

# Biomaterials Market by Type (Metallic, Polymeric, Ceramic, and Natural) and Application (Cardiovascular, Dental, Orthopedic, Wound Healing, Plastic, Surgery, Ophthalmology, Tissue Engineering) - Global Opportunity Analysis and Industry Forecast, 2014 - 2022

https://marketpublishers.com/r/BE7744EE065EN.html

Date: September 2016

Pages: 155

Price: US\$ 5,540.00 (Single User License)

ID: BE7744EE065EN

# **Abstracts**

Biomaterials are materials of either synthetic or natural origin that are used for interaction with biological systems for medical purposes such as treating or repairing damage tissues. They are used in joint replacements, plastic surgeries, drug delivery devices, skin repair, heart valves, and in other medical implants. The recent success in the usage of biomaterials was witnessed in the fields of cardiovascular medicine, immunology, orthopedics, dental medicine, infection, and ophthalmology, which has opened new avenues for biomaterials technology. Biomaterial is a groundbreaking technological innovation of medical technology that can enhance the functionalities of damaged tissues or organs.

The world biomaterials market is estimated to garner revenues worth \$139,736 million by 2022, and projected to grow at a CAGR of 11.8% from 2016 to 2022. This is attributed to increase in geriatric population, rise in prevalence rates of cardiovascular & orthopedic disorders, advancement in medical technology, and increase in awareness regarding implantable devices. The other driving factors of the market are heavy fundings by government to increase R&D activities in the field of biomaterials and increasing awareness about the advantages of biomaterials products. However, high cost of biomaterial implants and compatibility issues are expected to hamper the market growth. Introduction of new technologies, namely, decellularized dermal matrixes for grafting and hydrogen scaffolding, presenting new products in field of plastic surgery, wound healing, and neurology offers lucrative opportunities to market players.



The report segments the world biomaterials market based on type, application, and geography. By type, the market is segmented into metallic, polymeric, ceramic, and natural. Metallic biomaterials are segmented into stainless steel, titanium & titanium alloys, cobalt-chrome alloys, gold, and silver. Polymeric biomaterials are divided into polymethyl methacrylate (PMMA), polyethylene, polyester, polyvinylchloride, silicone rubber, nylon, and polyetheretherketone. Ceramic biomaterials are segmented into calcium phosphate, zirconia, aluminum oxide, calcium sulfate, carbon, and glass. Natural biomaterials comprise hyaluronic acid, collagen & gelatin, fibrin, cellulose, chitin, alginates, and silk. Based on application, the market is classified into cardiovascular, dental, orthopedic, wound healing, plastic, surgery, ophthalmology, tissue engineering, neurological disorders, and drug delivery systems. The market has been analyzed based on four geographical regions, namely North America, Europe, Asia-Pacific, and LAMEA.

Introduction of novel biomaterials, such as inorganic nanomaterials for detecting enzyme activity is a recent trend of the industry. In July 2016, Cartiva, Inc. received premarket approval for Cartiva Synthetic Cartilage Implant (SCI) that is used for the treatment of osteoarthritis at the base of the great toe, where SCI is a synthetic cartilage joint formed by an organic polymer-based biomaterial. Furthermore, in December 2014, Karmed Saglik Group received first European approval for implant made using PEEK-OPTIMA<sup>TM</sup> HA enhanced polymer by Invibio Biomaterial Solutions. These implants are used for the treatment of degenerative spinal conditions. Acquisitions and partnerships are the key strategies adopted by market players in the biomaterial industry. The key market players profiled in the report include:

Royal DSM

Wright Medical Technology, Inc.

Corbion N.V.

Zimmer Biomet Holdings, Inc.

Bayer AG

Carpenter Technology Corporation

Covalon Technologies Ltd.



**Evonik Industries AG** 

**BASF SE** 

Invibio Ltd.

Collagen

# Key benefits

This report provides an extensive analysis of the current and emerging market trends and dynamics of the world biomaterials market.

In-depth analysis of the market is based on market estimations of key market segments for the period of 2014-2022.

This report analyzes the competitive landscape and value chain of the market to understand the competitive environment across geographies.

Region-wise and country-wise analysis of the world biomaterials market is provided in the report.

