

# Global Human Organs-on-Chips Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G661F16E5EE6EN.html>

Date: July 2023

Pages: 115

Price: US\$ 4,480.00 (Single User License)

ID: G661F16E5EE6EN

## Abstracts

The global Human Organs-on-Chips market size is expected to reach \$ 563 million by 2029, rising at a market growth of 29.9% CAGR during the forecast period (2023-2029).

Global key players of Human Organs-on-Chips include Emulate, Mimetas, TissUse, Valo Health and CN Bio Innovations. The top five players hold a share over 55%. North America is the largest market, has a share about 42%, followed by Europe, and Asia-Pacific, with share 35% and 18%, separately. In terms of product type, Liver-on-a-chip is the largest segment, occupied for a share of 26%, and in terms of application, Pharmaceutical & Biotechnology Companies has a share about 70%.

An Organ-On-Chip (OOC) is a multi-channel 3-D microfluidic cell culture chip that simulates the activities, mechanics and physiological response of entire organs and organ systems, a type of artificial organ. It constitutes the subject matter of significant biomedical engineering research, more precisely in bio-MEMS. The convergence of labs-on-chips (LOCs) and cell biology has permitted the study of human physiology in an organ-specific context, introducing a novel model of in vitro multicellular human organisms. One day, they will perhaps abolish the need for animals in drug development and toxin testing. Organ-On-Chip technology not only incorporates multiple cell types but also involves engineering aspects, such as the guided spatial confinement of cells or the incorporation of sensors and microfluidic channels.

The primary focus of Organ-On-Chip technology is the re-creation of three key aspects of human physiology: the multicellular vascular or epithelial interfaces of organs (for example, blood vessel networks, lung and gut), which function as barriers in tissues; the tissue-level organization of parenchymal cells (for example, liver, heart, skeletal muscle and tumours), which are responsible for the key functional properties of an organ; and

the systematic interaction of multiple organs (for example, drug absorption, distribution, metabolism and elimination involving the gut, circulation, liver and kidney).

In addition, the Blood-Brain Barrier is definitely more complex than a simple wall, controlling the passage of most solute that enters or leaves the brain. To address how this molecular sieve affects neural activity, some researchers have simulated the interaction between blood vessels and brain tissue on a series of interconnected 'organ chips' when connected through this Blood-Brain Barrier (BBB) model. Endothelial cells, pericytes, astrocytes and neurons alter their gene expression. These technologies will achieve even more rapid development and application.

This report studies the global Human Organs-on-Chips demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Human Organs-on-Chips, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Human Organs-on-Chips that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Human Organs-on-Chips total market, 2018-2029, (USD Million)

Global Human Organs-on-Chips total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Human Organs-on-Chips total market, key domestic companies and share, (USD Million)

Global Human Organs-on-Chips revenue by player and market share 2018-2023, (USD Million)

Global Human Organs-on-Chips total market by Type, CAGR, 2018-2029, (USD Million)

Global Human Organs-on-Chips total market by End User, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Human Organs-on-Chips market based

on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Emulate, Mimetas, TissUse, Valo Health, CN Bio Innovations, Hesperos, Draper Laboratory, Nortis and Micronit Microtechnologies B.V., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Human Organs-on-Chips market.

#### Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by End User. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Human Organs-on-Chips Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Human Organs-on-Chips Market, Segmentation by Type

Brain-on-a-chip

Liver-on-a-chip

Kidney-on-a-chip

Lung-on-a-chip

Heart-on-a-chip

Intestine-on-a-chip

Vessel-on-a-chip

Other Organs

#### Global Human Organs-on-Chips Market, Segmentation by End User

Pharmaceutical & Biotechnology Companies

Academic & Research Institutes

Cosmetics Industry

Others

#### Companies Profiled:

Emulate

Mimetas

TissUse

Valo Health

CN Bio Innovations

Hesperos

Draper Laboratory

Nortis

Micronit Microtechnologies B.V.

