

Genetic Modification Therapies Clinical Applications: Gene Therapies, Genetically Modified Cell Therapies, RNA Therapies and Gene Editing

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Abstracts

Report Scope:

The study scope includes clinical therapies using gene editing, gene therapy, genetically modified cell therapy (chimeric antigen receptor T-cells, or CAR T-cells) or RNA therapy platforms. Delivery technologies covered include AAV, adenovirus, lentivirus, retrovirus, other viral and nonviral. Disease areas covered include cardiology, oncology, ophthalmology, hematology, musculoskeletal, neurology, rare diseases and others. Therapies that are already commercialized or are forecast to be commercialized with the next five years are included.

We analyze key genetic modification therapy technologies and products to determine present and future market status and forecasted growth from 2018 through 2023. We also discuss strategic alliances, industry structures, competitive dynamics, patents and market driving forces.

BCC Research examines the genetic modification therapies industry by market segment, including the following segments: gene editing, gene therapy, CAR T-cell therapy, RNA therapy and lentiviral production. The geographic market for genetic modification therapy products by platform technology is analyzed. Regions include North America, Europe, Asia-Pacific and the rest of the world.

The role of key strategic alliances and acquisitions from Jan. 2016 through June 2018 is discussed.

The challenges involved with pricing for genetic modification therapies that can offer

one-time cures for diseases is discussed. Emerging markets for clinical gene editing are analyzed. More than 145 companies in the genetic modification therapies industry are profiled.

Report Includes:

30 data tables and 56 additional tables

An overview of the global market for genetic modification therapies

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

Information on the genetic variation analysis and genetic modification technologies

Evaluation of key growth driving forces, acquisitions and strategic alliances related to the market

Detailed description of the criteria for selecting gene modification therapy applications

Review of patents for gene editing, gene therapy, RNA therapy and gene modification therapies

Profiles of the key companies in the market, including 4d Molecular Therapeutics LLC, Abeona Therapeutics LLC, Acer Therapeutics Inc., Allergan Plc and American Gene Technologies International Inc.

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing the Study
Contribution of the Study and for Whom
Scope and Format
Methodology
Information Sources
Geographical Breakdown
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 OVERVIEW

Scope of Report
Genetic Modification Therapies Covered in Report
Genetic Modification Therapy Platform Technologies
Forces Driving the Growth of the Market for Genetic Modification Therapies
Global Market for Genetic Modification Therapies
Life-Cycle Status of Products and Technologies
Genetic Modification Therapies Industry

CHAPTER 4 TECHNOLOGY

Introduction to Genetic Technology
Genetic Variation and Analysis
Genetic Modification Therapies
Gene Therapy Technologies
RNA Therapy Technologies
Gene Editing Technologies
Genetically Modified Cell Therapy Technologies
Delivery Technologies
Introduction
Viral Delivery Technologies

Nonviral Delivery Technologies
Design and Manufacture of a Gene Therapy Medicine

CHAPTER 5 GENETIC MODIFICATION THERAPY APPLICATIONS

CHAPTER 6 GENETIC MODIFICATION THERAPIES INDUSTRY

Summary
Gene Editing Industry
Gene Therapy Industry
Genetically Modified Cell Therapy Industry
RNA Therapy Industry
Lentivirus Production Industry

CHAPTER 7 ACQUISITIONS AND STRATEGIC ALLIANCES

Acquisitions
Strategic Alliances

CHAPTER 8 MARKETS FOR GENETIC MODIFICATION THERAPIES

Growth Driving Forces
Payment and Business Models for Genetic Modification Therapeutics
Market for Genetic Modification Therapies
Genetic Modification Therapies by Platform Technology
Genetic Modification Therapies by Disease Category
Genetic Modification Therapies by Delivery Technology
Genetic Modification Therapies by Indication
Genetic Modification Therapies by Region

CHAPTER 9 PATENTS

Gene Editing-Related Patents
Gene Editing Patents-Sangamo Case Study
Gene Therapy Delivery Patents
RNA Therapy-Related Patents
CAR T-cell Patents

CHAPTER 10 COMPANY PROFILES

Genetic Modification Therapies Clinical Applications: Gene Therapies, Genetically Modified Cell Therapies, RNA...

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List Of Tables

LIST OF TABLES

Summary Table: Global Market for Genetic Modification Therapies, by Disease Category, Through 2023

Table 1: Scope of Report

Table 2: Genetic Modification Therapies Covered in Report

Table 3: Genetic Modification Platforms

Table 4: Key Market Growth Driving Forces of Genetic Modification Therapies

Table 5: Global Market for Genetic Modification Therapies, by Delivery Technology, Through 2023

