

Exosome Research Market by Product & Service (Kits, Reagents (Antibodies, Isolation Purification), Instruments), Indication (Cancer, Infectious Diseases), Application (Biomarkers, Vaccines), Manufacturing Services (Stem cell) - Global Forecast to 2028

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Abstracts

The exosome research market is projected to reach USD 356 million by 2028 from an estimated USD 169 million in 2023, at a CAGR of 16.0% during the forecast period. The growth of this market can be attributed to the increasing incidence of chronic diseases, including cancer, neurodegenerative disorders, and cardiovascular conditions, which has driven the demand for advanced diagnostic and therapeutic solutions. Exosomes, with their potential as biomarkers and therapeutic delivery vehicles, are positioned to address this demand.

'The kits & reagents segment accounted for the largest share by product & services in 2022.'

In 2022, the platform segment accounted for the largest share of product & service in the global exosome research market. The factors like kits and reagents provide researchers with ready-to-use solutions, simplifying the complex processes involved in exosome research is impending growth of the segment. The convenience and user-friendly nature of these kits contribute to their widespread adoption, especially among researchers who may not have extensive expertise in exosome isolation and analysis.

'The North America region continued to dominate the exosome research market during the forecast period of 2023-2028.'

North America dominated the global exosome research market in 2022. Government

agencies in North America, such as the National Institutes of Health (NIH) in the United States, allocate significant funding to biomedical research. This funding supports a wide range of projects, including those related to exosome research. Government support provides a critical financial boost to researchers and institutions, fostering innovation and advancement in the field. These factors are contributing to the growth of the North American exosome research market.

The primary interviews conducted for this report can be categorized as follows:

By Respondent: Supply Side- 70% and Demand Side 30%

By Designation: Managers - 45%, CXO & Directors - 30%, and Executives - 25%

By Region: North America -40%, Europe -25%, Asia-Pacific -20%, Latin America -10% and Middle East & Africa- 5%

List of Companies Profiled in the Report:

Thermo Fisher Scientific, Inc. (US)

Bio-Techne (US)

System Biosciences, LLC (US)

QIAGEN (Germany)

Lonza (Switzerland)

NX Pharmagen (US)

NanoSomiX (US)

Miltenyi Biotech (Germany)

Norgen Biotek Corp. (Canada)

AMSBio (UK)

Aethlon Medical, Inc. (US)

Anjarium Biosciences AG (UK)

Ciloa (France)

InnovaPrep LLC (US)

Creative Medical Technologies Holdings, Inc. (US)

ILIAS Biologics, Inc. (South Korea)

Unchained Labs (US)

Rion, Inc. (US)

Cell Guidance System, LLC (UK)

INOVIQ (Australia)

Danaher Corporation (US)

Exopharm (Australia)

Everzom (France)

RoosterBio, Inc. (US)

Creative Biolabs (US)

Research Coverage:

This research report categorizes the exosome research market by product & service (reagents & kits (antibodies, isolation purification, quantitation kits & reagents, and other kits & reagents) instruments, service), by indication (cancer indication (lung cancer, breast cancer, prostate cancer, colorectal cancer, other cancers), neurodegenerative diseases, cardiovascular diseases, infectious diseases, and other indications), by

application (biomarkers, vaccine development, tissue regeneration, and other applications), by manufacturing services (stem cell-derived exosome manufacturing services, dendritic cell-derived exosome manufacturing services, and other manufacturing services) by end user (academic & research institutes, pharmaceutical & biotechnological companies, and hospitals & clinical laboratories). The report's scope encompasses detailed information regarding major influencing factors such as drivers, trends, challenges, and opportunities shaping the growth of the exosome research market. A comprehensive analysis of key industry players has been conducted to offer insights into their business overview, products, key strategies, collaborations, partnerships, and agreements. The report also covers recent developments, including new product launches, mergers, and acquisitions, in the exosome research market.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall exosome research market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (Increasing investment in pharmaceutical and life sciences research, rising cancer prevalence, increasing interest in exosome-based procedures), restraints (Technical complexity of exosome isolation and technological limitations, regulatory uncertainty in exosome research), opportunities (Rising investments in emerging countries for exosome research, growing interest in exosome-based therapeutics, increasing demand for personalized medicine), and challenges (Lack of gold standard protocols for development & production of exosomes, limited understanding of cargo loading) influencing the growth of the market.