Kirkstall

Cherry Biotech SAS

Else Kooi Laboratory

Altis Biosystems

Bi/ond

Netri

Xona Microfluidics

SynVivo

Beijing Daxiang Biotech

## Key Questions Answered

1. How big is the global Human Organs-on-Chips market?
2. What is the demand of the global Human Organs-on-Chips market?
3. What is the year over year growth of the global Human Organs-on-Chips market?
4. What is the total value of the global Human Organs-on-Chips market?
5. Who are the major players in the global Human Organs-on-Chips market?

6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Human Organs-on-Chips Introduction
- 1.2 World Human Organs-on-Chips Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Human Organs-on-Chips Total Market by Region (by Headquarter Location)
  - 1.3.1 World Human Organs-on-Chips Market Size by Region (2018-2029), (by Headquarter Location)
  - 1.3.2 United States Human Organs-on-Chips Market Size (2018-2029)
  - 1.3.3 China Human Organs-on-Chips Market Size (2018-2029)
  - 1.3.4 Europe Human Organs-on-Chips Market Size (2018-2029)
  - 1.3.5 Japan Human Organs-on-Chips Market Size (2018-2029)
  - 1.3.6 South Korea Human Organs-on-Chips Market Size (2018-2029)
  - 1.3.7 ASEAN Human Organs-on-Chips Market Size (2018-2029)
  - 1.3.8 India Human Organs-on-Chips Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Human Organs-on-Chips Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Human Organs-on-Chips Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Human Organs-on-Chips Consumption Value (2018-2029)
- 2.2 World Human Organs-on-Chips Consumption Value by Region
  - 2.2.1 World Human Organs-on-Chips Consumption Value by Region (2018-2023)
  - 2.2.2 World Human Organs-on-Chips Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Human Organs-on-Chips Consumption Value (2018-2029)
- 2.4 China Human Organs-on-Chips Consumption Value (2018-2029)
- 2.5 Europe Human Organs-on-Chips Consumption Value (2018-2029)
- 2.6 Japan Human Organs-on-Chips Consumption Value (2018-2029)
- 2.7 South Korea Human Organs-on-Chips Consumption Value (2018-2029)
- 2.8 ASEAN Human Organs-on-Chips Consumption Value (2018-2029)
- 2.9 India Human Organs-on-Chips Consumption Value (2018-2029)

### **3 WORLD HUMAN ORGANS-ON-CHIPS COMPANIES COMPETITIVE ANALYSIS**

- 3.1 World Human Organs-on-Chips Revenue by Player (2018-2023)
- 3.2 Industry Rank and Concentration Rate (CR)
  - 3.2.1 Global Human Organs-on-Chips Industry Rank of Major Players
  - 3.2.2 Global Concentration Ratios (CR4) for Human Organs-on-Chips in 2022
  - 3.2.3 Global Concentration Ratios (CR8) for Human Organs-on-Chips in 2022
- 3.3 Human Organs-on-Chips Company Evaluation Quadrant
- 3.4 Human Organs-on-Chips Market: Overall Company Footprint Analysis
  - 3.4.1 Human Organs-on-Chips Market: Region Footprint
  - 3.4.2 Human Organs-on-Chips Market: Company Product Type Footprint
  - 3.4.3 Human Organs-on-Chips Market: Company Product Application Footprint
- 3.5 Competitive Environment
  - 3.5.1 Historical Structure of the Industry
  - 3.5.2 Barriers of Market Entry
  - 3.5.3 Factors of Competition
- 3.6 Mergers, Acquisitions Activity

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: Human Organs-on-Chips Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: Human Organs-on-Chips Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)
  - 4.1.2 United States VS China: Human Organs-on-Chips Revenue Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States Based Companies VS China Based Companies: Human Organs-on-Chips Consumption Value Comparison
  - 4.2.1 United States VS China: Human Organs-on-Chips Consumption Value Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Human Organs-on-Chips Consumption Value Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States Based Human Organs-on-Chips Companies and Market Share, 2018-2023
  - 4.3.1 United States Based Human Organs-on-Chips Companies, Headquarters (States, Country)
  - 4.3.2 United States Based Companies Human Organs-on-Chips Revenue, (2018-2023)



#### 4.4 China Based Companies Human Organs-on-Chips Revenue and Market Share, 2018-2023

4.4.1 China Based Human Organs-on-Chips Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Human Organs-on-Chips Revenue, (2018-2023)

