

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

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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

Contents

1. INTRODUCTION

- 1.1. Market Ecosystem
- 1.2. Currency and Limitations
 - 1.2.1. Currency
 - 1.2.2. Limitations
- 1.3. Key Stakeholders

2. RESEARCH METHODOLOGY

- 2.1. Research Process
 - 2.1.1. Secondary Research
 - 2.1.2. Primary Research
 - 2.1.3. Market Size Estimation

3. EXECUTIVE SUMMARY

4. MARKET INSIGHTS

- 4.1. Introduction
- 4.2. Drivers
- 4.3. Restraints
- 4.4. Opportunities

5. COLLAGEN AND GELATIN MARKET FOR REGENERATIVE MEDICINE, BY TYPE

- 5.1. Introduction
- 5.2. Collagen
- 5.3. Gelatin

6. GLOBAL COLLAGEN & GELATIN MARKET FOR REGENERATIVE MEDICINE, BY SOURCE

- 6.1. Introduction
- 6.2. Bovine
- 6.3. Porcine
- 6.4. Marine

6.5. Others

7. GLOBAL COLLAGEN AND GELATIN MARKET FOR REGENERATIVE MEDICINE, BY APPLICATION

7.1. Introduction

7.2. Orthopedics

7.3. Wound Care

7.4. Cardiovascular

7.5. Others

8. COLLAGEN & GELATIN MARKET FOR REGENERATIVE MEDICINE, BY GEOGRAPHY

8.1. Introduction

8.2. North America

8.2.1. U.S.

8.2.2. Canada

8.3. Europe

8.3.1. Germany

8.3.2. France

8.3.3. U.K.

8.3.4. Italy

8.3.5. Spain

8.3.6. RoE

8.4. Asia-Pacific

8.4.1. China

8.4.2. India

8.4.3. Japan

8.4.4. RoAPAC

8.5. RoW

8.5.1. Latin America

8.5.2. Middle East and Africa

9. COMPETITIVE LANDSCAPE

10. COMPANY PROFILES (BUSINESS OVERVIEW, FINANCIALS, PRODUCT PORTFOLIO, RECENT DEVELOPMENTS)

- 10.1. Collagen Solutions Plc
- 10.2. Gelita AG
- 10.3. Nitta Gelatin Inc.
- 10.4. Tessenderlo Group
- 10.5. Symatase
- 10.6. Vornia Biomaterials (Vornia Ltd.)
- 10.7. Advanced Biomatrix, Inc.
- 10.8. Royal DSM
- 10.9. Jellagen Pty Ltd
- 10.10 EnColl Corporation
- 10.11 XIAMEN HYFINE GELATIN CO., LTD
- 10.12 Nucollagen, LLC

11. APPENDIX

11.1. Questionnaire LIST OF TABLES

Table 1 Total Global Collagen & Gelatin Market for Regenerative Medicine: Impact Analysis of Market Drivers (2017-2022)

Table 2 Total Global Collagen & Gelatin Market for Regenerative Medicine: Impact Analysis of Market Restraints (2017-2022)

Table 3 Global Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 4 Collagen Market Size for Regenerative Medicine, By Country/ Region, 2015-2022 (USD Million)

Table 5 Gelatine Market Size for Regenerative Medicine, By Country/ Region, 2015-2022 (USD Million)

Table 6 Global Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015–2022 (USD Million)

Table 7 Bovine Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 8 Porcine Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 9 Marine Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 10 Other Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 11 Global Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015–2022 (USD Million)

Table 12 Collagen and Gelatin Market Size for Orthopedic Regenerative Medicine, By

Application, 2015–2022 (USD Million)

Table 13 Collagen and Gelatin Market Size for Wound Care Regenerative Medicine, By Application, 2015–2022 (USD Million)

Table 14 Collagen and Gelatin Market Size for Cardiovascular Regenerative Medicine, By Application, 2015–2022 (USD Million)

Table 15 Collagen and Gelatin Market Size for Other Regenerative Medicine, By Application, 2015–2022 (USD Million)

Table 16 Global Collagen and Gelatin Market Size for Regenerative Medicine, By Country/ Region, 2015-2022 (USD Million)

Table 17 North America: Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 18 North America: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 19 North America: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 20 North America: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 21 U.S.: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 22 U.S.: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 23 U.S.: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 24 Diabetes Statistics in Canada, 2016-2026

Table 25 Canada: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 26 Canada: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 27 Canada: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 28 Europe: Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 29 Europe: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 30 Europe: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 31 Europe: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 32 Germany: Collagen and Gelatin Market Size for Regenerative Medicine, By

Type, 2015-2022 (USD Million)

Table 33 Germany: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 34 Germany: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 35 France: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 36 France: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 37 France: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 38 U.K.: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 39 U.K.: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 40 U.K.: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 41 Italy: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 42 Italy: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 43 Italy: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 44 Spain: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 45 Spain: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 46 Spain: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 47 RoE: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 48 RoE: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 49 RoE: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 50 Asia Pacific: Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 51 Asia Pacific: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 52 Asia Pacific: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 53 Asia Pacific: Collagen and Gelatin Market Size for Regenerative Medicines, By Application, 2015-2022 (USD Million)