Product Development/Innovation: Detailed insights on newly launched products in the exosome research market

Market Development: Comprehensive information about lucrative markets - the report analyses the market across varied regions.

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the exosome research market

Competitive Assessment: Thermo Fisher Scientific, Inc. (US), Bio-Techne (US), System Biosciences, LLC (US), QIAGEN (Germany), Lonza (Switzerland), NX Pharmagen (US), NanoSomiX (US), Miltenyi Biotec (Germany), Norgen Biotek Corp. (Canada), AMSBio (UK), Aethlon Medical, Inc. (US), Anjarium Biosciences AG (UK), Ciloa (France), InnovaPrep LLC (US), Creative Medical Technologies Holdings, Inc. (US), ILIAS Biologics, Inc. (South Korea), Unchained Labs (US), Rion, Inc. (US), Cell Guidance System, LLC (UK), INOVIQ (Australia), Danaher Corporation (US), Exopharm (Australia), Everzom (France), RoosterBio, Inc. (US), and Creative Biolabs (US).

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 MARKETS COVERED
 - 1.3.1 MARKET SCOPE
 - 1.3.2 YEARS CONSIDERED
 - 1.3.3 CURRENCY CONSIDERED
- 1.4 STAKEHOLDERS
- 1.5 SUMMARY OF CHANGES
 - 1.5.1 RECESSION IMPACT

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 1 RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.2 PRIMARY DATA
 - FIGURE 2 BREAKDOWN OF PRIMARIES: EXOSOME RESEARCH MARKET
- 2.2 MARKET ESTIMATION METHODOLOGY
 - FIGURE 3 EXOSOME RESEARCH MARKET SIZE ESTIMATION (SUPPLY-SIDE ANALYSIS), 2022
 - FIGURE 4 MARKET SIZE ESTIMATION: APPROACH 1 (COMPANY REVENUE ANALYSIS-BASED ESTIMATION), 2022
 - 2.2.1 INSIGHTS FROM PRIMARY EXPERTS
 - FIGURE 5 MARKET SIZE VALIDATION FROM PRIMARY SOURCES
- 2.3 MARKET GROWTH RATE PROJECTIONS
 - FIGURE 6 EXOSOME RESEARCH MARKET (SUPPLY-SIDE): CAGR PROJECTIONS
 - FIGURE 7 EXOSOME RESEARCH MARKET (DEMAND-SIDE): GROWTH ANALYSIS OF DEMAND-SIDE DRIVERS
 - 2.3.1 DATA TRIANGULATION
 - FIGURE 8 DATA TRIANGULATION METHODOLOGY
- 2.4 LIMITATIONS
- 2.5 RESEARCH ASSUMPTIONS
- 2.6 RISK ANALYSIS
- 2.7 RECESSION IMPACT

TABLE 1 GLOBAL INFLATION RATE PROJECTIONS, 2021–2028 (% GROWTH)

TABLE 2 US: HEALTH EXPENDITURE, 2019–2022 (USD MILLION)

TABLE 3 US: HEALTH EXPENDITURE, 2023–2030 (USD MILLION)

3 EXECUTIVE SUMMARY

FIGURE 9 EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2023 VS. 2028 (USD MILLION)

FIGURE 10 EXOSOME RESEARCH MARKET, BY INDICATION, 2023 VS. 2028 (USD MILLION)

FIGURE 11 EXOSOME RESEARCH MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)

FIGURE 12 EXOSOME RESEARCH MARKET, BY END USER, 2023 VS. 2028 (USD MILLION)