#### 4.5 Rest of World Based Human Organs-on-Chips Companies and Market Share, 2018-2023

4.5.1 Rest of World Based Human Organs-on-Chips Companies, Headquarters (States, Country)

4.5.2 Rest of World Based Companies Human Organs-on-Chips Revenue, (2018-2023)

### 5 MARKET ANALYSIS BY TYPE

#### 5.1 World Human Organs-on-Chips Market Size Overview by Type: 2018 VS 2022 VS 2029

#### 5.2 Segment Introduction by Type

5.2.1 Brain-on-a-chip

5.2.2 Liver-on-a-chip

5.2.3 Kidney-on-a-chip

5.2.4 Lung-on-a-chip

5.2.5 Heart-on-a-chip

5.2.6 Intestine-on-a-chip

5.2.7 Vessel-on-a-chip

5.2.8 Other Organs

#### 5.3 Market Segment by Type

5.3.1 World Human Organs-on-Chips Market Size by Type (2018-2023)

5.3.2 World Human Organs-on-Chips Market Size by Type (2024-2029)

5.3.3 World Human Organs-on-Chips Market Size Market Share by Type (2018-2029)

### 6 MARKET ANALYSIS BY END USER

#### 6.1 World Human Organs-on-Chips Market Size Overview by End User: 2018 VS 2022 VS 2029

#### 6.2 Segment Introduction by End User

6.2.1 Pharmaceutical & Biotechnology Companies

6.2.2 Academic & Research Institutes

6.2.3 Cosmetics Industry

6.2.4 Others

#### 6.2.5 Others

### 6.3 Market Segment by End User

#### 6.3.1 World Human Organs-on-Chips Market Size by End User (2018-2023)

#### 6.3.2 World Human Organs-on-Chips Market Size by End User (2024-2029)

#### 6.3.3 World Human Organs-on-Chips Market Size by End User (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Emulate