Comprehensive analyses of all regions are provided to determine the prevailing opportunities across various geographies.

Comprehensive analysis of the current research and developments in the world artificial biomaterials market along with key market dynamic factors have been provided in the report to understand the market scenario.

Key market segments

The world biomaterials market is segmented as follows:

By Type

Metallic

Stainless Steel



|           | Titanium & Titanium Alloys    |  |  |
|-----------|-------------------------------|--|--|
|           | Cobalt-Chrome Alloys          |  |  |
|           | Gold                          |  |  |
|           | Silver                        |  |  |
| Polymeric |                               |  |  |
|           | Polymethylmethacrylate (PMMA) |  |  |
|           | Polyethylene                  |  |  |
|           | Polyester                     |  |  |
|           | Polyvinylchloride             |  |  |
|           | Silicone Rubber               |  |  |
|           | Nylon                         |  |  |
|           | Polyetheretherketone          |  |  |
| Ceramic   |                               |  |  |
|           | Calcium Phosphate             |  |  |
|           | Zirconia                      |  |  |
|           | Aluminum Oxide                |  |  |
|           | Calcium Sulfate               |  |  |
|           | Carbon                        |  |  |
|           | Glass                         |  |  |

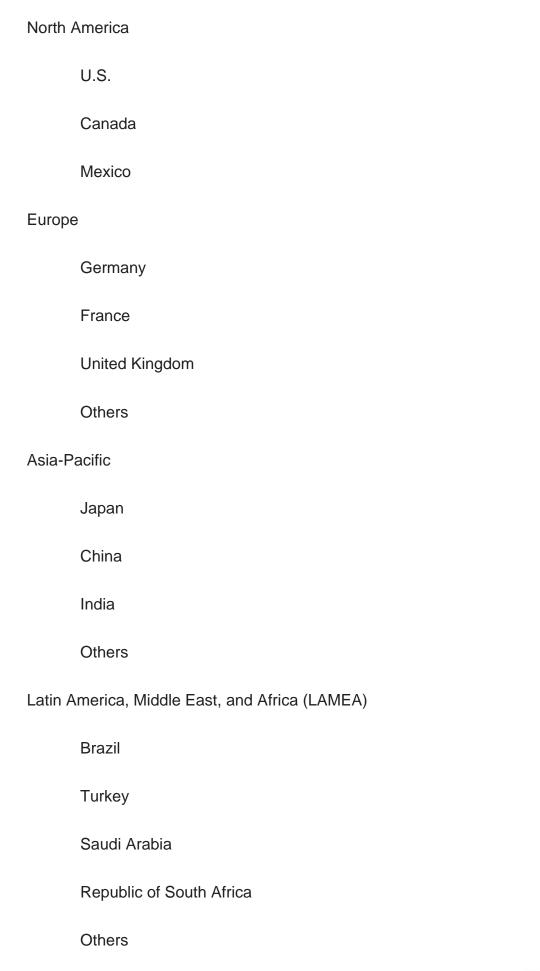
Natural



|       |                        | Hyaluronic Acid    |  |
|-------|------------------------|--------------------|--|
|       |                        | Collagen & Gelatin |  |
|       |                        | Fibrin             |  |
|       |                        | Cellulose          |  |
|       |                        | Chitin             |  |
|       |                        | Alginates          |  |
|       |                        | Silk               |  |
| Ву Ар | plication              |                    |  |
|       | Cardiovascular         |                    |  |
|       | Dental                 |                    |  |
|       | Orthope                | edic               |  |
|       | Wound                  | Healing            |  |
|       | Plastic                | Surgery            |  |
|       | Ophthalmology          |                    |  |
|       | Tissue                 | Engineering        |  |
|       | Neurological Disorders |                    |  |
|       | Drug-De                | elivery Systems    |  |
|       |                        |                    |  |

By Geography











# **Contents**

### **CHAPTER 1 INTRODUCTION**

- 1.1 Report description
- 1.2 Key benefits
- 1.3 Key market segments
- 1.4 Research methodology
  - 1.4.1 Secondary research
  - 1.4.2 Primary research
  - 1.4.3 Analyst tools and models

