

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

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## Abstracts

The Asia Pacific organoids services market is projected to grow significantly, reaching approximately US\$ 2,327.10 million by 2031, up from US\$ 515.83 million in 2024, reflecting a robust compound annual growth rate (CAGR) of 24.0% during the forecast period from 2024 to 2031.

## Executive Summary and Market Analysis

The market is divided into several regions, including Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. The rapid growth in this region is driven by several factors, including the increasing adoption of organoids, government initiatives to promote awareness of human organoids, supportive regulatory frameworks for the development and commercialization of advanced organoid products, and a rise in funding for organoid research.

## Market Segmentation Analysis

The Asia Pacific organoids services market can be segmented by type, application, and source:

**By Type:** The market includes segments such as intestine, liver, stomach, pancreas, lung, brain, kidney, and others. In 2024, the intestine segment is expected to dominate the market share.

**By Application:** The applications are categorized into developmental biology disease, pathology of infectious disease, regenerative medicine, drug toxicity and efficacy testing, drug discovery and personalized medicine, among others. The developmental biology disease segment is anticipated to hold the largest market share in 2024.

**By Source:** The market is divided into pluripotent stem cells and organ-specific adult stem cells, with the pluripotent stem cells segment expected to lead in market share in 2024.

## Market Outlook

The healthcare sector's advancements have led to increased demand for organoids globally, fostering new product developments, acquisitions, partnerships, and product launches. Recent notable developments in the market include:

June 2024: Molecular Devices, LLC opened a new facility in Cardiff, UK, designed for large-scale production of patient-derived organoids (PDOs) using innovative bioprocess technology.

May 2024: InSphero entered a partnership with Genome Biologics to commercialize a 3D Cardiac Organoid Platform, enhancing heart disease research capabilities.

January 2024: HUB Organoids launched IntegriGut Screen services, utilizing IBD patient-derived organoid monolayers to support the development of new IBD therapies.

July 2023: Molecular Devices expanded its custom organoid line service for high-throughput applications.

February 2023: A strategic collaboration between Molecular Devices and HUB Organoids aimed to advance 3D biology technologies to reduce drug attrition rates.

December 2022: Molecular Devices acquired Cellesce Ltd. to enhance PDO production capabilities for drug screening.

August 2021: STEMCELL Technologies partnered with HUB to provide tissue-derived organoids for preclinical testing.

May 2020: CELLINK collaborated with AstraZeneca to develop 3D bioprinted liver organoids for drug discovery.

February 2020: InnoSer and OrganoTherapeutics announced a collaboration to commercialize midbrain organoids for Parkinson's disease research.

These developments indicate a vibrant market landscape with numerous opportunities for growth in organoid services.

## Country Insights

The Asia Pacific Organoids Services Market includes key countries such as Australia, China, India, Japan, South Korea, and others. China is expected to hold the largest market share in 2024, driven by the growing interest in personalized medicine, which fuels organoid research and development. Notable initiatives in China include a partnership between HUB and BGI-Qingdao to enhance personalized care and the introduction of a robot with a human brain organoid, showcasing advancements in organoid technology.

## Company Profiles

Key players in the Asia Pacific organoids services market include CUSABIO TECHNOLOGY LLC, Cyprio, Eurofins Scientific SE, HUB Organoids B.V., InnoSer, InSphero, LABTOO, Molecular Devices, LLC, Oncodesign Services, and Sino Biological Inc. These companies are pursuing various strategies such as market expansion, product innovation, and mergers and acquisitions to enhance their offerings and increase market share.

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