#### 7.1.1 Emulate Details

#### 7.1.2 Emulate Major Business

#### 7.1.3 Emulate Human Organs-on-Chips Product and Services

#### 7.1.4 Emulate Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)

#### 7.1.5 Emulate Recent Developments/Updates

#### 7.1.6 Emulate Competitive Strengths & Weaknesses

### 7.2 Mimetas

#### 7.2.1 Mimetas Details

#### 7.2.2 Mimetas Major Business

#### 7.2.3 Mimetas Human Organs-on-Chips Product and Services

#### 7.2.4 Mimetas Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)

#### 7.2.5 Mimetas Recent Developments/Updates

#### 7.2.6 Mimetas Competitive Strengths & Weaknesses

### 7.3 TissUse

#### 7.3.1 TissUse Details

#### 7.3.2 TissUse Major Business

#### 7.3.3 TissUse Human Organs-on-Chips Product and Services

#### 7.3.4 TissUse Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)

#### 7.3.5 TissUse Recent Developments/Updates

#### 7.3.6 TissUse Competitive Strengths & Weaknesses

### 7.4 Valo Health

#### 7.4.1 Valo Health Details

#### 7.4.2 Valo Health Major Business

#### 7.4.3 Valo Health Human Organs-on-Chips Product and Services

#### 7.4.4 Valo Health Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)

#### 7.4.5 Valo Health Recent Developments/Updates

- 7.4.6 Valo Health Competitive Strengths & Weaknesses
- 7.5 CN Bio Innovations
  - 7.5.1 CN Bio Innovations Details
  - 7.5.2 CN Bio Innovations Major Business
  - 7.5.3 CN Bio Innovations Human Organs-on-Chips Product and Services
  - 7.5.4 CN Bio Innovations Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.5.5 CN Bio Innovations Recent Developments/Updates
  - 7.5.6 CN Bio Innovations Competitive Strengths & Weaknesses
- 7.6 Hesperos
  - 7.6.1 Hesperos Details
  - 7.6.2 Hesperos Major Business
  - 7.6.3 Hesperos Human Organs-on-Chips Product and Services
  - 7.6.4 Hesperos Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Hesperos Recent Developments/Updates
  - 7.6.6 Hesperos Competitive Strengths & Weaknesses
- 7.7 Draper Laboratory
  - 7.7.1 Draper Laboratory Details
  - 7.7.2 Draper Laboratory Major Business
  - 7.7.3 Draper Laboratory Human Organs-on-Chips Product and Services
  - 7.7.4 Draper Laboratory Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Draper Laboratory Recent Developments/Updates
  - 7.7.6 Draper Laboratory Competitive Strengths & Weaknesses
- 7.8 Nortis
  - 7.8.1 Nortis Details
  - 7.8.2 Nortis Major Business
  - 7.8.3 Nortis Human Organs-on-Chips Product and Services
  - 7.8.4 Nortis Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Nortis Recent Developments/Updates
  - 7.8.6 Nortis Competitive Strengths & Weaknesses
- 7.9 Micronit Microtechnologies B.V.
  - 7.9.1 Micronit Microtechnologies B.V. Details
  - 7.9.2 Micronit Microtechnologies B.V. Major Business
  - 7.9.3 Micronit Microtechnologies B.V. Human Organs-on-Chips Product and Services
  - 7.9.4 Micronit Microtechnologies B.V. Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)

- 7.9.5 Micronit Microtechnologies B.V. Recent Developments/Updates
- 7.9.6 Micronit Microtechnologies B.V. Competitive Strengths & Weaknesses
- 7.10 Kirkstall
  - 7.10.1 Kirkstall Details
  - 7.10.2 Kirkstall Major Business
  - 7.10.3 Kirkstall Human Organs-on-Chips Product and Services
  - 7.10.4 Kirkstall Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Kirkstall Recent Developments/Updates
  - 7.10.6 Kirkstall Competitive Strengths & Weaknesses
- 7.11 Cherry Biotech SAS
  - 7.11.1 Cherry Biotech SAS Details
  - 7.11.2 Cherry Biotech SAS Major Business
  - 7.11.3 Cherry Biotech SAS Human Organs-on-Chips Product and Services
  - 7.11.4 Cherry Biotech SAS Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Cherry Biotech SAS Recent Developments/Updates
  - 7.11.6 Cherry Biotech SAS Competitive Strengths & Weaknesses
- 7.12 Else Kooi Laboratory
  - 7.12.1 Else Kooi Laboratory Details
  - 7.12.2 Else Kooi Laboratory Major Business
  - 7.12.3 Else Kooi Laboratory Human Organs-on-Chips Product and Services
  - 7.12.4 Else Kooi Laboratory Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Else Kooi Laboratory Recent Developments/Updates
  - 7.12.6 Else Kooi Laboratory Competitive Strengths & Weaknesses
- 7.13 Altis Biosystems
  - 7.13.1 Altis Biosystems Details
  - 7.13.2 Altis Biosystems Major Business
  - 7.13.3 Altis Biosystems Human Organs-on-Chips Product and Services
  - 7.13.4 Altis Biosystems Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Altis Biosystems Recent Developments/Updates
  - 7.13.6 Altis Biosystems Competitive Strengths & Weaknesses
- 7.14 Bi/ond
  - 7.14.1 Bi/ond Details
  - 7.14.2 Bi/ond Major Business
  - 7.14.3 Bi/ond Human Organs-on-Chips Product and Services
  - 7.14.4 Bi/ond Human Organs-on-Chips Revenue, Gross Margin and Market Share

(2018-2023)

7.14.5 Bi/ond Recent Developments/Updates

7.14.6 Bi/ond Competitive Strengths & Weaknesses

7.15 Netri

7.15.1 Netri Details

7.15.2 Netri Major Business

7.15.3 Netri Human Organs-on-Chips Product and Services

7.15.4 Netri Human Organs-on-Chips Revenue, Gross Margin and Market Share

(2018-2023)

7.15.5 Netri Recent Developments/Updates

7.15.6 Netri Competitive Strengths & Weaknesses

7.16 Xona Microfluidics

7.16.1 Xona Microfluidics Details

7.16.2 Xona Microfluidics Major Business

7.16.3 Xona Microfluidics Human Organs-on-Chips Product and Services

7.16.4 Xona Microfluidics Human Organs-on-Chips Revenue, Gross Margin and

Market Share (2018-2023)