# **CHAPTER 2 EXECUTIVE SUMMARY**

2.1 CXO Perspective

### **CHAPTER 3 MARKET OVERVIEW**

- 3.1 Market definition and scope
- 3.2 Key findings
  - 3.2.1 Top investment pockets
  - 3.2.2 Top winning strategies
- 3.3 Porters five forces analysis
  - 3.3.1 Bargaining power of suppliers
  - 3.3.2 Bargaining power of buyers
  - 3.3.3 Threat of new entrants
  - 3.3.4 Threat of substitutes
  - 3.3.5 Competitive rivalry
- 3.4 Market dynamics
  - 3.4.1 Drivers
    - 3.4.1.1 Rise in geriatric population
    - 3.4.1.2 Rise in prevalence of cardiovascular and orthopedic disorders
    - 3.4.1.3 Rising demand for implantable devices
    - 3.4.1.4 Advancements in medical technology
    - 3.4.1.5 Advantages of biomaterials products
    - 3.4.1.6 Heavy funding by government agencies
  - 3.4.2 Restraints
    - 3.4.2.1 High cost of biomaterial production
    - 3.4.2.2 Compatibility issues



- 3.4.2.3 Difficulty in wearing the products
- 3.4.3 Opportunities
- 3.4.3.1 Introduction of decellularized dermal matrixes for grafting and hydrogel scaffolding
- 3.4.3.2 Introduction of new products in plastic surgery, wound healing, and neurology sector

# CHAPTER 4 WORLD BIOMATERIALS MARKET, BY TYPE, 2014-2022

- 4.1 Overview
  - 4.1.1 Market size and forecast
- 4.2 Metallic
  - 4.2.1 Key market trends
  - 4.2.2 Key growth factors and opportunities
  - 4.2.3 Market size and forecast
  - 4.2.4 Stainless steel
  - 4.2.6 Titanium & titanium alloys
  - 4.2.8 Cobalt-chrome alloys
  - 4.2.10 Gold
  - 4.2.12 Silver
- 4.3 Polymeric
  - 4.3.1 Key market trends
  - 4.3.2 Key growth factors and opportunities
  - 4.3.3 Market size and forecast
  - 4.3.4 Polymethylmethacrylate (PMMA)
  - 4.3.6 Polyethylene
  - 4.3.8 Polyester
  - 4.3.10 Polyvinylchloride
  - 4.3.12 Silicone rubber
  - 4.3.14 Nylon
  - 4.3.16 Polyetheretherketone
- 4.4 Ceramic
  - 4.4.1 Key market trends
  - 4.4.2 Key growth factors and opportunities
  - 4.4.3 Market size and forecast
  - 4.4.4 Calcium phosphate
  - 4.4.5 Calcium phosphate market size & forecast
  - 4.4.6 Zirconia
  - 4.4.8 Aluminum oxide



- 4.4.10 Calcium sulfate
- 4.4.12 Carbon
- 4.4.14 Glass
- 4.5 Natural
- 4.5.1 Key market trends
- 4.5.2 Key growth factors and opportunities
- 4.5.1 Market size and forecast
- 4.5.2 Hyaluronic acid
- 4.5.4 Collagen & gelatin
- 4.5.6 Fibrin
- 4.5.8 Cellulose
- 4.5.10 Chitin
- 4.5.12 Alginates
- 4.5.14 Silk

# **CHAPTER 5 WORLD BIOMATERIALS MARKET, BY APPLICATION, 2014-2022**

- 5.1 Overview
  - 5.1.1 Market size and forecast
- 5.2 Cardiovascular
  - 5.2.1 Market size and forecast
- 5.3 Dental
  - 5.3.1 Market size and forecast
- 5.4 Orthopedic
  - 5.4.1 Market size and forecast
- 5.5 Wound healing
  - 5.5.1 Market size and forecast
- 5.6 Plastic surgery
  - 5.6.1 Market size and forecast
- 5.7 Ophthalmology
  - 5.7.1 Market size and forecast
- 5.8 Tissue engineering
  - 5.8.1 Market size and forecast
- 5.9 Neurological disorders
  - 5.9.1 Market size and forecast
- 5.10 Drug delivery systems
  - 5.10.1 Market size and forecast

