

Euro Biosensors 2020 Congress 2020 Conference Scheduled on August 04-05, 2020 at Zurich, Switzerland

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The total market was valued at 15.96 Billion in 2016 and is expected to reach 27.06 Billion by 2022, at an estimated CAGR of 8.84% during forecast period.

The report can be attributed to the continuous technological advancements in the biosensors ecosystem, increase in the use of biosensors for nonmedical applications, lucrative growth in POC diagnostics, and rise in the demand for glucose monitoring systems. Biosensors square measure investigatory devices composed of electrical device and biological part for providing analytical data. The global biosensors market is being driven by increasing prevalence of diabetic population, and rise in geriatric population.

Diabetes is a chronic and non-communicable disease, and its global prevalence is increasing enormously. Increasing demand of point of care testing, rising prevalence of chronic and lifestyle associated diseases, and increasing application of biosensors in various industries are some of the other factors driving the biosensors global market.

According to International Diabetes Federation, the number of people suffering from diabetes is expected to grow from 415 million in 2015 to almost 642 million by 2040 worldwide; this would increase the demand for biosensors used for monitoring glucose. The emergence of the nano biosensors, rapid technological advancements in the biosensors ecosystem, growing demand for glucose monitoring systems, and rising demand for home-based POC devices are driving the growth of the biosensors market. Most of the IT companies are significantly investing in this industry. Investments from major IT players such as IBM, Infosys, and TCS are expected to boost industry size. Significant funding has been made in Europe by Max-Planck Institute in collaboration with the Federal Government of Germany and other Europe countries like Italy and UK.

Growing aging population, increasing health awareness, rising chronic and lifestyle diseases, technological developments for various home use applications, and

appropriate insurance coverage are driving the biosensors market in North America. Similarly, in Europe, according to International Diabetic Federation in 2013, approximately 52 million people are suffering from diabetes. Thus increasing prevalence of diabetes would increase the usage of biosensor devices for the diagnosis.

[Biosensors](#) market is robust in emerging markets in Asia-Pacific with 11% CAGR (2008-2018) closely followed by 10.7% in highly developed market of the United States. Europe is the second largest, in terms of value, after the US with an estimated \$2.6 billion in 2012. This report reviews, analyses and projects the Biosensors market for global and the regional markets including the United States, Europe, Japan, Asia-Pacific and Rest of World. The regional markets further analyzed for 4 more independent countries in Europe – Germany, France, United Kingdom and Italy.

Members Associated with Biosensors Research

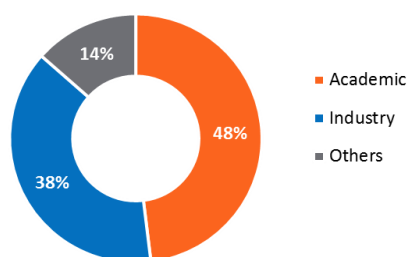
Scientists, Experts, Academic Professors, Practitioners, Software Professionals, Business delegates, scholars, Young researchers, Talented student community and researchers in the field of Biosensors, Biomedical engineering, Nanotechnology, Point of Care, Home Diagnostics, Biodefense, Food Industry and so on

Academia: 50%

Industry: 40%

Others: 10%

Target Audience



Some of the major associations/companies operating in the biosensors market are Abbott Point of Care Inc. (US), LifeSensors Inc. (US), Nova Biomedical Corp. (US), Acon Laboratories Inc. (US), Biacore (UK), Biosensors International Ltd. (Singapore), Sysmex Corporation (Japan), Siemens AG (Germany), DuPont (US), Bio-Rad Laboratories Inc. (US), Pharmaco-Kinesis Corporation (PKC), Universal Biosensors (Australia), LifeScan, Inc. (US), F. Hoffman-La Roche Ltd. (Switzerland), Medtronic, Inc. (US)

