

# Collagen and Gelatin Market for Regenerative Medicine- Global Opportunity Analysis and Industry Forecast (2017-2022)

<https://marketpublishers.com/r/C9429CB3E9CEN.html>

Date: December 2017

Pages: 128

Price: US\$ 4,175.00 (Single User License)

ID: C9429CB3E9CEN

## Abstracts

Collagen and Gelatin Market for Regenerative Medicine by Type, (Collagen and Gelatin), by Source, (Bovine, Porcine, Marine, and others), by Application, (Orthopedic, Wound Care, Cardiovascular, and others) – Global Opportunity Analysis and Industry Forecast (2017 – 2022)

Collagen and gelatin are found throughout the human body, but mainly in the skin and bones. After certain age, the natural production of collagen in the body decreases. The lack of collagen gives rise to chronic diseases such as osteoporosis i.e. bone and joint discomfort, chronic wounds, cardiovascular diseases, and other neurodegenerative disorders. These chronic diseases result in the organ and tissue loss which leads the development of therapies that can regenerate tissues.

Regenerative medicine, an interdisciplinary field that applies engineering and life science principles to promote regeneration potentially restores diseased and injured tissues and whole organs. Since the inception of the field several decades ago, a number of regenerative medicine therapies, including those designed for wound healing, heart diseases, and orthopedics applications have received an approval from Food and Drug Administration (FDA). Specifically, there are various developments in fabricating sophisticated grafts and tissue mimics and technologies for integrating grafts. The use of collagen and gelatin-based biomaterials in the field of regenerative medicine applications has been intensively growing over the past decades. It is now widely used in both research environments and medical applications as they possess a major advantage of being biodegradable, biocompatible, easily available, low immunogenicity, and highly versatile, boosting the growth of collagen and gelatin market for regenerative medicine. Global collagen and gelatin market for regenerative medicine

is expected to reach USD 709.9 million by 2022, at a CAGR of 8.5% during the forecast period of 2017 to 2022.

Succeeding an extensive secondary and primary research on collagen and gelatin based regenerative medicine and an in-depth analysis of the market scenario, the report carries out an impact analysis of the key industry drivers, restraints, and opportunities listed in the market dynamics segment. Rising prevalence of chronic diseases, rapid growth in aging population, and increasing funding for R&D of regenerative medicines are driving the growth of global collagen and gelatin market for regenerative medicine. Moreover, emerging economies such as Asia-Pacific and Latin America provides significant opportunities in this market, primarily due to increasing life expectancy which gives rise to chronic diseases, and increase in the meat production. However, growing use of alternate biomaterials inhibits the growth of this market to some extent.

The report analyses the global collagen & gelatin market for regenerative medicine by type (collagen and gelatine), source (bovine, porcine, marine, and others), application (orthopaedics, wound care, cardiovascular, and others), and geography.

The geographic analysis segment of the study provides detailed qualitative and quantitative insights of the five major geographies (North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa) along with the coverage of major countries in each region. The geographic analysis provides detailed insights on the key trends of the industry in the listed regions & countries, market opportunities and forecast, identifying the demographic & economic impact, and government & private investments. The report identifies North America to be the largest market followed by Europe, Asia Pacific, and Rest of World. The geographic analysis section also comments on the key market players shaping the growth of the industry in the respective countries.

The report also includes the competitive landscape based on extensive assessment of the key strategic developments adopted by leading market participants in the industry over the past 3 years (2014-2017). The key players operating in the global collagen and gelatin market for regenerative medicines are Collagen Solutions Plc (U.S.), Royal DSM (Netherlands), Symatase (France), NuCollagen LLC (U.S.), GELITA AG (Germany), Nitta Gelatin Inc. (Japan), Tessengerlo Group (Belgium), Vornia Biomaterials (Ireland), Advanced BioMatrix (U.S.), Jellagen Pty Ltd (U.K.), EnColl Corporation (U.S.), and XIAMEN HYFINE GELATIN CO., LTD

Scope of the report

## Market by Type

Collagen

Gelatin

## Market by Source

Bovine

Porcine

Marine

Others

## Market by Application

Orthopedic

Wound Care

Cardiovascular

Others

## Market by Geography

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Spain

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

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