Table 6: Genetic Modification Therapy Technology Life-Cycle Stage

Table 7: Characteristics of the Genetic Modification Therapies Industry

Table 8: Chemical Building Blocks of DNA and RNA

Table 9: DNA Translation and Transcription

Table 10: Long-range DNA Structure

Table 11: Genetic Variant Types

Table 12: Therapeutic Intervention Platforms

Table 13: Genetic Modification Approaches

Table 14: Distinct Features of the Genetic Modification Approaches

Table 15: Main Components of Gene Therapy Technology

Table 16: Gene Therapy Delivery Technology Parameters

Table 17: Clinical Criteria for Gene Therapy

Table 18: RNA Therapy Segments

Table 19: Gene Editing Therapeutic Interventions

Table 20: Gene Editing Technology Approaches

Table 21: Comparison of the Major Gene Editing Technologies

Table 22: Genetically Modified Cell Therapy Technologies

Table 23: Delivery Vector Technical Hurdles

Table 24: Comparison of Viral Vector Types

Table 25: Nonviral Delivery Methods

Table 26: Steps in Designing and Manufacturing a Gene Therapy Medicine

Table 27: Near-Term Applications for Genetic Modification Therapies

Table 28: Characteristics of Liver Organ

Table 29: Sectors within the Genetic Modification Therapies Industry

Table 30: Gene Editing Industry

Table 31: Gene Therapy Companies

Table 32: Genetically Modified Cell Therapy Clinical Industry

Table 33: RNA Therapy Companies

Table 34: GMP Clinical-Grade Lentiviral Manufacturing Companies

Table 35: Genetic Modification Therapies Industry Acquisitions, Jan. 2016-June 2018

Table 36: Genetic Modification Therapies Industry Strategic Alliances, Jan. 2016-June 2018

Table 37: Genetic Modification Therapies Key Market Growth Driving Forces

Table 38: Global Market for Genetic Modification Therapies, by Platform Technology, Through 2023

Table 39: Global Market for Gene Editing Therapies, by Disease Category, Through 2023

Table 40: Global Market for Gene Editing Therapies, by Technology, Through 2023

Table 41: Global Market for Gene Editing Therapies, by Delivery Type, Through 2023

Table 42: CRISPR Clinical Pipeline

Table 43: Global Market for Gene Therapy, by Disease Category, Through 2023

Table 44: Inherited Retinal Diseases

Table 45: Global Market for Gene Therapy, by Platform Technology, Through 2023

Table 46: Global Market for Gene Therapy, by Delivery Technology, Through 2023

Table 47: Gene Therapy AAV Vector Clinical Landscape

Table 48: Global Market for Genetically Modified Cell Therapy, by Disease Category, Through 2023

Table 49: Global Market for Genetically Modified Cell Therapy, by Platform Technology, Through 2023

Table 50: Global Genetically Modified Cell Therapy Market, by Delivery Technology, Through 2023

Table 51: Allogeneic versus Autologous Approaches

Table 52: Allogeneic Clinical and Preclinical Cell Therapy Programs

Table 53: Global Market for RNA Therapy, by Disease Category, Through 2023

Table 54: Global Market for RNA Therapy, by Platform Technology, Through 2023

Table 55: GalNAc-conjugated RNA Therapy Pipeline

Table 56: Global Market for RNA Therapy, by Delivery Technology, Through 2023

Table 57: Global Market for Genetic Modification Therapies, by Disease Category, Through 2023

Table 58: Indications Driving Market Growth

Table 59: Global Market for Genetic Modification Therapies Market, by Delivery Technology, Through 2023

Table 60: Global Market for Genetic Modification Medicines: Marketed and Late-Stage Pipeline

Table 61: Global Market for Genetic Modification Therapies in Cardiology, by Indication, Through 2023

Table 62: Global Market for Genetic Modification Therapies in Oncology, by Indication, Through 2023

Table 63: Barriers to CAR T-Cell Solid Tumor Development

Table 64: CAR T-Cell Solid Tumor Development Status

Table 65: Global Market for Genetic Modification Therapies in Ophthalmology, by Indication, Through 2023

Table 66: Global Market for Genetic Modification Therapies in Hematology, by Indication, Through 2023

Table 67: Hemophilia A and B: Drugs in Development

Table 68: Global Market for Genetic Modification Therapies in Musculoskeletal Applications, by Indication, Through 2023

Table 69: Global Market for Genetic Modification Therapies, by Indication, Through 2023

Table 70: Global Market for Genetic Modification Therapies in Rare Diseases, by Indication, Through 2023

Table 71: Global Market for Genetic Modification Therapies in Other Applications, by Indication, Through 2023

Table 72: Global Market for Genetic Modification Therapies, by Region, Through 2023

Table 73: Global Market for Gene Editing Therapy, by Region, Through 2023

Table 74: Global Market for Gene Therapy, by Region, Through 2023

Table 75: Global Market for Genetically Modified Cell Therapy, by Region, Through 2023

Table 76: Global Market for RNA Therapy, by Region, Through 2023

Table 77: CRISPR-Cas9 Patent Groups

Table 78: CRISPR-Cas9 Patent Licensing Fields

Table 79: Sangamo's Collaboration Agreements Relating to ZFN Technology

Table 80: Sangamo Therapeutics' Patent Position

Table 81: Oxford BioMedica's Key Patents

Table 82: RNA Therapy Patents and Patent Applications, by Leading Companies

Table 83: CAR T-cell Patentable Technologies

Table 84: Affimers versus Antibodies for Gene Therapy Applications

Table 85: Gene Editing versus Gene Therapy Approach

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Genetic Modification Therapies, by Disease Category, 2017-2023

Figure 1: Complexity of Therapeutic Approaches

Figure 2: Main Principle of Molecular Biology

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