7.16.5 Xona Microfluidics Recent Developments/Updates

7.16.6 Xona Microfluidics Competitive Strengths & Weaknesses

7.17 SynVivo

7.17.1 SynVivo Details

7.17.2 SynVivo Major Business

7.17.3 SynVivo Human Organs-on-Chips Product and Services

7.17.4 SynVivo Human Organs-on-Chips Revenue, Gross Margin and Market Share

(2018-2023)

7.17.5 SynVivo Recent Developments/Updates

7.17.6 SynVivo Competitive Strengths & Weaknesses

7.18 Beijing Daxiang Biotech

7.18.1 Beijing Daxiang Biotech Details

7.18.2 Beijing Daxiang Biotech Major Business

7.18.3 Beijing Daxiang Biotech Human Organs-on-Chips Product and Services

7.18.4 Beijing Daxiang Biotech Human Organs-on-Chips Revenue, Gross Margin and

Market Share (2018-2023)

7.18.5 Beijing Daxiang Biotech Recent Developments/Updates

7.18.6 Beijing Daxiang Biotech Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

### **8.1 Human Organs-on-Chips Industry Chain**

8.2 Human Organs-on-Chips Upstream Analysis

8.3 Human Organs-on-Chips Midstream Analysis

8.4 Human Organs-on-Chips Downstream Analysis

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Human Organs-on-Chips Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Human Organs-on-Chips Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Human Organs-on-Chips Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Human Organs-on-Chips Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Human Organs-on-Chips Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Human Organs-on-Chips Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Human Organs-on-Chips Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Human Organs-on-Chips Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Human Organs-on-Chips Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Human Organs-on-Chips Players in 2022

Table 12. World Human Organs-on-Chips Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Human Organs-on-Chips Company Evaluation Quadrant

Table 14. Head Office of Key Human Organs-on-Chips Player

Table 15. Human Organs-on-Chips Market: Company Product Type Footprint

Table 16. Human Organs-on-Chips Market: Company Product Application Footprint

Table 17. Human Organs-on-Chips Mergers & Acquisitions Activity

Table 18. United States VS China Human Organs-on-Chips Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Human Organs-on-Chips Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Human Organs-on-Chips Companies, Headquarters (States, Country)

Table 21. United States Based Companies Human Organs-on-Chips Revenue, (2018-2023) & (USD Million)



Table 22. United States Based Companies Human Organs-on-Chips Revenue Market Share (2018-2023)

Table 23. China Based Human Organs-on-Chips Companies, Headquarters (Province, Country)

Table 24. China Based Companies Human Organs-on-Chips Revenue, (2018-2023) & (USD Million)

Table 25. China Based Companies Human Organs-on-Chips Revenue Market Share (2018-2023)

Table 26. Rest of World Based Human Organs-on-Chips Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Human Organs-on-Chips Revenue, (2018-2023) & (USD Million)

Table 28. Rest of World Based Companies Human Organs-on-Chips Revenue Market Share (2018-2023)

Table 29. World Human Organs-on-Chips Market Size by Type, (USD Million), 2018 & 2022 & 2029

Table 30. World Human Organs-on-Chips Market Size by Type (2018-2023) & (USD Million)

Table 31. World Human Organs-on-Chips Market Size by Type (2024-2029) & (USD Million)

Table 32. World Human Organs-on-Chips Market Size by End User, (USD Million), 2018 & 2022 & 2029

Table 33. World Human Organs-on-Chips Market Size by End User (2018-2023) & (USD Million)

Table 34. World Human Organs-on-Chips Market Size by End User (2024-2029) & (USD Million)

Table 35. Emulate Basic Information, Area Served and Competitors

Table 36. Emulate Major Business

Table 37. Emulate Human Organs-on-Chips Product and Services

Table 38. Emulate Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 39. Emulate Recent Developments/Updates

Table 40. Emulate Competitive Strengths & Weaknesses

Table 41. Mimetas Basic Information, Area Served and Competitors

Table 42. Mimetas Major Business

Table 43. Mimetas Human Organs-on-Chips Product and Services

Table 44. Mimetas Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 45. Mimetas Recent Developments/Updates



