

# Tissue Engineering and Regeneration: Technologies and Global Markets

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## Abstracts

### REPORT SCOPE:

This report covers all revenues earned by regeneration therapies. These therapies are extensively used to replace and regenerate the cells, genes and tissues in a patient's body. The report considers revenue generated by products and services in the regenerative medicine market. Services include tools, along with cell and gene bank charges, where the cells and tissues are stored and treated properly pre- and post-experimentation and treatment. The report also covers revenues earned by small molecules and biologics (drugs) that speed up the regeneration process. Other drug therapy revenues (e.g., painkillers, analgesics) that can be used along with regenerative therapy are not included in the report, as they do not contribute to cell or tissue regeneration. The report covers all existing applications of regenerative medicine therapy.

The global tissue engineering and regeneration market is primarily categorized by segment, material, application and region. The major segments are therapeutic products, tools, banks and services. Therapeutic products are further segmented into cell therapy, gene therapy, tissue engineering, and small molecules and biologics based on product type. Therapeutic products are also categorized into synthetic materials, biologically derived materials, genetically engineered materials, and small molecules and biologics based on material. The report includes key technologies involved in regenerative medicine therapy. The study analyzes clinical trials and patents in different regions. The report provides an in-depth analysis of key companies operating in the global tissue engineering and regeneration market.

By region, the market is segmented into North America, Europe, Asia-Pacific and ROW.

Companies profiled in this report include Advanced Cell Technology, Arteriocyte, Athersys, Bioheart, BioMimetic Therapeutics, BioTissue Technologies, Cerapedics, Cook Biotech, CryoLife, Cytograft Tissue Engineering, Cytomedix, Cytori Therapeutics, Genzyme/Sanofi, Integra LifeSciences, International Stem Cell, LifeCell/Kinetic Concepts and Mesoblast.

## **REPORT INCLUDES:**

59 data tables and 56 additional tables

An overview of the global market for tissue engineering and regeneration technologies within the industry

Analysis of global market trends, with data from 2017 and 2018, and projections of compound annual growth rates (CAGRs) through 2023

A look at the future trends, products details, and therapies available in the field of tissue engineering

Evaluation of the competitive environments, including new and potential markets for novel therapies and treatments

Coverage of regulatory dynamics, pipeline analysis, patent analysis, and market drivers, restrains, and opportunities

Comprehensive company profiles of leading market players, including Ocata Therapeutics, Inc. (Astellas Pharma, Inc.), Co.don AG, Cook Medical Inc., Cytori Therapeutics, Inc., and Kinetic Concepts, Inc. (KCI)

## Contents

### CHAPTER 1 INTRODUCTION

Study Goals and Objectives  
Scope of Report  
Intended Audience  
Source of Information and Methodology  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### CHAPTER 2 SUMMARY AND HIGHLIGHTS

### CHAPTER 3 MARKET OVERVIEW

Progress and Promises for Tissue-Engineering Industry  
Body Parts That Can be Replaced by Tissue Engineering  
Nanotechnology for Tissue Regeneration  
Effects of Nanotechnology on Stem Cell Behavior for Tissue Regeneration  
Nanotechnology in Tissue Regeneration Applications  
Gene Therapies: The Future of Tissue Engineering  
Progress  
Prospects  
Stem Cell Technologies Boon to Tissue Engineering  
Regulatory Environment  
Country-Specific Regulations  
Regulatory Differences  
Ethical Issues of Stem Cell Therapies and Cord Blood Banking  
The Principle of Proportionality That Balances Means and Objectives  
Impact of Healthcare System on Tissue-Engineering Market Development  
Bioprinting Technology in Regenerative Medicine  
Porter's Five Forces Analysis of Tissue Engineering and Regeneration Market  
Moderate Bargaining Power of Supplier  
Low Bargaining Power of Buyer  
Moderate to Low Level of Threats from Substitute Products  
Low to Moderate Threat of New Entrants  
Clinical Trials

U.S. Clinical Trials for Tissue Engineering and Regenerative Medicine  
European Clinical Trials for Tissue Engineering and Regenerative Medicine  
Asian Clinical Trials for Tissue Engineering and Regenerative Medicine  
Market Dynamics  
Drivers  
Restraints  
Opportunities in Stem Cell Applications

## **CHAPTER 4 MARKET BREAKDOWN BY SEGMENT**

Therapeutic Products  
Cell Therapy  
Tissue Vascularization  
Cell Culturing  
Small Molecules and Biologics  
Tissue Engineering  
Gene Therapy

