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Global Single Cell Multiomics Market 2021-2031 by Product Type (Instruments, Consumables, Software), Omics Type (SCG, SCT, SCP, SCM), Application (Clinical Research, Translation Research, Synthetic Biology), Sample Type (Human, Animal, Microbial), Workflow (Single-Cell Isolation and Dispensing, Single-Cell Analysis), End User (Research and Academic Laboratories, Biopharma and Biotech Companies, CROs, Others), and Region: Trend Forecast and Growth Opportunity

https://marketpublishers.com/r/GF7089355160EN.html
Date: September 2022
Pages: 207
Price: US$ 2,635.00 (Single User License)
ID: GF7089355160EN

Abstracts

Global single cell multiomics market will reach $14,369.5 million by 2031, growing by 18.6% annually over 2021-2031, driven by the rising prevalence of chronic diseases along with the aging population, the widespread product adoption for visualization and analysis, technological advancements along with the rising R&D investment, and the significant growth in the pharmaceutical industry especially personalized medication.

Highlighted with 89 tables and 109 figures, this 207-page report “Global Single Cell Multiomics Market 2021-2031 by Product Type (Instruments, Consumables, Software), Omics Type (SCG, SCT, SCP, SCM), Application (Clinical Research, Translation Research, Synthetic Biology), Sample Type (Human, Animal, Microbial), Workflow (Single-Cell Isolation and Dispensing, Single-Cell Analysis), End User (Research and Academic Laboratories, Biopharma and Biotech Companies, CROs, Others), and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global single cell multiomics market and all its sub-segments

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through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2019-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter’s Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify global single cell multiomics market in every aspect of the classification from perspectives of Product Type, Omics Type, Application, Sample Type, Workflow, End User, and Region.

Based on Product Type, the global market is segmented into the following sub-markets with annual revenue ($ mn) for 2021-2031 included in each section.

Instruments

Consumables

Software

Based on Omics Type, the global market is segmented into the following sub-markets with annual revenue ($ mn) for 2021-2031 included in each section.

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- Single Cell Genomics (SCG)
- Single Cell Transcriptomics (SCT)
- Single Cell Proteomics (SCP)
- Single Cell Metabolomics (SCM)

By Application, the global market is segmented into the following sub-markets with annual revenue ($ mn) for 2021-2031 included in each section.

- Clinical Research
  - Oncology
  - Cell Therapy
  - Immunology
  - Neurology
  - Cell Biology
  - Other Types of Clinical Research
- Translation Research
- Synthetic Biology

By Sample Type, the global market is segmented into the following sub-markets with annual revenue ($ mn) for 2021-2031 included in each section.

- Human Samples
  - Cancer Tissues
  - Stem Cells

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- Immune Cells
- Brain Cells
- Other Human Samples
- Animal Samples
- Microbial Samples

By Workflow, the global market is segmented into the following sub-markets with annual revenue ($ mn) for 2021-2031 included in each section.

- Single-Cell Isolation and Dispensing
  - Fluorescence-Activated Cell Sorting (FACS)
  - Microfluidics
  - Magnetic-Activated Cell Sorting (MACS)
  - Random Seeding
  - Manual Cell Picking
  - Laser Capture Microdissection
  - Other Technologies of Single-Cell Isolation and Dispensing
- Single-Cell Analysis
  - Polymerase Chain Reaction
  - Next-Generation Sequencing
  - Mass Cytometry

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Mass Spectrometry

Other Technologies of Single-Cell Analysis

By End User, the global market is segmented into the following sub-markets with annual revenue ($ mn) for 2021-2031 included in each section.

Research and Academic Laboratories

Biopharmaceutical and Biotech Companies

Contract Research Organizations (CROs)

Other End Users

Geographically, the following regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Netherlands, Rest of Europe; Rest of Europe is further segmented into Russia, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE?Saudi Arabia? South Africa and Rest of MEA)

For each aforementioned region and country, detailed analysis and data for annual revenue ($ mn) are available for 2021-2031. The breakdown of all regional markets by country and split of each national market by Omics Type, Workflow and End User over the forecast years are also included.

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The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

10x Genomics, Inc.

1CellBio, Inc.

Becton, Dickinson and Company

Berkeley Lights, Inc.

BGI Genomics Co., Ltd.

Bio-Rad Laboratories, Inc.

Bio-Techne Corporation

BioTuring, Inc.

Danaher Corporation (Cytiva Life Sciences)

Dolomite Bio

Fluidigm Corporation

Fluxion Biosciences

Illimina, Inc

Mission Bio, Inc.

Namocell, Inc.

NanoString Technologies, Inc.

Parse Biosciences, Inc.

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Proteona

Qiagen N.V.

RareCyte, Inc.

Scipio Biosciences SAS

Shilps Sciences

Takara Bio Inc. (Takara Holdings)

Thermo Fisher Scientific Inc.

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