FIGURE 13 EXOSOME RESEARCH MARKET: GEOGRAPHICAL SNAPSHOT

4 PREMIUM INSIGHTS

4.1 EXOSOME RESEARCH MARKET OVERVIEW

FIGURE 14 RISING INVESTMENTS IN PHARMACEUTICAL INDUSTRY TO SUPPORT MARKET GROWTH

4.2 EXOSOME RESEARCH MARKET: BY MANUFACTURING SERVICE

FIGURE 15 STEM CELL-DERIVED EXOSOME MANUFACTURING SERVICES TO HOLD LARGEST MARKET SHARE TILL 2028

4.3 ASIA PACIFIC: EXOSOME RESEARCH MARKET SHARE, BY APPLICATION & COUNTRY (2022)

FIGURE 16 BIOMARKERS ACCOUNTED FOR LARGEST SHARE OF APPLICATION SEGMENT IN 2022

4.4 EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2023 VS. 2028 (USD MILLION)

FIGURE 17 LUNG CANCER SEGMENT CONTINUES TO DOMINATE MARKET IN 2028

4.5 EXOSOME RESEARCH MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES

FIGURE 18 NORTH AMERICA AND EUROPE MARKETS TO SHOW HIGHER GROWTH

4.6 EXOSOME RESEARCH MARKET SHARE, BY END USER, 2022

FIGURE 19 ACADEMIC & RESEARCH INSTITUTES TO DOMINATE MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 20 EXOSOME RESEARCH MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

