

Organs on Chips Market to surpass USD 262.6 Million by 2030, grow at 30.76% CAGR | Exactitude Consultancy

The organs-on-chips market is expected to grow at 30.76% CAGR from 2023 to 2030. It is expected to reach above USD 262.6 Million by 2030.

LUTON, BEDFORDSHIRE, UNITED KINGDOM, December 13, 2023 /EINPresswire.com/ -- Exactitude Consultancy, the market research and consulting wing of Ameliorate Digital Consultancy Private Limited has completed and published the final copy of the detailed research report on the [Organs on Chips Market](#).



Global Organs on Chips market Size, Status, and Forecast for the 2023-2029. In-depth research has been compiled to provide the most up-to-date information on key aspects of the worldwide

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Organs-on-chips market aim to maintain physiological conditions, including temperature, oxygen levels, and mechanical forces, to closely mimic the in vivo environment.”

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market. This research report covers major aspects of the Organs on Chips Market including drivers, restraints, historical and current trends, regulatory scenarios, and technological advancements. The information provided under this section covers the financial revenue of all the major competitors with the addition of product benchmarking, key developments, major region expansion status, and SWOT analysis of any 3 to 5 top market players Furthermore, the microeconomic and macroeconomic factor that affects the market growth is also studied in order to invest in the market. The analysis of all such

factors provides a better understanding of the market to achieve the greatest return in terms of revenue.

Organs-on-chips (OOCs) Market represent a cutting-edge technology in the field of biomedical

research and drug development. They are microfabricated devices that simulate the structure and function of human organs in a controlled, in vitro environment. The goal of organs-on-chips is to provide more physiologically relevant models for studying human biology and disease compared to traditional cell culture or animal models.

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Organs on Chips Market Top Key Players:

The organs on chips market key players include TissUse GmbH, Allevi Inc., MIMETAS BV, Netri, BiomimX SRL, Elveflow, Altis Biosystems, Nortis Inc., InSphero, Emulate Inc.

Recent Developments:

On November 2022, TissUse received fund from the Bill & Melinda Gates Foundation to developed a human preclinical lung-liver-lymph node co-culture on a HUMIMIC Chip infectable with Mycobacterium tuberculosis. This collaboration contributed to the development of Tuberculosis vaccine candidates and treatment modalities.

On November 2022, The FDA Modernization Act 2.0 aim, in short, to update the U.S. Federal Food, Drug, and Cosmetic Act of 1938 by removing the requirement for animal testing before new pharmaceutical products reached the market. In essence, this law from the 1930s state that all new drugs and cosmetics must be tested on animals before moving on to clinical trials and being approved for human use.

Regional Share Analysis:

The organs on chips market by region includes North America, Asia-Pacific (APAC), Europe, South America, and Middle East & Africa (MEA).

North America: includes the US, Canada, Mexico, and Rest of North America

Asia Pacific: includes China, Japan, South Korea, India, Australia, and Rest of APAC

Europe: includes UK, Germany, France, Italy, Spain, Russia, and Rest of Europe

South America: includes Brazil, Argentina, and Rest of South America

Middle East & Africa: includes UAE, South Africa, Saudi Arabia, and Rest of MEA

In 2022, North America had a market share of more than 41%, The rising healthcare applications and cutting-edge technical breakthroughs in the region are mostly to blame for the huge expansion of the North American organs-on-chips market. The region's economic development is further facilitated by the presence of top-tier experts and researchers.

Additionally, the market is growing due to the notable presence of leading suppliers and

manufacturers of organs on chips on a global scale. These factors will ultimately increase the demand for organ-on-chip goods in the local market. According to predictions, Asia-Pacific will gain market share. Due to increased disposable income among the public and favorable government funding for regenerative medicine research facilities, the market in the area will expand. Product innovation, cooperative relationships, and private-public strategic alliances will soon increase the market's size.

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Key Market Segments: Organs on Chips Market

Organs on chips Market by Organ Type, 2020-2030, (USD Million)

Liver
Heart
Lung
Other Organ Types

Organs on chips Market by Application, 2020-2030, (USD Million)

Drug Discovery
Toxicology Research
Others

Organs on chips Market by End User, 2020-2030, (USD Million)

Pharmaceutical and Biotechnology Companies
Academic and Research Institutes
Other

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Strategic points covered in the Organs on Chips market catalogue:

Introduction, market driving force product research goals and research scope global [Organs on Chips market \(2023-2029\)](#).

Exclusive Summary – Basic information on the global Organs on Chips market.

The changing impact on market dynamics - global party supplies driving factors, trends, challenges and opportunities; post-COVID analysis.

Introduction global Organs on Chips market factors, after COVID impact analysis, Porter's five force, the supply / value chain, PESTEL analysis, market entropy, patent / trademark analysis.

Show 2017-2023 by type, end user and region/country.

Assess the leading manufacturers of the global Organs on Chips market, including their competitive landscape, peer analysis, BCG matrix and company profile.

Evaluate the market-by-market segments, countries/regions and manufacturers/companies, the revenue share and sales of these companies/companies in these different regions of the main countries/regions (2023-2029).

... To be continued

Global Organs on Chips: Research Methodology

The research methodology adopted by our company is the integration of primary research, secondary research, and expertise reviews. Secondary research is performed by considering the sources such as company annual reports, research papers, and press releases concerning the industry. Other sources involve industry magazines, trade journals, associations; the government authorized information in order to incorporate the most reliable data to showcase the opportunities for the business expansion in Global Organs on Chips.

Frequently Asked Questions Section

What is the expected growth rate of the organs on chips market over the next 7 years?

Who are the major players in the organs on chips market and what is their market share?

What are the end user industries driving demand for market and what is their outlook?

What are the opportunities for growth in emerging markets such as Asia-Pacific, Middle East, And Africa?

How is the economic environment affecting the organs on chips market, including factors such as interest rates, inflation, and exchange rates?

What is the expected impact of government policies and regulations on the organs on chips market?

What is the current and forecasted size and growth rate of the global organs on chips market?

What are the key drivers of growth in the organs on chips market?

Who are the major players in the market and what is their market share?

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Biosimulation Market by Product (Software, Molecular Simulation, In House, Contract Services), Application (Clinical Trials, PKPD, ADME), Delivery (Subscription, Ownership), End User (Biotech, Pharma Companies, CROs, Regulatory) and by Region (North America, Latin America, Europe, Asia Pacific and Middle East & Africa), Global trends and forecast from 2022 to 2029

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Blood Collection Devices Market by Product (Tubes (Plasma (EDTA, Heparin), Serum), Needles & Syringes, Blood Bags, Monitors), Method (Manual, Automated), Application (Diagnostic, Therapeutic), End User (Hospitals, Blood Banks) and by Region (North America, Latin America, Europe, Asia Pacific and Middle East & Africa), Global trends and forecast from 2022 to 2029

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Amniotic Product Market by Type (Amniotic Membrane {Cryopreserved Amniotic Membranes, Dehydrated Amniotic Membranes} Amniotic Suspensions) Application (Wound Care, Orthopedic, Ophthalmology) End Use (Hospitals and ASCs, Specialty Clinic, Home Healthcare) and by Region (North America, Europe, Asia Pacific, South America, Middle East and Africa) Global Trends and Forecast from 2023 to 2029

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Anesthesia Monitoring Devices Market by Product (Advanced Anesthesia Monitors, Basic Anesthesia Monitors, Integrated Workstations), End Use (Hospitals, Specialty Clinic, Ambulatory Settings) and by Region (North America, Europe, Asia Pacific, South America, Middle East and Africa) Global Trends and Forecast from 2023 to 2029

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