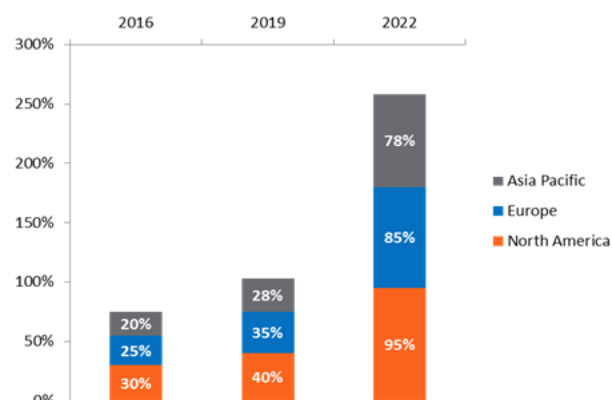
Key findings of Biosensors Market Research:

Biosensor refers to investigatory devices composed of electrical device and biological component for providing analytical info. The biosensors work on numerous technologies, together with electrochemical biosensors, optical biosensors, thermal biosensors and piezoelectric biosensors. Increasing prevalence of polygenic disease and manner iatrogenic diseases, increasing demand for POCT and rise in geriatric population square measure major factors driving the expansion of biosensors market. Strict regulatory requirements for biosensors inhibits the growth of biosensors market.

Geographically, North America has the most important share in international biosensors market, whereas Europe & Asia-Pacific has emerged as the fastest growing region in the market. Based on the technology, electrochemical biosensors have the largest share in the biosensors market.

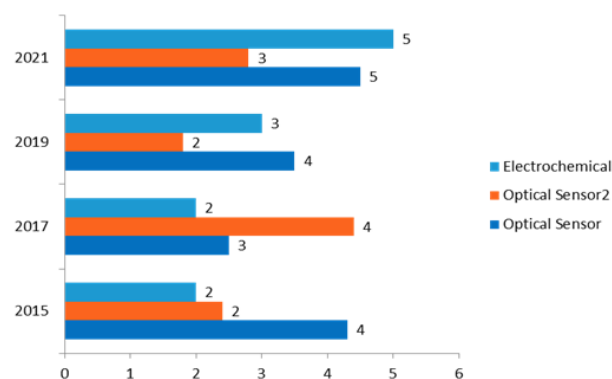
In this report, the biosensors market has been segmented on the basis of application, technology, product, and geography. In 2016, POC applications accounted for the largest share of the overall biosensors market. The development of accurate testing kits is contributory to the expansion of the biosensors marketplace for POC applications. Among wearable biosensors, wristwear biosensors accounted for the largest size of the

biosensors market in 2016. The market scope for optical biosensors is predicted to grow at a rate between 2017 and 2022. Optical biosensors are commonly used to analyze biomolecular interactions as these sensors can determine affinity and kinetics of a wide variety of molecular interactions in real time, without requiring a molecular tag or label. New applications are being discovered for optical sensors such as drug discovery, including target identification, ligand fishing, assay development, and manufacturing quality control. All the above discussed are responsible for highest growth rate of market for optical sensors between 2017 and 2022.



Biosensors Market By Technology

Electrochemical merchandise dominate the trade conducive to seventy one-Per cent of revenue share in 2015, and anticipated to exceed USD twenty one-billion by 2024.. However, optical biosensor market size is expected to grow at the fastest CAGR of 8.7% throughout the forecast period.