TABLE 4 EXOSOME RESEARCH MARKET: IMPACT ANALYSIS

5.2.1 DRIVERS

5.2.1.1 Increasing investment in pharmaceutical and life sciences research

5.2.1.2 Rising cancer prevalence

TABLE 5 GLOBAL CANCER INCIDENCE, 2022 VS. 2025

5.2.1.3 Increasing interest in exosome-based procedures

5.2.2 RESTRAINTS

5.2.2.1 Technical complexity of exosome isolation and technological limitations

5.2.2.2 Regulatory uncertainty in exosome research

5.2.3 OPPORTUNITIES

5.2.3.1 Rising investments in emerging countries for exosome research

5.2.3.2 Growing interest in exosome-based therapeutics

5.2.3.3 Increasing demand for personalized medicine

5.2.4 CHALLENGES

5.2.4.1 Lack of gold standard protocols for exosome development and production

5.2.4.2 Limited understanding of cargo loading

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 21 REVENUE SHIFT AND NEW POCKETS FOR EXOSOME PROVIDERS

5.4 PRICING ANALYSIS

TABLE 6 AVERAGE SELLING PRICES OF KEY PLAYERS, BY PRODUCT

TABLE 7 REGIONAL VARIATIONS IN PRODUCT COSTS

5.5 VALUE CHAIN ANALYSIS

FIGURE 22 VALUE CHAIN ANALYSIS OF EXOSOME RESEARCH: R&D AND MANUFACTURING PHASES ADD MAXIMUM VALUE

5.6 SUPPLY CHAIN ANALYSIS

FIGURE 23 EXOSOME RESEARCH MARKET: SUPPLY CHAIN ANALYSIS

5.7 ECOSYSTEM/MARKET MAP

FIGURE 24 EXOSOME RESEARCH MARKET ECOSYSTEM

TABLE 8 EXOSOME RESEARCH MARKET: ROLE IN ECOSYSTEM

5.8 TECHNOLOGY ANALYSIS

TABLE 9 EXOSOME RESEARCH MARKET: TECHNOLOGY ANALYSIS—EXOSOME ISOLATION

TABLE 10 EXOSOME RESEARCH MARKET: TECHNOLOGY ANALYSIS—EXOSOME

CHARACTERIZATION

TABLE 11 EXOSOME RESEARCH MARKET: TECHNOLOGY ANALYSIS—EXOSOME ANALYSIS

5.9 PATENT ANALYSIS

FIGURE 25 PATENT APPLICATIONS FOR EXOSOME RESEARCH MARKET, JANUARY 2013–OCTOBER 2023

TABLE 12 INDICATIVE LIST OF PATENTS IN EXOSOME RESEARCH MARKET

5.10 KEY CONFERENCES AND EVENTS, 2024–2025

TABLE 13 EXOSOME RESEARCH MARKET: DETAILED LIST OF CONFERENCES AND EVENTS

5.11 REGULATORY ANALYSIS

5.11.1 NORTH AMERICA

5.11.1.1 US

5.11.1.2 Canada

5.11.2 EUROPE

5.11.2.1 Germany

5.11.2.2 France

5.11.2.3 UK

5.11.3 ASIA PACIFIC

5.11.3.1 China

5.11.3.2 Japan

5.11.3.3 India

5.11.4 REST OF THE WORLD

5.11.4.1 Brazil

5.11.4.2 Argentina

5.11.4.3 Saudi Arabia

5.11.5 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 14 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 15 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 16 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 17 REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.12 PORTER'S FIVE FORCES ANALYSIS

TABLE 18 EXOSOME RESEARCH MARKET: PORTER'S FIVE FORCES ANALYSIS

5.12.1 THREAT OF NEW ENTRANTS

- 5.12.2 THREAT OF SUBSTITUTES
 - 5.12.3 BARGAINING POWER OF SUPPLIERS
 - 5.12.4 BARGAINING POWER OF BUYERS
 - 5.12.5 INTENSITY OF COMPETITIVE RIVALRY
 - 5.13 KEY STAKEHOLDERS AND BUYING CRITERIA
 - 5.13.1 KEY STAKEHOLDERS IN BUYING PROCESS
- FIGURE 26 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF EXOSOME PRODUCTS & SERVICES
- 5.13.2 BUYING CRITERIA FOR EXOSOME PRODUCTS & SERVICES
- FIGURE 27 KEY BUYING CRITERIA FOR END USERS

6 EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE

6.1 INTRODUCTION

TABLE 19 EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

6.2 KITS & REAGENTS

TABLE 20 EXOSOME RESEARCH KITS & REAGENTS MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 21 NORTH AMERICA: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 22 EUROPE: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 23 ASIA PACIFIC: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 24 EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

6.2.1 ANTIBODIES

6.2.1.1 High demand for exosome-based markers for disease detection to propel growth

TABLE 25 EXOSOME RESEARCH ANTIBODIES MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 26 NORTH AMERICA: EXOSOME RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 27 EUROPE: EXOSOME RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 28 ASIA PACIFIC: EXOSOME RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.2.2 ISOLATION, PURIFICATION, AND QUANTITATION KITS & REAGENTS

6.2.2.1 Availability of rapid and easy-to-use kits & reagents to ensure sustained demand

TABLE 29 EXOSOME RESEARCH ISOLATION, PURIFICATION, AND QUANTITATION KITS & REAGENTS MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 30 NORTH AMERICA: EXOSOME RESEARCH ISOLATION, PURIFICATION, AND QUANTITATION KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 31 EUROPE: EXOSOME RESEARCH ISOLATION, PURIFICATION, AND QUANTITATION KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 32 ASIA PACIFIC: EXOSOME RESEARCH ISOLATION, PURIFICATION, AND QUANTITATION KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.2.3 OTHER KITS & REAGENTS

TABLE 33 OTHER EXOSOME RESEARCH KITS & REAGENTS MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 34 NORTH AMERICA: OTHER EXOSOME RESEARCH KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 35 EUROPE: OTHER EXOSOME RESEARCH KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 36 ASIA PACIFIC: OTHER EXOSOME RESEARCH KITS & REAGENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3 INSTRUMENTS

6.3.1 DEMAND FOR SCALABLE EXOSOME DEVELOPMENT VIA HIGH-THROUGHPUT SYSTEMS TO DRIVE GROWTH

TABLE 37 EXOSOME RESEARCH INSTRUMENTS MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 38 NORTH AMERICA: EXOSOME RESEARCH INSTRUMENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 39 EUROPE: EXOSOME RESEARCH INSTRUMENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 40 ASIA PACIFIC: EXOSOME RESEARCH INSTRUMENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.4 SERVICES