# CHAPTER 6 WORLD BIOMATERIALS MARKET, BY GEOGRAPHY, 2014-2022



### 6.1 Overview

- 6.1.1 Market size and forecast
- 6.1 North America
  - 6.1.1 Key market trends
  - 6.1.2 Key growth factors and opportunities
  - 6.1.3 Market size and forecast
  - 6.1.4 U.S. market size and forecast
  - 6.1.5 Canada market size and forecast
  - 6.1.6 Mexico market size and forecast

# 6.2 Europe

- 6.2.1 Key market trends
- 6.2.2 Key growth factors and opportunities
- 6.2.3 Market size and forecast
- 6.2.4 Germany market size and forecast
- 6.2.5 France market size and forecast
- 6.2.6 U.K. market size and forecast
- 6.2.7 Italy market size and forecast
- 6.2.8 Spain market size and forecast
- 6.2.9 Russia market size and forecast
- 6.2.10 Others market size and forecast
- 6.3 Asia-Pacific
  - 6.3.1 Key market trends
  - 6.3.2 Key growth factors and opportunities
  - 6.3.3 Market size and forecast
  - 6.3.4 Japan market size and forecast
  - 6.3.5 China market size and forecast
  - 6.3.6 Australia market size and forecast
  - 6.3.7 India market size and forecast
  - 6.3.8 South Korea market size and forecast
  - 6.3.9 Taiwan market size and forecast
- 6.3.10 Others market size and forecast

# 6.4 LAMEA

- 6.4.1 Key market trends
- 6.4.2 Key growth factors and opportunities
- 6.4.3 Market size and forecast
- 6.4.4 Brazil market size and forecast
- 6.4.5 Turkey market size and forecast
- 6.4.6 Venezuela market size and forecast



- 6.4.7 Saudi Arabia market size and forecast
- 6.4.8 Republic of South Africa market size and forecast
- 6.4.9 Others market size and forecast

# **CHAPTER 7 COMPANY PROFILES**

- 7.1 Royal DSM
  - 7.1.1 Company overview
  - 7.1.2 Operating business segments
  - 7.1.3 Business performance
  - 7.1.4 Key strategic moves & developments
- 7.2 Wright Medical Group N.V.
  - 7.2.1 Company overview
  - 7.2.2 Operating business segments
  - 7.2.3 Business performance
- 7.2.4 Key strategic moves & developments
- 7.3 Corbion N.V.
  - 7.3.1 Company overview
  - 7.3.2 Operating business segments
  - 7.3.3 Business performance
- 7.3.4 Key strategic moves & developments
- 7.4 Zimmer Biomet Holdings, Inc.
  - 7.4.1 Company overview
  - 7.4.2 Operating business segments
  - 7.4.3 Business performance
- 7.4.4 Key strategic moves & developments
- 7.5 Bayer AG
  - 7.5.1 Company overview
  - 7.5.2 Operating business segments
  - 7.5.3 Business performance
- 7.6 Carpenter Technology Corporation
  - 7.6.1 Company overview
  - 7.6.2 Operating business segments
  - 7.6.3 Business performance
- 7.7 Covalon Technologies Ltd.
  - 7.7.1 Company overview
  - 7.7.2 Operating business segments
  - 7.7.3 Business performance
- 7.8 Evonik Industries AG



- 7.8.1 Company overview
- 7.8.2 Operating business segments
- 7.8.3 Business performance
- 7.8.4 Key strategic moves & developments
- 7.9 BASF SE
  - 7.9.1 Company overview
  - 7.9.2 Operating business segments
  - 7.9.3 Business performance
- 7.10 Victrex plc.
  - 7.10.1 Company overview
  - 7.10.2 Operating business segments
  - 7.10.3 Business performance
  - 7.10.4 Key strategic moves & developments
- 7.11 Collagen Matrix, Inc.
  - 7.11.1 Company overview
  - 7.11.2 Operating business segments



