

GLOBAL BIOPHOTONICS MARKET FORECAST 2017-2025

<https://marketpublishers.com/r/GEADFD5188CEN.html>

Date: July 2017

Pages: 145

Price: US\$ 2,500.00 (Single User License)

ID: GEADFD5188CEN

Abstracts

KEY FINDINGS

The global biophotonics market is expected to grow at a CAGR of 11.62% for the forecast period of 2017-2025. Because of this, the market value is also anticipated to increase from \$ 27855 million in 2016 and reach \$74524 million by 2025. The key drivers responsible for this growth include:

- Growing population of elderly patients
- Dawn of nanotechnology
- Growing demand for early diagnosis of diseases
- Government initiatives
- Rising healthcare expenditure
- Increasing demand for point of care devices
- Technical advances in biophotonics

Of these, the growing elderly population is the most significant driver which is facilitated by the falling fertility rates amongst the youth and a momentous increase in the life expectancy rate of the aging population which is predicted to grow at a uniform pace in the next 10 years.

MARKET INSIGHTS

The global biophotonics market is segmented on the basis of technology, application, and end-user. The biophotonics technology market can further be divided into

In-Vitro Technology

In-Vivo Technology.

The in-vivo technology is currently leading the market scene.

The market by technology is further segmented into:

Endoscopy

Surface imaging

Light therapy

See-through imaging

Spectromolecular

Microscopy

Biosensors

Others

Whereas, the end-user segment is further divided into:

Therapeutics

Diagnostics

Test components

Non-medical use

In spite of such wide market segmentation, the market has to face certain restraints due to the prolonged certification & approval procedure and the sluggish commercialization rate. Also, the high price of the biophotonics technology is hindering the Biophotonics market growth.

REGIONAL INSIGHTS

The global biophotonics market has been geographically segmented into four major regions:

North America - U.S. & Canada

Asia-Pacific – China, India, Japan, South Korea, Australia and Rest of APAC

Europe – United Kingdom, France, Germany, Italy, Spain and Rest of Europe

Rest of World- Latin America, Middle East and Africa

The North American market is backed by the growing investments within the healthcare sector, growing R&D initiatives and the presence of top-class healthcare infrastructure. This is the reason the market dominated the global scene with a share of 41.5% in the year 2016. The market is predicted to continue its dominance in the coming years due to the rising prevalence of chronic diseases like cancer, Alzheimer disease, and diabetes coupled with growing geriatric populace. On the other hand, the Asia-Pacific market is expected to grow at the fastest rate during the forecast period. The key factor driving this growth is the increasing healthcare expenditure in Asia-Pacific region. Countries like India spend over 2.5% annually of its overall GDP on healthcare. This number is expected to rise up to 11.6% over the forecast period. Also, china's healthcare expenditure is predicted to grow by 8.8% annually during the forecasted period making it the leader in terms of healthcare spending in the Asia-Pacific.

COMPETITIVE INSIGHTS

Thermo Fisher Scientific Inc. (Thermo Fisher Scientific or 'the company') is a major

manufacturer of reagents, equipment, analytical instruments, software consumables, and services for research, manufacturing, diagnostics, and analysis. Carl Zeiss AG (Carl Zeiss) distributes and develops lithography optics, measuring technology, microscopes, medical technology products that include ophthalmic diagnostic and therapeutic products, photo mask systems, eyeglass lenses, binoculars and planetarium technology etc

Some of the other players of the global biophotonics market include:

Hamamatsu Photonics

Perkin Elmer

OLYMPUS CORPORATION

OXFORD INSTRUMENTS

PERKINELMER, INC

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
 - 3.2.1. ASIA-PACIFIC TO GROW AT A FASTER RATE
 - 3.2.2. NORTH AMERICA HELD THE LARGEST MARKET SHARE
 - 3.2.3. IN VIVO IS THE LARGEST BIOPHOTONICS MARKET

4. MARKET DYNAMICS

- 4.1. DRIVERS
 - 4.1.1. GROWING POPULATION OF ELDERLY PATIENTS
 - 4.1.2. DAWN OF NANOTECHNOLOGY
 - 4.1.3. GROWING DEMAND FOR EARLY DIAGNOSIS OF DISEASES
 - 4.1.4. GOVERNMENT INITIATIVES
 - 4.1.5. RISING HEALTHCARE EXPENDITURE
 - 4.1.6. INCREASING DEMAND FOR POINT OF CARE DEVICES
 - 4.1.7. TECHNICAL ADVANCES IN BIOPHOTONICS
- 4.2. RESTRAINTS
 - 4.2.1. PRICE OF THE BIOPHOTONICS TECHNOLOGY IS HIGH