6.4.1 LACK OF IN-HOUSE RESOURCES TO SUPPORT GROWTH OF SERVICES SECTOR

TABLE 41 EXOSOME RESEARCH SERVICES MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 42 NORTH AMERICA: EXOSOME RESEARCH SERVICES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 43 EUROPE: EXOSOME RESEARCH SERVICES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 44 ASIA PACIFIC: EXOSOME RESEARCH SERVICES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

7 EXOSOME RESEARCH MARKET, BY INDICATION

7.1 INTRODUCTION

TABLE 45 EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

7.2 CANCER

TABLE 46 EXOSOME RESEARCH MARKET FOR CANCER, BY REGION, 2021–2028 (USD MILLION)

TABLE 47 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 48 EUROPE: EXOSOME RESEARCH MARKET FOR CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 49 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 50 EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

7.2.1 LUNG CANCER

7.2.1.1 Increasing prevalence and advancements in instruments and assays for liquid biopsy to drive market

TABLE 51 EXOSOME RESEARCH MARKET FOR LUNG CANCER, BY REGION, 2021–2028 (USD MILLION)

TABLE 52 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR LUNG CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 53 EUROPE: EXOSOME RESEARCH MARKET FOR LUNG CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 54 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR LUNG CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.2 BREAST CANCER

7.2.2.1 High prevalence and increasing awareness to drive market

TABLE 55 EXOSOME RESEARCH MARKET FOR BREAST CANCER, BY REGION, 2021–2028 (USD MILLION)

TABLE 56 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR BREAST

CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 57 EUROPE: EXOSOME RESEARCH MARKET FOR BREAST CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 58 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR BREAST CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.3 PROSTATE CANCER

7.2.3.1 Effectiveness of liquid biopsy in detecting prostate cancer before surgery to support market growth

TABLE 59 EXOSOME RESEARCH MARKET FOR PROSTATE CANCER, BY REGION, 2021–2028 (USD MILLION)

TABLE 60 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR PROSTATE CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 61 EUROPE: EXOSOME RESEARCH MARKET FOR PROSTATE CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 62 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR PROSTATE CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.4 COLORECTAL CANCER

7.2.4.1 Increasing exosome-based research and projects to propel market

TABLE 63 EXOSOME RESEARCH MARKET FOR COLORECTAL CANCER, BY REGION, 2021–2028 (USD MILLION)

TABLE 64 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR COLORECTAL CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 65 EUROPE: EXOSOME RESEARCH MARKET FOR COLORECTAL CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 66 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR COLORECTAL CANCER, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.5 OTHER CANCERS

TABLE 67 EXOSOME RESEARCH MARKET FOR OTHER CANCERS, BY REGION, 2021–2028 (USD MILLION)

TABLE 68 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR OTHER CANCERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 69 EUROPE: EXOSOME RESEARCH MARKET FOR OTHER CANCERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 70 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR OTHER CANCERS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3 NEURODEGENERATIVE DISEASES

7.3.1 POTENTIAL APPLICATIONS OF SALIVARY EXOSOMAL CARGO CONTENT IN TREATMENT TO DRIVE MARKET

TABLE 71 EXOSOME RESEARCH MARKET FOR NEURODEGENERATIVE

DISEASES, BY REGION, 2021–2028 (USD MILLION)

TABLE 72 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR NEURODEGENERATIVE DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 73 EUROPE: EXOSOME RESEARCH MARKET FOR NEURODEGENERATIVE DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 74 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR NEURODEGENERATIVE DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

7.4 CARDIOVASCULAR DISEASES

7.4.1 EXPANDING RESEARCH ON CVD APPLICATIONS TO PROPEL SEGMENT GROWTH

TABLE 75 EXOSOME RESEARCH MARKET FOR CARDIOVASCULAR DISEASES, BY REGION, 2021–2028 (USD MILLION)

TABLE 76 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR CARDIOVASCULAR DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 77 EUROPE: EXOSOME RESEARCH MARKET FOR CARDIOVASCULAR DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 78 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR CARDIOVASCULAR DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