Table 46. Mimetas Competitive Strengths & Weaknesses

Table 47. TissUse Basic Information, Area Served and Competitors

Table 48. TissUse Major Business

Table 49. TissUse Human Organs-on-Chips Product and Services

Table 50. TissUse Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 51. TissUse Recent Developments/Updates

Table 52. TissUse Competitive Strengths & Weaknesses

Table 53. Valo Health Basic Information, Area Served and Competitors

Table 54. Valo Health Major Business

Table 55. Valo Health Human Organs-on-Chips Product and Services

Table 56. Valo Health Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 57. Valo Health Recent Developments/Updates

Table 58. Valo Health Competitive Strengths & Weaknesses

Table 59. CN Bio Innovations Basic Information, Area Served and Competitors

Table 60. CN Bio Innovations Major Business

Table 61. CN Bio Innovations Human Organs-on-Chips Product and Services

Table 62. CN Bio Innovations Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 63. CN Bio Innovations Recent Developments/Updates

Table 64. CN Bio Innovations Competitive Strengths & Weaknesses

Table 65. Hesperos Basic Information, Area Served and Competitors

Table 66. Hesperos Major Business

Table 67. Hesperos Human Organs-on-Chips Product and Services

Table 68. Hesperos Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 69. Hesperos Recent Developments/Updates

Table 70. Hesperos Competitive Strengths & Weaknesses

Table 71. Draper Laboratory Basic Information, Area Served and Competitors

Table 72. Draper Laboratory Major Business

Table 73. Draper Laboratory Human Organs-on-Chips Product and Services

Table 74. Draper Laboratory Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 75. Draper Laboratory Recent Developments/Updates

Table 76. Draper Laboratory Competitive Strengths & Weaknesses

Table 77. Nortis Basic Information, Area Served and Competitors

Table 78. Nortis Major Business

Table 79. Nortis Human Organs-on-Chips Product and Services

Table 80. Nortis Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 81. Nortis Recent Developments/Updates

Table 82. Nortis Competitive Strengths & Weaknesses

Table 83. Micronit Microtechnologies B.V. Basic Information, Area Served and Competitors

Table 84. Micronit Microtechnologies B.V. Major Business

Table 85. Micronit Microtechnologies B.V. Human Organs-on-Chips Product and Services

Table 86. Micronit Microtechnologies B.V. Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 87. Micronit Microtechnologies B.V. Recent Developments/Updates

Table 88. Micronit Microtechnologies B.V. Competitive Strengths & Weaknesses

Table 89. Kirkstall Basic Information, Area Served and Competitors

Table 90. Kirkstall Major Business

Table 91. Kirkstall Human Organs-on-Chips Product and Services

Table 92. Kirkstall Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 93. Kirkstall Recent Developments/Updates

Table 94. Kirkstall Competitive Strengths & Weaknesses

Table 95. Cherry Biotech SAS Basic Information, Area Served and Competitors

Table 96. Cherry Biotech SAS Major Business

Table 97. Cherry Biotech SAS Human Organs-on-Chips Product and Services

Table 98. Cherry Biotech SAS Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 99. Cherry Biotech SAS Recent Developments/Updates

Table 100. Cherry Biotech SAS Competitive Strengths & Weaknesses

Table 101. Else Kooi Laboratory Basic Information, Area Served and Competitors

Table 102. Else Kooi Laboratory Major Business

Table 103. Else Kooi Laboratory Human Organs-on-Chips Product and Services

Table 104. Else Kooi Laboratory Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 105. Else Kooi Laboratory Recent Developments/Updates