- 4.2.2. PRECISE TRAINING AND KNOWLEDGE OF CUTTING-EDGE TECHNOLOGY
- 4.2.3. ADAPTATION OF NEW TREATMENTS PRACTICES
- 4.3. MARKET OPPORTUNITIES
 - 4.3.1. MANDATE FROM DEVELOPING ECONOMIES
 - 4.3.2. GROWING OCCURRENCE OF CHRONIC DISEASES IN DEVELOPING MARKET
 - 4.3.3. GROWING PROMINENCE OF EMERGING COUNTRIES IN PHARMACEUTICAL MARKET
 - 4.3.4. WIDE USE OF BIOPHOTONICS IN NON-MEDICAL SECTORS
- 4.4. MARKET CHALLENGES
 - 4.4.1. ELONGATED CERTIFICATION & APPROVAL PROCEDURE
 - 4.4.2. SLUGGISH COMMERCIALIZATION RATE

5. MARKET SEGMENTATION

- 5.1. MARKET BY TECHNOLOGY 2017-2025
 - 5.1.1. IN-VITRO TECHNOLOGY
 - 5.1.2. IN-VIVO TECHNOLOGY
- 5.2. MARKET BY END USER 2017-2025
 - 5.2.1. THERAPEUTICS
 - 5.2.2. DIAGNOSTICS
 - 5.2.3. TEST COMPONENTS
 - 5.2.4. NON-MEDICAL
- 5.3. MARKET BY APPLICATION 2017-2025
 - 5.3.1. ENDOSCOPY
 - 5.3.2. SEE-THROUGH IMAGING
 - 5.3.3. SPECTROMOLECULAR IMAGING
 - 5.3.4. MICROSCOPY
 - 5.3.5. SURFACE IMAGING
 - 5.3.6. LIGHT THERAPY
 - 5.3.7. BIOSENSORS
 - 5.3.8. OTHER APPLICATION

6. KEY ANALYTICAL

- 6.1. PORTER'S FIVE FORCE MODEL
 - 6.1.1. THREAT OF NEW ENTRANTS
 - 6.1.2. THREAT OF SUBSTITUTE PRODUCTS OR SERVICES
 - 6.1.3. BARGAINING POWER OF BUYER

- 6.1.4. BARGAINING POWER OF SUPPLIER
- 6.1.5. INTENSITY OF COMPETITIVE RIVALRY
- 6.2. KEY BUYING CRITERIA
 - 6.2.1. TECHNOLOGY
 - 6.2.2. APPLICATION
 - 6.2.3. PRICE
 - 6.2.4. EASE OF ADOPTION
- 6.3. STRATEGIC RECOMMENDATION & STRATEGIC CONCLUSIONS
- 6.4. OPPORTUNITY MATRIX
- 6.5. VENDOR LANDSCAPE

7. GEOGRAPHICAL ANALYSIS

- 7.1. NORTH AMERICA
 - 7.1.1. UNITED STATES (U.S.)
 - 7.1.2. CANADA
- 7.2. EUROPE
 - 7.2.1. UNITED KINGDOM (UK)
 - 7.2.2. FRANCE
 - 7.2.3. GERMANY
 - 7.2.4. ITALY
 - 7.2.5. SPAIN
 - 7.2.6. REST OF EUROPE
- 7.3. ASIA PACIFIC
 - 7.3.1. INDIA
 - 7.3.2. CHINA
 - 7.3.3. JAPAN
 - 7.3.4. SOUTH KOREA
 - 7.3.5. AUSTRALIA
 - 7.3.6. REST OF ASIA-PACIFIC
- 7.4. REST OF WORLD (ROW)
 - 7.4.1. LATIN AMERICA
 - 7.4.2. MIDDLE EAST AND AFRICA

8. COMPANY PROFILING

- 8.1. COMPETITIVE LANDSCAPE
 - 8.1.1. MARKET SHARE ANALYSIS
 - 8.1.2. TOP WINNING STRATEGIES

- 8.2. ADVANDX INC.(ACQUIRED BY OPGEN)
- 8.3. BECTON, DICKINSON, AND COMPANY
- 8.4. CARL ZEISS AG
- 8.5. FISBA AG
- 8.6. HALMA PLC
- 8.7. HAMAMATSU PHOTONICS K.K.
- 8.8. IDEX CORP.
- 8.9. LUMENIS LTD.
- 8.10. MEDLUMICS SL
- 8.11. NEWPORT CORPORATION (ACQUIRED BY MKS INSTRUMENT)
- 8.12. OLYMPUS CORPORATION
- 8.13. OXFORD INSTRUMENTS
- 8.14. PERKINELMER, INC.
- 8.15. THERMO FISHER SCIENTIFIC INC.
- 8.16. ZECOTEK PHOTONICS INC.