7.5 INFECTIOUS DISEASES

7.5.1 POTENTIAL FOR DEEPER UNDERSTANDING OF INFECTIOUS DISEASE THERAPEUTICS TO DRIVE MARKET

TABLE 79 EXOSOME RESEARCH MARKET FOR INFECTIOUS DISEASES, BY REGION, 2021–2028 (USD MILLION)

TABLE 80 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 81 EUROPE: EXOSOME RESEARCH MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 82 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021–2028 (USD MILLION)

7.6 OTHER INDICATIONS

TABLE 83 EXOSOME RESEARCH MARKET FOR OTHER INDICATIONS, BY REGION, 2021–2028 (USD MILLION)

TABLE 84 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR OTHER INDICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 85 EUROPE: EXOSOME RESEARCH MARKET FOR OTHER INDICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 86 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR OTHER INDICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

8 EXOSOME RESEARCH MARKET, BY APPLICATION

8.1 INTRODUCTION

TABLE 87 EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

8.2 BIOMARKERS

8.2.1 BIOMARKERS TO HOLD LARGEST SHARE OF APPLICATIONS MARKET

TABLE 88 EXOSOME RESEARCH MARKET FOR BIOMARKERS, BY REGION, 2021–2028 (USD MILLION)

TABLE 89 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR BIOMARKERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 90 EUROPE: EXOSOME RESEARCH MARKET FOR BIOMARKERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 91 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR BIOMARKERS, BY COUNTRY, 2021–2028 (USD MILLION)

8.3 VACCINE DEVELOPMENT

8.3.1 GROWING INTEREST IN EXOSOMES IN INFECTIOUS DISEASE

THERAPEUTICS TO DRIVE MARKET

TABLE 92 EXOSOME RESEARCH MARKET FOR VACCINE DEVELOPMENT, BY REGION, 2021–2028 (USD MILLION)

TABLE 93 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR VACCINE DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 94 EUROPE: EXOSOME RESEARCH MARKET FOR VACCINE DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 95 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR VACCINE DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

8.4 TISSUE REGENERATION

8.4.1 MINIMAL SIDE EFFECTS AND HIGH EFFICACY OF EXOSOMES TO SUPPORT ADOPTION

TABLE 96 EXOSOME RESEARCH MARKET FOR TISSUE REGENERATION, BY REGION, 2021–2028 (USD MILLION)

TABLE 97 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR TISSUE REGENERATION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 98 EUROPE: EXOSOME RESEARCH MARKET FOR TISSUE REGENERATION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 99 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR TISSUE REGENERATION, BY COUNTRY, 2021–2028 (USD MILLION)

8.5 OTHER APPLICATIONS

TABLE 100 EXOSOME RESEARCH MARKET FOR OTHER APPLICATIONS, BY

REGION, 2021–2028 (USD MILLION)

TABLE 101 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 102 EUROPE: EXOSOME RESEARCH MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 103 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

9 EXOSOME RESEARCH MARKET, BY END USER

9.1 INTRODUCTION

TABLE 104 EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

9.2 ACADEMIC & RESEARCH INSTITUTES

9.2.1 ACADEMIC & RESEARCH INSTITUTES TO HOLD LARGEST SHARE OF END-USER MARKET

TABLE 105 EXOSOME RESEARCH MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY REGION, 2021–2028 (USD MILLION)

TABLE 106 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 107 EUROPE: EXOSOME RESEARCH MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 108 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

9.3 PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES

9.3.1 SIGNIFICANT DEVELOPMENTS IN NANOMEDICINE TO DRIVE MARKET

TABLE 109 EXOSOME RESEARCH MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY REGION, 2021–2028 (USD MILLION)

TABLE 110 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 111 EUROPE: EXOSOME RESEARCH MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 112 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