## **CHAPTER 5 MARKET BREAKDOWN BY MATERIAL**

Synthetic Materials  
Biodegradable Synthetic Polymers  
Scaffolds: Medical Poly Lactic Acid  
Artificial Vascular Graft Materials  
Hydrogel Technology  
Biologically Derived Materials  
Collagen  
Xenogenic Tissue  
Genetically Engineered Materials

## **CHAPTER 6 MARKET BREAKDOWN BY APPLICATION**

Cardiovascular Disorders  
Peripheral Vascular Disease Applications  
Coronary Artery Disease  
Oncology  
Dermatology  
Musculoskeletal  
Orthopedics

Bone Repair and Replacement  
Cartilage and Connective Tissue Damage

## **CHAPTER 7 MARKET BREAKDOWN BY REGION**

North America  
United States  
Canada  
Mexico  
Europe  
Germany  
United Kingdom  
France  
Other European Countries  
Asia-Pacific  
India  
Japan  
China  
Australia  
Rest of Asia-Pacific  
Rest of World  
Cartilage and Bone Tissue-Engineering Products  
Cardiovascular Disease Products  
Central Nervous System-Related Injuries and Diseases

## **CHAPTER 8 COMPETITIVE LANDSCAPE**

Approvals  
Agreements, Expansions and Collaborations  
Product Launches and Patent Applications/Patent Approvals  
Mergers and Acquisitions

## **CHAPTER 9 PATENT ANALYSIS**

Japanese Patent Analysis  
European Patent Analysis  
U.S. Patent Analysis

## **CHAPTER 10 COMPANY PROFILES**

ARTERIOCYTE MEDICAL SYSTEMS INC. (ISTO BIOLOGICS)  
ATHERSYS INC.  
CERAPEDICS, INC.  
CO.DON AG  
COOK MEDICAL INC.  
CRYOLIFE, INC.  
CYTORI THERAPEUTICS, INC.  
GENZYME CORP.  
KINETIC CONCEPTS, INC.  
MESOBLAST LTD.  
NUO THERAPEUTICS, INC. (CYTOMEDIX, INC.)  
OCATA THERAPEUTICS, INC. (ASTELLAS PHARMA, INC.)  
ORGANOGENESIS INC. (ADVANCED BIOHEALING)  
ORTHOPEUTICS LP  
U.S. STEM CELL, INC. (BIOHEART INC.)  
VERICEL CORP. (AASTROM BIOSCIENCES INC.)  
WRIGHT MEDICAL GROUP N.V.

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Tissue Engineering and Regeneration, by Region, Through 2023

Table 1: U.S. and European Differences in Regulatory Approval

Table 2: Main Aspects of Healthcare Provisions in Different Countries

Table 3: Active U.S. Clinical Trials for Tissue Engineering and Regenerative Medicine, 2015-2019

Table 4: Active European Clinical Trials Being Conducted for Tissue Engineering and Regenerative Medicine, 2015-2019

Table 5: Active Asian Clinical Trials for Tissue Engineering and Regenerative Medicine, 2015-2019

Table 6: Number of Clinical Trials Registered for Various Diseases, 2011-2016

Table 7: Application of Stem Cells in Regenerative Medicine

Table 8: Global Market for Tissue Engineering and Regeneration, by Segment, Through 2023

Table 9: Global Market for Tissue Engineering and Regeneration, by Therapeutic Product, Through 2023

Table 10: Autologous vs. Allogenic Cells: Manufacturing Process

Table 11: Global Market for Cell Therapy, by Region, Through 2023

Table 12: Stem Cells, Advantages and Clinical Trials on Cardiovascular Disease Treatments

Table 13: Types of Urinary Bladder Scaffolds Proposed, 2011-2017

Table 14: Investments in Cell Culture Technology, 2017-2018

Table 15: Projects and Their Assessment Stages, 2017

Table 16: Global Market for Small Molecules and Biologics, by Region, Through 2023

Table 17: FDA New Molecular Entity Approval Attributes, 2017 and 2018

Table 18: Global Market for Tissue-Engineering, by Region, Through 2023

Table 19: Global Market for Gene Therapy, by Region, Through 2023

Table 20: Global Market for Tissue Engineering and Regeneration, by Therapeutic Material, Through 2023

Table 21: Global Market for Synthetic Materials, by Type, Through 2023

Table 22: Global Market for Synthetic Materials, by Region, Through 2023

Table 23: Biodegradable Polymer Classification

Table 24: Global Market for Biodegradable Synthetic Polymers, by Region, Through 2023