TABLE LIST

TABLE 1 GLOBAL BIOPHOTONICS MARKET BY REGION 2017-2025(\$ MILLION)

TABLE 2 GLOBAL BIOPHOTONICS MARKET BY TECHNOLOGY 2017-2025(\$ MILLION)

TABLE 3 GLOBAL IN-VITRO TECHNOLOGY MARKET 2017-2025(\$ MILLION)

TABLE 4 GLOBAL IN-VIVO TECHNOLOGY MARKET BY 2017-2025(\$ MILLION)

TABLE 5 GLOBAL BIOPHOTONICS MARKET BY END USER 2017-2025(\$ MILLION)

TABLE 6 BIOPHOTONIC TECHNIQUES IN MEDICAL THERAPEUTICS AND THEIR TREATMENTS

TABLE 7 GLOBAL NON-MEDICAL USE MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 8 GLOBAL BIOPHOTONICS MARKET BY APPLICATION 2017-2025(\$ MILLION)

TABLE 9 CAPSULE ENDOSCOPY IN THE MARKET

TABLE 10 GLOBAL ENDOSCOPY MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 11 GLOBAL SEE THROUGH IMAGING MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 12 GLOBAL SPECTROMOLECULAR IMAGING MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 13 GLOBAL MICROSCOPY MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 14 GLOBAL SURFACE IMAGING MARKET BY GEOGRAPHY 2017-2025(\$

MILLION)

TABLE 15 GLOBAL LIGHT THERAPY MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 16 GLOBAL BIOSENSORS MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 17 GLOBAL OTHER BIOPHOTONICS APPLICATION MARKET BY GEOGRAPHY 2017-2025(\$ MILLION)

TABLE 18 GLOBAL BIOPHOTONICS MARKET BY REGION 2017-2025(\$ MILLION)

TABLE 19 NORTH AMERICA BIOPHOTONICS MARKET BY COUNTRY 2017-2025(\$ MILLION)

TABLE 20 EUROPE BIOPHOTONICS MARKET 2017-2025(\$ MILLION)

TABLE 21 KEY FACTS RELATED TO ARTHRITIS IN THE UK

TABLE 22 ASIA PACIFIC BIOPHOTONIC MARKET BY COUNTRIES 2017-2025(\$ MILLION)

TABLE 23 REST OF THE WORLD BIOPHOTONICS MARKET BY COUNTRY 2017-2025(\$ MILLION)

TABLE 24 DIABETES PREVALENCE IN BRAZIL IN 2016

FIGURE LIST

FIGURE 1 GLOBAL BIOPHOTONICS MARKET BY APPLICATION 2016 & 2025(\$ MILLION)

FIGURE 2 CANCER TYPES IN THE USA

FIGURE 3 HEALTHCARE SPENDING AS % OF GDP

FIGURE 4 RISING PHARMACEUTICAL MARKET IN EMERGING COUNTRIES, IN 2016

FIGURE 5 GLOBAL IN-VITRO TECHNOLOGY MARKET 2017-2025(\$ MILLION)

FIGURE 6 GLOBAL IN-VIVO TECHNOLOGY MARKET 2017-2025(\$ MILLION)

FIGURE 7 GLOBAL MEDICAL THERAPEUTICS MARKET 2017-2025(\$ MILLION)

FIGURE 8 GLOBAL MEDICAL DIAGNOSTICS MARKET 2017-2025(\$ MILLION)

FIGURE 9 GLOBAL TEST COMPONENTS MARKET 2017-2025(\$ MILLION)

FIGURE 10 GLOBAL NON-MEDICAL USE MARKET 2017-2025(\$ MILLION)

FIGURE 11 GLOBAL ENDOSCOPY MARKET 2017-2025(\$ MILLION)

FIGURE 12 SEE THROUGH IMAGING SYSTEMS BY TYPES

FIGURE 13 GLOBAL SEE THROUGH IMAGING MARKET 2017-2025(\$ MILLION)