Table 54 China: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 55 China: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 56 China: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 57 India: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 58 India: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 59 India: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 60 Japan: Diabetes Indicators, 2016

Table 61 Japan: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 62 Japan: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 63 Japan: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 64 RoAPAC: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 65 RoAPAC: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 66 RoAPAC: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 67 RoW: Collagen and Gelatin Market Size for Regenerative Medicine, By Country/Region, 2015-2022 (USD Million)

Table 68 RoW: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 69 RoW: Collagen and Gelatin Market Size for Regenerative Medicine, By Source, 2015-2022 (USD Million)

Table 70 RoW: Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2015-2022 (USD Million)

Table 71 Latin America: Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2015-2022 (USD Million)

Table 72 Latin America: Collagen and Gelatin Market Size for Regenerative Medicines,
By Source, 2015-2022 (USD Million)

Table 73 Latin America: Collagen and Gelatin Market Size for Regenerative Medicine,
By Application, 2015-2022 (USD Million)

Table 74 Middle East & Africa: Collagen and Gelatin Market Size for Regenerative
Medicine, By Type, 2015-2022 (USD Million)

Table 75 Middle East & Africa: Collagen and Gelatin Market Size for Regenerative
Medicine, By Source, 2015-2022 (USD Million)

Table 76 Middle East & Africa: Collagen and Gelatin Market Size for Regenerative
Medicine, By Application, 2015-2022 (USD Million)

Table 77 New Product Launches

Table 78 Collaborations, Partnerships & Agreements

Table 79 Mergers and Acquisitions

Table 80 Expansions

List Of Figures

LIST OF FIGURES

- Figure 1 Scope of Collagen and Gelatin Market for Regenerative Medicine
- Figure 2 Key Stakeholders in The Global Collagen and Gelatin Market for Regenerative Medicine
- Figure 3 Research Process
- Figure 4 Key Executives Interviewed
- Figure 5 Primary Research Techniques
- Figure 6 Market Size Estimation
- Figure 7 Where Are the Opportunities for You?
- Figure 8 Orthopedic Application Dominates the Global Collagen and Gelatin for Regenerative Medicine During 2017-2022
- Figure 9 Bovine Collagen and Gelatin To Dominate the Collagen and Gelatin Market for Regenerative Medicine
- Figure 10 Global Collagen and Gelatin Market for Regenerative Medicine, By Geography, 2016
- Figure 11 Collagen and Gelatin Market for Regenerative Medicine- Global Overview, 2017-2022
- Figure 12 Competitive Landscape
- Figure 13 Market Dynamics
- Figure 14 Global Death Due to Chronic Disease, 2000-2015
- Figure 15 Percentage Distribution of Population Aged 65 and Over by Region (2015 And 2050)
- Figure 16 Global Collagen and Gelatin Market Size for Regenerative Medicine, By Type, 2017-2022 (USD Million)
- Figure 17 Global Collagen & Gelatin Market Size for Regenerative Medicine, By Source, 2017-2022 (USD Million)
- Figure 18 Global Bovine Meat Production, 2015-2016 (In Thousand Tonnes)
- Figure 19 Global Chicken Meat Production, 2015-2016 (In Thousand Tonnes)
- Figure 20 Global Collagen and Gelatin Market Size for Regenerative Medicine, By Application, 2017-2022 (USD Million)
- Figure 21 Global Deaths from Cardiovascular Diseases, 2015
- Figure 22 Adopters of Collagen and Gelatin For Regenerative Medicine
- Figure 23 North America: Collagen and Gelatin Market Size for Regenerative Medicine, By Country, 2017-2022 (USD Million)
- Figure 24 U.S.: Percentage of Causes of Heart Failure Related Deaths Aged Above 45, 2000-2014

- Figure 25 U.S.: Heart Disease, a Leading Cause of Death, 2015
- Figure 26 Europe: Collagen and Gelatin Market Size for Regenerative Medicine, By Country, 2017-2022 (USD Million)
- Figure 27 France: Incidence of CVD, IHD and Stroke, By Sex, 2015
- Figure 28 Proportional Mortality (% Of Total Death), 2014
- Figure 29 Prevalence of Chronic Diseases in Italy, 2015
- Figure 30 Number of Overweight or Obese Persons in Italy, 2001-2015
- Figure 31 Asia Pacific: Collagen and Gelatin Market Size for Regenerative Medicine, By Country, 2017-2022 (USD Million)
- Figure 32 China Meat Production, 2011-2016 (Metric Tonnes)
- Figure 33 Meat Production in India, 2010-11 To 2015-16 (In Million Tons)
- Figure 34 RoW: Collagen and Gelatin Market Size for Regenerative Medicine, By Country, 2017-2022 (USD Million)
- Figure 35 Key Growth Strategies Adopted by Key Players (2014-2016)
- Figure 36 Collagen Solutions Plc: Financial Overview (2014-2016)
- Figure 37 Nitta Gelatin Inc.: Financial Overview (2014-2016)
- Figure 38 Tessenderlo Group: Financial Overview (2014-2016)
- Figure 39 Royal DSM: Financial Overview (2014-2016)

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