

Organ-on-a-Chip: Global Markets

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Abstracts

Report Scope:

The scope of this report covers various types of products available in the organ-on-a-chip market and potential application sectors in various industries. The organ-on-a-chip market is broken down into various segments. Revenue forecasts from 2019 to 2026 are given for each type, application, offering and end user. Revenue generated from the installation and maintenance of instruments has been excluded from the report. The application segment is characterized by various types, including drug discovery and development, toxicological research, and physiological model development, and by end-use industry, including academic and research institutes, pharmaceutical and biotechnology companies, cosmetics industry and other end users. By type market is segmented to liver, lung, kidney, heart and others. The report also focuses on regional segmentation of the market.

Further, it explains the major drivers and regional dynamics of the global market and current trends within the industry. It also includes information about the industry structure and competitive landscape as well as the impact of COVID-19 on the market. The report includes detailed profiles of the major players in the global organ-on-a-chip market.

Report Includes:

55 data tables and 29 additional tables

An up-to-date review and analysis of the global markets for organ-on-a-chip within the biotech industry

Analyses of the global market trends, with data from 2019 to 2021, and

projections of compound annual growth rates (CAGRs) through 2026

Information on multi-channel 3-D microfluidic cell culture chip, and discussion of their ability to imitate human microenvironment in vitro

Evaluation and forecast the global organ-on-a-chip market size, and corresponding market share analysis by technology offering, organ type, application, end-user vertical and region

Discussion on how organ-on-a-chip is emerging as a priority testing alternative which is replacing animals in life science research, toxicology testing and drug development studies

Review of potential applications in pharmaceutical and life science research sectors, including preclinical drugs testing, drug screening, personalized medicine, phenotypic screening, lead optimization and disease modelling

Insights into the recent industry structure including the government programs and policies in support of organ-on-a-chip and coverage of revised laws involving animal testing

Review of patent grants for innovations in organ-on-a-chip technology across each major category

Descriptive company profiles of the leading global players, including 4Dcell, BiomimX, Emulate Inc., Kirkstall Ltd., Nortis and TissUse GmbH

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