK Organoids Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 33. France Organoids Market Revenue and Forecast to 2030 (US\$ Mn)

Figure 34. Italy Organoids Market Revenue and Forecast to 2030 (US\$ Mn)

Figure 35. Spain Organoids Market Revenue and Forecast to 2030 (US\$ Mn)

Figure 36. Rest of Europe Organoids Market Revenue and Forecast to 2030 (US\$ Mn)

Figure 37. Pre & Post COVID-19 Impact

Figure 38. Growth Strategies Done by the Companies in the Market, (%)

I would like to order

Product name: Europe Organoids Market Forecast to 2030 - Regional Analysis - by Organ Type (Intestine, Liver, Stomach, Pancreas, Lung, Brain, Kidney, and Others), Application (Development of Biology Disease, Pathology of infectious Disease, Regenerative Medicines, Drug Discovery and Personalized Medicine, Drug Toxicity and Efficacy Testing, and Others), Source (Pluripotent Stem Cell and Organ Specific Adult Stem Cell), and Type (Instruments, Consumables, and Services)

Product link: <https://marketpublishers.com/r/EA2002C2C31FEN.html>

Price: US\$ 3,000.00 (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/EA2002C2C31FEN.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