

Single-cell Omics Market Size, Trends, Analysis, and Outlook By Product (Single-Cell Genomics, Single-Cell Transcriptomics, Single-Cell Proteomics, Single-Cell Metabolomics), By Application (Oncology, Cell Biology, Neurology, Immunology), By End-user (Academic and Research Organizations, Pharmaceutical & Biotechnology Companies, Hospital and Diagnostic Laboratories, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Single-cell Omics market size is poised to register 18.3% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Single-cell Omics market across By Product (Single-Cell Genomics, Single-Cell Transcriptomics, Single-Cell Proteomics, Single-Cell Metabolomics), By Application (Oncology, Cell Biology, Neurology, Immunology), By End-user (Academic and Research Organizations, Pharmaceutical & Biotechnology Companies, Hospital and Diagnostic Laboratories, Others).

The Single-cell Omics market is witnessing rapid growth, driven by advancements in single-cell analysis technologies, increasing research interest in cellular heterogeneity, and the growing applications of single-cell omics in biomedical research and precision medicine. Single-cell omics techniques enable the comprehensive characterization of individual cells at the genomic, transcriptomic, proteomic, and epigenomic levels, providing insights into cellular diversity, developmental processes, and disease mechanisms. These technologies have revolutionized our understanding of complex biological systems and hold promise for identifying novel therapeutic targets and

biomarkers. With ongoing innovations in microfluidics, sequencing, and computational analysis methods, the single-cell omics market is poised for further expansion, fueling discoveries in basic biology and translational research across diverse fields such as oncology, immunology, and neuroscience.

Single-cell Omics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Single-cell Omics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Single-cell Omics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Single-cell Omics industry.

Key market trends defining the global Single-cell Omics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Single-cell Omics Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Single-cell Omics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Single-cell Omics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Single-cell Omics industry

Leading Single-cell Omics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report

provides key strategies opted for by the top 10 Single-cell Omics companies.

Single-cell Omics Market Study- Strategic Analysis Review

The Single-cell Omics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Single-cell Omics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Single-cell Omics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Single-cell Omics Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Single-cell Omics Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Single-cell Omics market segments. Similarly, Strong end-user demand is encouraging Canadian Single-cell Omics companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Single-cell Omics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Single-cell Omics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Single-cell Omics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Single-cell Omics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Single-cell Omics Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Single-cell Omics in Asia Pacific. In particular, China, India, and South East Asian Single-cell Omics markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Single-cell Omics Market Size Outlook- Continued urbanization and rising

income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Single-cell Omics Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Single-cell Omics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Single-cell Omics.

Single-cell Omics Market Company Profiles

The global Single-cell Omics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are 10x Genomics, ANGLE plc, Becton, Dickinson and Company, Bio-Rad Laboratories Inc, CELLENION, CYTENA GmbH, Danaher Corp, Illumina Inc, Mission Bio, PerkinElmer Inc, Standard BioTools Inc

Recent Single-cell Omics Market Developments

The global Single-cell Omics market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Single-cell Omics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Single-Cell Genomics

Single-Cell Transcriptomics

Single-Cell Proteomics

Single-Cell Metabolomics

By Application

Oncology

Cell Biology

Neurology

Immunology

By End-User

Academic and Research Organizations

Pharmaceutical & Biotechnology Companies

Hospital and Diagnostic Laboratories

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

10x Genomics

ANGLE plc

Becton, Dickinson and Company

Bio-Rad Laboratories Inc

CELLENION

CYTENA GmbH

Danaher Corp

Illumina Inc

Mission Bio

PerkinElmer Inc

Standard BioTools Inc

Formats Available: Excel, PDF, and PPT

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Single-Cell Metabolomics

By Application

Oncology

Cell Biology

Neurology

Immunology

By End-User

Academic and Research Organizations

Pharmaceutical & Biotechnology Companies

Hospital and Diagnostic Laboratories

Others

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10X GENOMICS

ANGLE plc
Becton, Dickinson and Company
Bio-Rad Laboratories Inc
CELLENION
CYTENA GmbH
Danaher Corp
Illumina Inc
Mission Bio
PerkinElmer Inc
Standard BioTools Inc

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