

# Live Cell Imaging Market Outlook 2022

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## Abstracts

Live Cell Imaging is defined as the study of living cells using high content screening or analysis systems and imaging systems such as microscopes, cell analyzers, etc. These technologies are used in number of investigations in order to provide critical insights into the fundamental nature of tissue and cellular function.

The new report introduced by RNCOS entitled “Live Cell Imaging Market Outlook 2022”, includes a comprehensive analysis of the current and future outlooks of the Live Cell Imaging industry. The live cell imaging market is expected to reach US\$ 7 Billion by 2022.

The report presents an in-depth analysis of several techniques used in imaging of live cells; as well as the segmentation of market by products, applications, technology and geography. Based on product types, the market has been segmented into equipments, consumables and softwares. Equipment market is expected to account for the largest share in 2017. According to technologies used in live cell imaging, the market has been divided into FRET, FISH, and other major techniques.

Similarly, geographical regions include North America, Europe, Asia Pacific and Rest of the World. North America is the largest market for live cell imaging due to high number of cell biology researches conducted in the region. As per RNCOS’ analysis, live cell imaging is widely entering into a number of fields such as cell biology, developmental biology, drug discovery, stem cell biology, neurobiology and electrophysiology. It is emerging as a powerful tool for providing critical insights into cell function, including dynamic processes in living cells with nano-scale resolution in real time. Recent advances in microscopy techniques such as fluorescence light microscopy, including super resolution, photo activation, etc. and confocal microscopy are moving live cell imaging for a number of applications.

The last section of the report discusses about the prominent players in global live cell imaging market. A brief business overview and financial information about each of these players has been provided along with their product portfolios. The recent development and strength weakness analysis of every player has also been presented in the report. Overall, the research contains exhaustive information that will help clients in formulating market strategies and assessing opportunity areas in the global live cell imaging market.

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