FIGURE 14 GLOBAL SPECTROMOLECULAR IMAGING MARKET 2017-2025(\$ MILLION)

FIGURE 15 TYPES OF MICROSCOPY

FIGURE 16 GLOBAL MICROSCOPY MARKET 2017-2025(\$ MILLION)

- FIGURE 17 GLOBAL SURFACE IMAGING MARKET 2017-2025(\$ MILLION)
- FIGURE 18 GLOBAL LIGHT THERAPY MARKET 2017-2025(\$ MILLION)
- FIGURE 19 GLOBAL BIOSENSORS MARKET 2017-2025(\$ MILLION)
- FIGURE 20 GLOBAL OTHER APPLICATIONS MARKET 2017-2025(\$ MILLION)
- FIGURE 21 PORTER'S FIVE FORCE MODEL IN BIOPHOTONIC MARKET
- FIGURE 22 KEY BUYING CRITERIA OF BIOPHOTONICS
- FIGURE 23 NORTH AMERICA BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 24 PROJECTED NUMBER OF NEW CANCER CASES AND DEATHS BY SEX IN THE U.S., 2016
- FIGURE 25 PREVALENCE OF ALZHEIMER IN THE U.S. 2016 & 2050 (65 AND ABOVE) (MILLION)
- FIGURE 26 ALZHEIMER DISEASES BY AGE GROUP IN THE U.S. 2016
- FIGURE 27 GROWING GERIATRIC POPULATIONS IN THE U.S. 2016 & 2060 (MILLION)
- FIGURE 28 HEALTHCARE EXPENDITURE IN THE U.S. 2016 & 2025 (% OF GDP)
- FIGURE 29 U.S. BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 30 PROJECTED CASES OF CANCER IN CANADA 2016
- FIGURE 31 ARTHRITIS PREVALENCE IN CANADA 2015 & 2016 (MILLION)
- FIGURE 32 CANADA BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 33 EUROPEAN GERIATRIC POPULATION (60 YEARS AND ABOVE) 2000-2050 (MILLION)
- FIGURE 34 EUROPE BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 35 UNITED KINGDOM (UK) BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 36 FRANCE BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 37 GERMANY BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 38 ITALY BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 39 POPULATION AGED 65 YEARS AND ABOVE IN SPAIN (% OF POPULATION)
- FIGURE 40 SPAIN BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 41 REST OF EUROPE BIOPHOTONICS MARKET 2017-2025(\$ MILLION)
- FIGURE 42 DIABITIES PREVALENCE IN ASIA-PACIFIC BY COUNTRY, IN 2016
- FIGURE 43 ASIA PACIFIC BIOPHOTONIC MARKET 2017-2025(\$ MILLION)
- FIGURE 44 INDIA BIOPHOTONIC MARKET 2017-2025(\$ MILLION)
- FIGURE 45 INCREASINGGERATRIC POPULATIONS IN CHINA 2015-2050
- FIGURE 46 CHINA BIOPHOTONIC MARKET 2017-2025(\$ MILLION)
- FIGURE 47 JAPAN HEALTHCARE EXPENDITURE 2000-2030 (\$ MILLION)
- FIGURE 48 JAPAN BIOPHOTONIC MARKET 2017-2025(\$ MILLION)
- FIGURE 49 POPULATION AGING MORE THAN OR EQUAL TO 65, IN SOUTH

KOREA, 2015-2060

FIGURE 50 SOUTH KOREA BIOPHOTONIC MARKET 2017-2025(\$ MILLION)

FIGURE 51 AUSTRALIA BIOPHOTONIC MARKET 2017-2025(\$ MILLION)

FIGURE 52 REST OF ASIA-PACIFIC MARKET 2017-2025(\$ MILLION)

FIGURE 53 REST OF WORLD BIOPHOTONICS MARKET 2017-2025(\$ MILLION)

FIGURE 54 LATIN AMERICA BIOPHOTONICS MARKET 2017-2025(\$ MILLION)

FIGURE 55 GERIATRIC POPULATIONS IN AFRICA 2015-2025 (MILLION)

FIGURE 56 MIDDLE EAST AND AFRICA BIOPHOTONICS MARKET 2017-2025(\$ MILLION)

FIGURE 57 MARKET SHARE OF BIOPHOTONICS MARKET 2016

I would like to order

Product name: GLOBAL BIOPHOTONICS MARKET FORECAST 2017-2025

Product link: <https://marketpublishers.com/r/GEADFD5188CEN.html>

Price: US\$ 2,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEADFD5188CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970