# **List Of Tables**

### LIST OF TABLES

TABLE 1 WORLD BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION) TABLE 2 WORLD METALLIC BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 3 WORLD POLYMERIC BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 4 WORLD CERAMICS BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 5 WORLD NATURAL BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 6 WORLD BIOMATERIALS MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 7 WORLD CARDIOVASCULAR BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 8 WORLD DENTAL BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 9 WORLD ORTHOPEDIC BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 10 WORLD WOUND HEALING BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 11 WORLD PLASTIC SURGERY BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 12 WORLD OPHTHALMOLOGY BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 13 WORLD TISSUE ENGINEERING BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 14 WORLD NEUROLOGICAL DISORDERS BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 15 WORLD DRUG DELIVERY SYSTEMS BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION)

TABLE 16 WORLD BIOMATERIALS MARKET, BY REGION, 2014-2022 (\$MILLION) TABLE 17 NORTH AMERICA BIOMATERIALS MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 18 NORTH AMERICA BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 19 NORTH AMERICA BIOMATERIALS MARKET, BY APPLICATION,



2014-2022 (\$MILLION)

TABLE 20 EUROPE BIOMATERIALS MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 21 EUROPE BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 22 EUROPE BIOMATERIALS MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 23 ASIA-PACIFIC BIOMATERIALS MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 24 ASIA-PACIFIC BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 25 ASIA-PACIFIC BIOMATERIALS MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 26 LAMEA BIOMATERIALS MARKET, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 27 LAMEA BIOMATERIALS MARKET, BY TYPE, 2014-2022 (\$MILLION)

TABLE 28 LAMEA BIOMATERIALS MARKET, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 29 ROYAL DSM - COMPANY SNAPSHOT

TABLE 30 ROYAL DSM - SEGMENT INFORMATION

TABLE 31 WRIGHT MEDICAL - COMPANY SNAPSHOT

TABLE 32 WRIGHT MEDICAL - OPERATING SEGMENTS

TABLE 33 CORBION N.V. - COMPANY SNAPSHOT

TABLE 34 CORBION N.V. - BUSINESS SEGMENT

TABLE 35 ZIMMER BIOMET - COMPANY SNAPSHOT

TABLE 36 ZIMMER BIOMET - OPERATING SEGMENTS

TABLE 37 BAYER - COMPANY SNAPSHOT

TABLE 38 BAYER - OPERATING SEGMENTS

TABLE 39 CARPENTER - COMPANY SNAPSHOT

TABLE 40 CARPENTER - OPERATING SEGMENTS

TABLE 41 COVALON - COMPANY SNAPSHOT

TABLE 42 COVALON - BUSINESS SEGMENTS

TABLE 43 EVONIK - COMPANY SNAPSHOT

TABLE 44 EVONIK - BUSINESS SEGMENT

TABLE 45 BASF SE - COMPANY SNAPSHOT

TABLE 46 BASF SE - OPERATING SEGMENTS

TABLE 47 VICTREX - COMPANY SNAPSHOT

TABLE 48 VICTREX - OPERATING SEGMENTS

TABLE 49 COLLAGEN MATRIX - COMPANY SNAPSHOT

TABLE 50 COLLAGEN MATRIX - OPERATING SEGMENTS



# **List Of Figures**

### LIST OF FIGURES

- FIG. 1 TOP INVESTMENT POCKETS IN WORLD BIOMATERIALS MARKET
- FIG. 2 TOP WINNING STRATEGIES: PERCENTAGE DISTRIBUTION (2014-2016)
- FIG. 3 TOP WINNING STRATEGIES
- FIG. 4 PORTERS FIVE FORCES ANALYSIS
- FIG. 5 TOP IMPACTING FACTORS
- FIG. 6 STAINLESS STEEL BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 7 TITANIUM & TITANIUM ALLOYS BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 8 COBALT-CHROME ALLOYS BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 9 GOLD BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 10 SILVER BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 11 POLYMETHYLMETHACRYLATE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 12 POLYETHYLENE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 13 POLYESTER BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 14 POLYVINYLCHLORIDE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 15 SILICONE RUBBER BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 16 NYLON BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 17 POLYETHERETHERKETONE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 18 CALCIUM PHOSPHATE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 19 ZIRCONIA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 20 ALUMINUM OXIDE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 21 CALCIUM SULFATE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 22 CARBON BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 23 GLASS BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 24 HYALURONIC ACID BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 25 COLLAGEN & GELATIN BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 26 FIBRIN BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 27 CELLULOSE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 28 CHITIN BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 29 ALGINATES BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 30 SILK BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 31 U.S. BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 32 CANADA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)