Table 25: Commercial Polymeric Scaffold Products

Table 26: Global Market for Scaffolds, by Region, Through 2023
Table 27: Tissue Engineered Vascular Graft Utilized in Human Studies, 2011-2017
Table 28: Global Market for Artificial Vascular Grafts, by Region, Through 2023
Table 29: Global Market for Hydrogel Technology, by Region, Through 2023
Table 30: Global Market for Biologically Derived Materials, by Type, Through 2023
Table 31: Global Market for Biologically Derived Materials, by Region, Through 2023
Table 32: Global Market for Biologically Derived Collagen, by Region, Through 2023
Table 33: Commercially Available Xenogeneic Acellular Graft
Table 34: Global Market for Biologically Derived Xenogenic Tissue, by Region, Through 2023
Table 35: Global Market for Genetically Engineered Materials, by Type, Through 2023
Table 36: Global Market for Genetically Engineered Materials, by Region, Through 2023
Table 37: Global Market for Deoxyribonucleic Acid Transfection Vectors, by Region, Through 2023
Table 38: Global Market for Genetically Manipulated Cells, by Region, Through 2023
Table 39: Global Market for 3D Polymer Technology, by Region, Through 2023
Table 40: List of Polymer Scaffolds Fabricated for Tissue Engineering Utilizing 3D Printing
Table 41: Global Market for Transgenics in Tissue Engineering, by Region, Through 2023
Table 42: Global Market for Fibroblasts, by Region, Through 2023
Table 43: Commercially Available Fibroblast Based Skin Substitute
Table 44: Global Market for Neural Stem Cells, by Region, Through 2023
Table 45: Global Market for Gene-Activated Matrix, by Region, Through 2023
Table 46: List of Biologics Approved, 2017
Table 47: Global Market for Small Molecules and Biologics, by Region, Through 2023
Table 48: Global Market for Tissue Engineering and Regeneration, by Application, Through 2023
Table 49: Global Market for Tissue-Engineering and Regeneration in Cardiovascular Applications, by Region, Through 2023
Table 50: Cell Therapies by Different Companies to Treat Cardiovascular Diseases
Table 51: Global Market for Tissue-Engineering and Regeneration in Oncology, by Region, Through 2023
Table 52: Global and U.S. Statistics for Skin Damage Medical Conditions, 2018
Table 53: Acellular Skin Tissue-Engineered Products in the Market
Table 54: Cellular Skin Tissue-Engineered Products in the Market
Table 55: Global Market for Tissue-Engineering and Regeneration in Dermatology Applications, by Region, Through 2023
Table 56: Global Market for Tissue-Engineering and Regeneration in Musculoskeletal



Applications, by Region, Through 2023

Table 57: Orthopedic Diseases, by Region: Key Facts

Table 58: Regenerative Medicine Companies, by Size and Region, 2011

Table 59: Global Market for Tissue-Engineering and Regeneration, by Region, Through 2023

Table 60: North American Commercialized Tissue-Engineering Products

Table 61: North American Market for Tissue-Engineering and Regeneration, by Segment, Through 2023

Table 62: Tissue Engineering Research Conducted according to Different Universities

Table 63: Tissue-Engineering Products Offered by Different Companies

Table 64: Funds Allocated for Research Activities in Budget, 2016

Table 65: Share of Increase of Spending on Biologics in Canada, 2011-2016

Table 66: Shares of Tissue-Engineering Firms in Selected European Countries, 2016

Table 67: European Market for Tissue-Engineering and Regeneration, by Segment, Through 2023

Table 68: Number of Deaths across Germany on Gender Differentiation, by Cause of Death, 2017

Table 69: Companies That Target Different Tissue-Engineering Areas in Germany

Table 70: Different Causes of Death: U.K. Statistics, 2017

Table 71: Companies That Target Different Tissue Engineering Areas in the U.K.

