

# Europe Organoids Services Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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## Abstracts

The Europe organoids services market is projected to grow significantly, reaching approximately US\$ 5,016.03 million by 2031, up from US\$ 1,233.51 million in 2024. This growth represents a compound annual growth rate (CAGR) of 22.2% from 2024 to 2031.

## Executive Summary and Market Analysis

The market for organoid services in Europe is divided into several key regions, including Germany, France, the UK, Spain, Italy, and the Rest of Europe. The growth in this market is driven by several factors, including the increasing demand for tissue engineering and organ transplantation, the rising use of organoids in disease modeling, gene mutation studies, and tumor modeling, as well as a surge in research and development focused on organoids. Additionally, enhanced funding and investments from both public and private sectors are expected to create substantial opportunities in the market in the near future.

## Market Segmentation Analysis

The Europe organoids services market can be segmented based on type, application, and source:

By Type: The market is categorized into various organ types, including intestine, liver, stomach, pancreas, lung, brain, kidney, and others. In 2024, the intestine

segment is anticipated to hold the largest market share.

**By Application:** The applications of organoids are segmented into developmental biology disease, pathology of infectious diseases, regenerative medicine, drug toxicity and efficacy testing, drug discovery and personalized medicine, among others. The developmental biology disease segment is expected to dominate the market in 2024.

**By Source:** The market is also segmented by the source of organoids, which includes pluripotent stem cells and organ-specific adult stem cells. The pluripotent stem cells segment is projected to have a larger market share in 2024.

## **Market Outlook**

The increasing demand for personalized medicine in Europe is a significant factor influencing the advancement and application of organoid technologies, particularly in oncology and genetic disorders. A notable collaboration between King's College London and GSK exemplifies this trend, where researchers are developing patient-derived lung cancer organoids to predict relapse and identify effective treatment combinations. These organoids are designed to reflect the unique genetic mutations found in each patient's cancer, facilitating tailored therapy selection. Furthermore, the European Medicines Agency (EMA) has recognized the importance of organoid technology in precision medicine, supporting innovative methods like organoids through its adaptive pathways initiative to expedite the approval of new therapies, thus bridging the gap between research and clinical application.

## **Country Insights**

The Europe organoids services market includes key countries such as the UK, France, Germany, Spain, Italy, and the Rest of Europe. Germany is expected to hold the largest market share in 2024.

The demand for organoid services in Germany is on the rise, driven by advancements in tissue engineering and organ transplantation, along with ongoing organoid research. The country's robust research sector is leading to the emergence of new organoid

generation methods, enhancing their role in human disease modeling and opening new research avenues. Germany's biotechnology industry shows significant growth potential, supported by the high quality of its products. Numerous companies specializing in organoid services operate within the country, such as the Max Delbrück Center in Berlin, which provides platform services for organoid derivation and characterization.

## **Company Profiles**

Key players in the Europe organoids services market include CUSABIO TECHNOLOGY LLC, Cyprio, Eurofins Scientific SE, HUB Organoids B.V. (Hubrecht Organoid Technology), InnoSer, InSphero, LABTOO, Molecular Devices, LLC, Oncodesign Services, and Sino Biological Inc., among others. These companies are employing various strategies, including expansion, product innovation, and mergers and acquisitions, to enhance their offerings and increase their market presence.

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