

Global Live Cell Imaging Market Size study & Forecast, by Products & Services (Instruments, Consumables, Software, Services), by Application (Cell Biology, Stem Cells, Developmental Biology, Drug Discovery), by End-User (Pharmaceutical & Biotechnology Companies, Academic & Research Institutes, Contract Research Organizations) and Regional Analysis, 2022-2029

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Abstracts

Global Live Cell Imaging Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Live cell imaging can be defined as the study of living cells via analysis systems or high content screening and imaging systems such as cell analyzers, microscopes and many more. These technologies are utilized in number of investigations that offer critical insights into the essential nature of tissue and cellular function. The live cell imaging system has become more popular in the healthcare industry. Rising incidence of cancer, surging adoption of high-content screening techniques in drug discovery, and increasing investments made in research funding are the few factors responsible for high CAGR of the market over the forecast period.

For instance, according to International Agency for Research on Cancer (IARC), approx. 19.3 million new cases of cancer are reported in UN regions in 2020. In the year 2040, it is anticipated that there would be about 28.4 million cases. Thus, the prevalence of cancer is on surging trend across the globe thereby, the need for live cell imaging is expected to increase around the world. Additionally, increasing application of high content screening (HCS) in personalized medicine and growing development of

new drugs are the major factors likely to create lucrative growth opportunity to the market in the upcoming years. However, the high cost of high-content screening systems and the shortage of skilled professionals' stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Live Cell Imaging Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to the availability of government funding for life science research, growing advancements in live cell imaging techniques and the rising incidence of cancer in the region. Whereas, Asia Pacific is also anticipated to exhibit highest growth rate over the forecast period, owing to factors such as increase in cancer prevalence, widespread outsourcing activities for research and development and growth in the demand for cancer detection techniques that would create lucrative growth prospects for the Live Cell Imaging market across Asia Pacific region.

Major market player included in this report are:

Danaher Corporation
Carl Zeiss AG
Nikon Corporation
Olympus Corporation
Perkinelmer
GE Healthcare
Thermo Fisher Scientific
Sartorius AG
Cytosmart Technologies
Biotek Instruments

Recent Developments in the Market:

In Sept. 2021, PHC Holdings Corporation's subsidiary PHC Corporation, a market leader in the development, design, and production of lab equipment, recently announced a collaboration with SCREEN Holdings Co. Ltd. The collaboration aims to market live-cell imaging instruments from the SCREEN Cell3iMager line in North America.

Global Live Cell Imaging Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Products & Services, Application, End-User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Products & Services:

Instruments

Consumables

Software

Services

By Application:

Cell Biology

Stem Cells

Developmental Biology

Drug Discovery

By End-User:

Pharmaceutical & Biotechnology Companies

Academic & Research Institutes

Contract Research Organizations

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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