- FIG. 33 MEXCIO BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 34 GERMANY BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 35 FRANCE BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 36 U.K. BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 37 ITALY BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 38 SPAIN BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 39 RUSSIA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 40 OTHERS BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 41 JAPAN BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 42 CHINA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 43 AUSTRALIA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 44 INDIA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 45 SOUTH KOREA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 46 TAIWAN BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 47 OTHERS BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 48 BRAZIL BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 49 TURKEY BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 50 VENEZUELA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 51 SAUDI ARABIA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 52 REPUBLIC OF SOUTH AFRICA BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 53 OTHERS BIOMATERIALS MARKET, 2014-2022 (\$MILLION)
- FIG. 54 ROYAL DSM: REVENUE BY YEAR (\$MILLION)
- FIG. 55 ROYAL DSM: REVENUE BY SEGMENT, 2015 (%)
- FIG. 56 ROYAL DSM: REVENUE BY GEOGRAPHY, 2015 (%)
- FIG. 57 WRIGHT MEDICAL: REVENUE BY YEAR (\$MILLION)
- FIG. 58 WRIGHT MEDICAL: REVENUE BY SEGMENT, 2015 (%)
- FIG. 59 WRIGHT MEDICAL: REVENUE BY GEOGRAPHY, 2015 (%)
- FIG. 60 CORBION N.V.: REVENUE BY YEAR (\$MILLION)
- FIG. 61 CORBION N.V.: REVENUE BY SEGMENT, 2015 (%)
- FIG. 62 CORBION N.V.: REVENUE BY GEOGRAPHY, 2015 (%)
- FIG. 63 ZIMMER BIOMET: REVENUE BY YEAR (\$MILLION)
- FIG. 64 ZIMMER BIOMET: REVENUE BY SEGMENT, 2015 (%)
- FIG. 65 ZIMMER BIOMET: REVENUE BY GEOGRAPHY, 2015 (%)
- FIG. 66 BAYER: REVENUE BY YEAR (\$MILLION)
- FIG. 67 BAYER: REVENUE BY SEGMENT, 2015 (%)
- FIG. 68 BAYER: REVENUE BY GEOGRAPHY, 2015 (%)
- FIG. 69 CARPENTER: REVENEU BY YEAR (\$MILLION)
- FIG. 70 CARPENTER: REVENUE BY SEGMENT, 2015 (%)



FIG. 71 CARPENTER: REVENUE BY MARKET, 2015 (%)

FIG. 72 CARPENTER: REVENUE BY GEOGRAPHY, 2015 (%)

FIG. 73 COVALON: REVENUE BY YEAR (\$MILLION)

FIG. 74 EVONIK: REVENUE BY YEAR (\$MILLION)

FIG. 75 EVONIK: REVENUE BY SEGMENT, 2015 (%)

FIG. 76 EVONIK: REVENUE BY GEOGRAPHY, 2015 (%)

FIG. 77 BASF SE: REVENUE BY YEAR (\$MILLION)

FIG. 78 BASF SE: REVENUE BY SEGMENT, 2015 (%)

FIG. 79 BASF SE: REVENUE BY GEOGRAPHY, 2015 (%)

FIG. 80 VICTREX: REVENUE BY YEAR (\$MILLION)

FIG. 81 VICTREX: REVENUE BY SEGMENT, 2015 (%)

FIG. 82 VICTREX: REVENUE BY GEOGRAPHY, 2015 (%)



# I would like to order

Product name: Biomaterials Market by Type (Metallic, Polymeric, Ceramic, and Natural) and Application

(Cardiovascular, Dental, Orthopedic, Wound Healing, Plastic, Surgery, Ophthalmology, Tissue Engineering) - Global Opportunity Analysis and Industry Forecast, 2014 - 2022

Product link: https://marketpublishers.com/r/BE7744EE065EN.html

Price: US\$ 5,540.00 (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 <a href="https://marketpublishers.com/r/BE7744EE065EN.html">https://marketpublishers.com/r/BE7744EE065EN.html</a>

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 |
|               | Custumer signature        |
|               |                           |
|               |                           |

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

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