

Europe Bio-Photonics Market (2016-2022)

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Abstracts

Factors such as rising incidences of chronic disorders, growing demand for non-invasive and nonionizing diagnostic modalities, and introduction of new and advanced technologies in the field of diagnostics and imaging would fuel the growth of the biophotonics market.

However, restrained rate of commercialization acts a hindrance to the market growth. The application areas of the technology are too vast and that is another challenge for the market growth. The rate of adoption of biophotonics is relatively slow due to price sensitivity, low acceptance from end users, and concerns related to quality, authenticity, and reliability of the products.

Use of nano technology in healthcare sector has led to sensing human cells and tissues. The use of biophotonics in treating cancer has been significant, as it helps in connecting with the directly affected cells and improves the process of curing. With the introduction of more and more advanced healthcare devices, the growth in biophotonics market would witnessed during the forecast period.

The adoption of Nanotechnology in biophotonics enhances the activity or sensing capability of biophotonics-based devices. Use of nano technology in healthcare sector has led to sensing human cells and tissues. The use of biophotonics in treating cancer has been significant, as it helps in connecting with the directly affected cells and improves the process of curing.

The report highlights the adoption of Bio-Photonics in Europe. Based on End User, the market is segmented into Tests & Components, Medical Therapeutics, Medical Diagnostics and Non-Medical Application. Based on Technology, the market is segmented into In-Vivo and In-Vitro. Based on Application, the market is segmented into See-Through Imaging, Microscopy, Inside Imaging, Spectro Molecular, Analytics

Sensing, Light Therapy, Surface Imaging and Biosensors. The countries included in the report are Germany, UK, France, Russia, Spain, Italy and Rest of Europe.

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