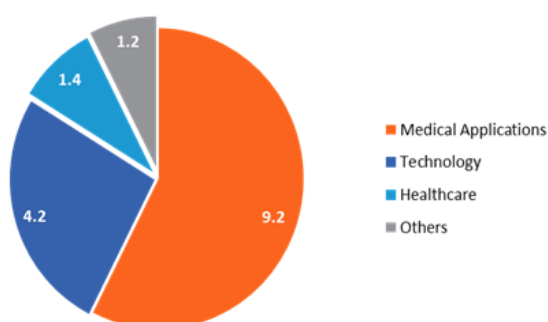


Biosensors Market By Application

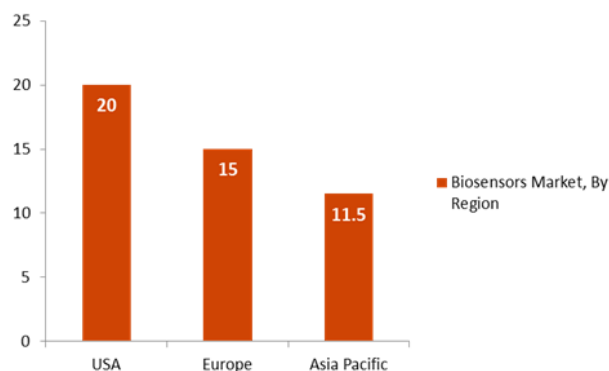
Medical applications hold 66% of biosensor market revenue share. The largest share can be attributed to the extensive use of biosensors in this field. Medical sensors are considered as an essential tool in the detection and monitoring of a wide range of medical conditions ranging from diabetes to cancer.

Biosensors Market, By Region

U.S. biosensors market size holds 81% of regional revenue share in 2015, attributed to increasing prevalence of diseases such as diabetes and cardiac disorders and early adoption of technologically advanced products by the clinicians, scientists, and patients.



Asia Pacific, on account of its constantly improving healthcare facilities, growing access to healthcare, and rising patient awareness is expected to witness the highest CAGR of 11.1% during the forecast period.



Scope and Importance

[Biosensors & Bioelectronics](#) Conferences will continue to bring together leaders from industry and academia to exchange and share their experiences, present research results, explore collaborations and to spark new ideas,

with the aim of developing new projects and exploiting new for bio sensing technologies. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of [Biosensors and Bioelectronics](#).

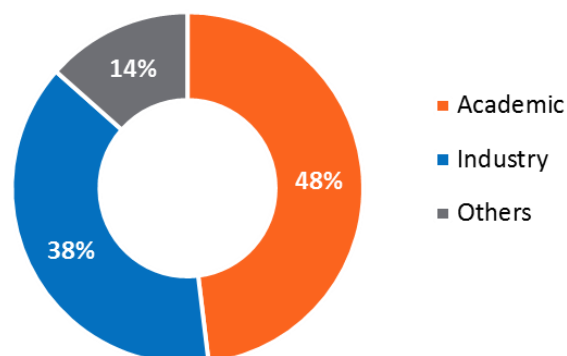
Target Audience:

Scientists, Experts, Academic Professors, Practitioners, Software Professionals, Business delegates, scholars, Young researchers, Talented student community and researchers in the field of Biosensors, Biomedical engineering, Nanotechnology, Point of Care, Home Diagnostics, Biodefense, Food Industry and so on

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Related Companies/Industries:

- Orla Protein Technologies Ltd
- Micro Lab Devices Ltd
- Gwent Biotechnology Systems Ltd
- Sarissa Biomedical Limited
- Biocrates
- Anagnostics
- Aposcience

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- ViennaLab Diagnostics
 - Immunodiagnostic Systems
 - Janssen Diagnostics (J&J)
 - Biocartis
 - Janssen Diagnostics (J&J)
 - Dako (Agilent)
 - Orion
 - Novartis Diagnostics
 - Genclis
 - Abbott
 - Trinity Biotech
 - Epigenomics.
 - Roche
 - Seegene
 - Immunodiagnostic Systems
 - Altona Diagnostics
 - Qiagen
 - Curetis
 - DiaSys Diagnostic Systems
 - EKF Diagnostics

Related Associations and Societies:

- Chemical Society.
- The American Ceramic Society of Bioelectronics.
- Society of Optical Biosensors.
- Society of Nano scale optical biosensors.
- Society of Nanotechnology.
- Society of Molecular Electronics and Bio Electronics