Table 106. Else Kooi Laboratory Competitive Strengths & Weaknesses

Table 107. Altis Biosystems Basic Information, Area Served and Competitors

Table 108. Altis Biosystems Major Business

Table 109. Altis Biosystems Human Organs-on-Chips Product and Services

Table 110. Altis Biosystems Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 111. Altis Biosystems Recent Developments/Updates
Table 112. Altis Biosystems Competitive Strengths & Weaknesses
Table 113. Bi/ond Basic Information, Area Served and Competitors
Table 114. Bi/ond Major Business
Table 115. Bi/ond Human Organs-on-Chips Product and Services
Table 116. Bi/ond Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 117. Bi/ond Recent Developments/Updates
Table 118. Bi/ond Competitive Strengths & Weaknesses
Table 119. Netri Basic Information, Area Served and Competitors
Table 120. Netri Major Business
Table 121. Netri Human Organs-on-Chips Product and Services
Table 122. Netri Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 123. Netri Recent Developments/Updates
Table 124. Netri Competitive Strengths & Weaknesses
Table 125. Xona Microfluidics Basic Information, Area Served and Competitors
Table 126. Xona Microfluidics Major Business
Table 127. Xona Microfluidics Human Organs-on-Chips Product and Services
Table 128. Xona Microfluidics Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 129. Xona Microfluidics Recent Developments/Updates
Table 130. Xona Microfluidics Competitive Strengths & Weaknesses
Table 131. SynVivo Basic Information, Area Served and Competitors
Table 132. SynVivo Major Business
Table 133. SynVivo Human Organs-on-Chips Product and Services
Table 134. SynVivo Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 135. SynVivo Recent Developments/Updates
Table 136. Beijing Daxiang Biotech Basic Information, Area Served and Competitors
Table 137. Beijing Daxiang Biotech Major Business
Table 138. Beijing Daxiang Biotech Human Organs-on-Chips Product and Services
Table 139. Beijing Daxiang Biotech Human Organs-on-Chips Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 140. Global Key Players of Human Organs-on-Chips Upstream (Raw Materials)
Table 141. Human Organs-on-Chips Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Human Organs-on-Chips Picture
- Figure 2. World Human Organs-on-Chips Total Market Size: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Human Organs-on-Chips Total Market Size (2018-2029) & (USD Million)
- Figure 4. World Human Organs-on-Chips Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)
- Figure 5. World Human Organs-on-Chips Revenue Market Share by Region (2018-2029), (by Headquarter Location)
- Figure 6. United States Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 7. China Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 8. Europe Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 9. Japan Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 10. South Korea Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 11. ASEAN Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 12. India Based Company Human Organs-on-Chips Revenue (2018-2029) & (USD Million)
- Figure 13. Human Organs-on-Chips Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)
- Figure 16. World Human Organs-on-Chips Consumption Value Market Share by Region (2018-2029)
- Figure 17. United States Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)
- Figure 18. China Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)
- Figure 19. Europe Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)

Figure 20. Japan Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)

Figure 21. South Korea Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)

Figure 22. ASEAN Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)

Figure 23. India Human Organs-on-Chips Consumption Value (2018-2029) & (USD Million)

Figure 24. Producer Shipments of Human Organs-on-Chips by Player Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Human Organs-on-Chips Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Human Organs-on-Chips Markets in 2022

Figure 27. United States VS China: Human Organs-on-Chips Revenue Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Human Organs-on-Chips Consumption Value Market Share Comparison (2018 & 2022 & 2029)

Figure 29. World Human Organs-on-Chips Market Size by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Human Organs-on-Chips Market Size Market Share by Type in 2022

Figure 31. Brain-on-a-chip

Figure 32. Liver-on-a-chip

Figure 33. Kidney-on-a-chip

Figure 34. Lung-on-a-chip

Figure 35. Heart-on-a-chip

Figure 36. Intestine-on-a-chip

Figure 37. Vessel-on-a-chip

Figure 38. Other Organs

Figure 39. World Human Organs-on-Chips Market Size Market Share by Type (2018-2029)

Figure 40. World Human Organs-on-Chips Market Size by End User, (USD Million), 2018 & 2022 & 2029

Figure 41. World Human Organs-on-Chips Market Size Market Share by End User in 2022

Figure 42. Pharmaceutical & Biotechnology Companies

Figure 43. Academic & Research Institutes

Figure 44. Cosmetics Industry

Figure 45. Others

Figure 46. Human Organs-on-Chips Industrial Chain

Figure 47. Methodology

Figure 48. Research Process and Data Source

## I would like to order

Product name: Global Human Organs-on-Chips Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G661F16E5EE6EN.html>

Price: US\$ 4,480.00 (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/G661F16E5EE6EN.html>