Table 72: Companies That Target Different Tissue Engineering Areas in France

Table 73: European Stem Cell Policies, by Country

Table 74: European Companies Developing Products in Tissue Engineering and Regeneration for Central Nervous System Disorders and Injuries

Table 75: Asia-Pacific Market for Tissue Engineering and Regeneration, by Segment, Through 2023

Table 76: Rest of World Market for Tissue-Engineering and Regeneration, by Segment, Through 2023

Table 77: Global Statistics for Central Nervous System Disorders and Injuries, 2015

Table 78: Key Competitive Strategies Used in the Tissue-Engineering Market, by Development Type, 2016-2019

Table 79: Regulatory Approvals in the Tissue-Engineering Market, by Company, 2016-2019

Table 80: Key Approvals in the Tissue-Engineering Market, 2016-2019

Table 81: Shares of Agreements, Expansions and Collaborations in the Tissue-Engineering Market, by Company, 2016-2019

Table 82: Key Agreements, Expansions and Collaborations in the Tissue-Engineering Market, 2016-2019

Table 83: Shares of Product Launches and Patent Applications/Patent Approvals in the

Tissue-Engineering Market, by Company, 2016-2019

Table 84: Key Product Launches in the Tissue-Engineering Market, 2016-2019

Table 85: Shares of Mergers and Acquisitions in the Tissue-Engineering Market, by Company, 2016-2019

Table 86: Key Mergers and Acquisitions in the Tissue-Engineering Market, 2016-2019

Table 87: Japanese Patents and Patent Applications on Tissue-Engineering and Regeneration Technologies, 2016-February 2019

Table 88: European Patents and Patent Applications on Tissue-Engineering and Regeneration Technologies, 2016-February 2019

Table 89: U.S. Patents and Patent Applications on Tissue-Engineering and Regeneration Technologies, 2016-February 2019

Table 90: Isto Biologics: Recent Developments

Table 91: Athersys Inc.: Financials, 2015-2017

Table 92: Athersys Inc.: Recent Developments

Table 93: Cerapedics, Inc.: Recent Developments

Table 94: Co.don AG: Recent Developments

Table 95: Cook Medical Inc.: Recent Developments

Table 96: CryoLife, Inc.: Financials, 2015-2017

Table 97: CryoLife, Inc.: Recent Developments

Table 98: Cytori Therapeutics, Inc.: Financials, 2013-2015

Table 99: Cytori Therapeutics, Inc.: Recent Developments

Table 100: Genzyme Corp.: Financials, 2013-2015

Table 101: Genzyme Corp.: Recent Developments

Table 102: Kinetic Concepts, Inc.: Recent Developments

Table 103: Mesoblast Ltd.: Financials, 2013-2015

Table 104: Mesoblast Ltd.: Recent Developments

Table 105: Nuo Therapeutics, Inc.: Financials, 2013-2015

Table 106: Astella Pharma, Inc.: Recent Developments

Table 107: Organogenesis Inc.: Recent Developments

Table 108: Orthopeutics LP: Recent Developments

Table 109: U.S. Stem Cell, Inc.: Financials, 2016-2018

Table 110: U.S. Stem Cell, Inc.: Recent Developments

Table 111: Vericel Corp.: Financials, 2016-2018

Table 112: Vericel Corp.: Recent Developments

Table 113: Wright Medical Group N.V.: Financials, 2016-2018

Table 114: Wright Medical Technology Inc.: Recent Developments

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for Tissue Engineering and Regeneration, by Region, 2018-2023

Figure 1: Tissue-Engineering Strategies

Figure 2: Nanotechnology and Tissue Regeneration

Figure 3: Porter's Five Forces Model for Tissue-Engineering and Regenerative Medicine Market

Figure 4: Number of Clinical Trials Registered for Various Diseases, 2011-2016

Figure 5: FDA Approvals of Biologics, 2016-2018

Figure 6: Shares of Global Diabetes Prevalence, by Region, 2017

Figure 7: T-Cell Therapy Technique

Figure 8: Global Number of Orthopedic Surgeries, 2012-2020

Figure 9: Regenerative Medicine Companies, by Size and Region, 2011

Figure 10: United States' NIH Stem Cell Research Spending, 2013-2018

Figure 11: Shares of Heart Disease Deaths in the U.S., by Disease Type, 2017

Figure 12: Healthcare Spending in Germany, by Source, 2015 and 2040 (est.)

Figure 13: Pathway for Dissemination of Regenerative Medicine

Figure 14: Shares of Key Competitive Strategies Used in the Tissue-Engineering Market, by Development Type, 2016-2019\*

Figure 15: Shares of Regulatory Approvals in the Tissue-Engineering Market, by Company, 2016-2019

Figure 16: Shares of Agreements, Expansions and Collaborations in the Tissue-Engineering Market, by Company, 2016-2019

Figure 17: Shares of Product Launches and Patent Applications/Patent Approvals in the Tissue-Engineering Market, by Company, 2016-2019

Figure 18: Shares of Mergers and Acquisitions in the Tissue-Engineering Market, by Company, 2016-2019

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