9.4 HOSPITALS & CLINICAL TESTING LABORATORIES

9.4.1 RISING ADOPTION OF EXOSOME-BASED ONCOLOGY RESEARCH SOLUTIONS TO DRIVE MARKET

TABLE 113 EXOSOME RESEARCH MARKET FOR HOSPITALS & CLINICAL TESTING LABORATORIES, BY REGION, 2021–2028 (USD MILLION)

TABLE 114 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR HOSPITALS & CLINICAL TESTING LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 115 EUROPE: EXOSOME RESEARCH MARKET FOR HOSPITALS & CLINICAL TESTING LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 116 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR HOSPITALS & CLINICAL TESTING LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

10 EXOSOME RESEARCH MARKET, BY MANUFACTURING SERVICE

10.1 INTRODUCTION

TABLE 117 EXOSOME RESEARCH MARKET, BY MANUFACTURING SERVICE, 2021–2028 (USD MILLION)

10.2 STEM CELL-DERIVED EXOSOME MANUFACTURING

10.2.1 RISING DEMAND FOR MSC EXOSOMES IN THERAPEUTICS TO DRIVE MARKET

10.3 DENDRITIC CELL-DERIVED EXOSOME MANUFACTURING

10.3.1 SIGNIFICANT DEVELOPMENTS IN DC-EXOSOME IMMUNOTHERAPY TO PROPEL GROWTH

10.4 OTHER EXOSOME MANUFACTURING SERVICES

11 EXOSOME RESEARCH MARKET, BY REGION

11.1 INTRODUCTION

TABLE 118 EXOSOME RESEARCH MARKET, KEYWORD ANALYSIS (2001-2022)

TABLE 119 EXOSOME RESEARCH MARKET, BY REGION, 2021–2028 (USD MILLION)

11.2 NORTH AMERICA

FIGURE 28 NORTH AMERICA: EXOSOME RESEARCH MARKET SNAPSHOT

TABLE 120 NORTH AMERICA: EXOSOME RESEARCH MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 121 NORTH AMERICA: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 122 NORTH AMERICA: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 123 NORTH AMERICA: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 124 NORTH AMERICA: EXOSOME RESEARCH MARKET FOR CANCER, BY

TYPE, 2021–2028 (USD MILLION)

TABLE 125 NORTH AMERICA: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 126 NORTH AMERICA: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.1 US

11.2.1.1 HIGH BURDEN OF CANCER AND FAVORABLE PUBLIC & PRIVATE FUNDING FOR RESEARCH TO DRIVE MARKET

TABLE 127 US: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 128 US: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 129 US: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 130 US: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 131 US: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 132 US: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.2 CANADA

11.2.2.1 INCREASING FUNDING FOR GENOME-BASED MEDICAL TREATMENTS TO SUPPORT MARKET GROWTH

TABLE 133 CANADA: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 134 CANADA: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 135 CANADA: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 136 CANADA: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 137 CANADA: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 138 CANADA: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.3 NORTH AMERICA: RECESSION IMPACT

11.3 EUROPE

FIGURE 29 EUROPE: EXOSOME RESEARCH MARKET SNAPSHOT

TABLE 139 EUROPE: EXOSOME RESEARCH MARKET, BY COUNTRY, 2021–2028

(USD MILLION)

TABLE 140 EUROPE: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 141 EUROPE: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 142 EUROPE: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 143 EUROPE: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 144 EUROPE: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 145 EUROPE: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.1 GERMANY

11.3.1.1 Germany to dominate European market

TABLE 146 GERMANY: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 147 GERMANY: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 148 GERMANY: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 149 GERMANY: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 150 GERMANY: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 151 GERMANY: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.2 UK

11.3.2.1 Growing life sciences industry to drive market

TABLE 152 UK: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 153 UK: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 154 UK: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 155 UK: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 156 UK: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 157 UK: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.3 FRANCE

11.3.3.1 Strong collaborative network between biotechnology entities and research institutes to support growth

TABLE 158 FRANCE: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 159 FRANCE: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 160 FRANCE: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 161 FRANCE: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 162 FRANCE: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 163 FRANCE: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.4 REST OF EUROPE

TABLE 164 REST OF EUROPE: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 165 REST OF EUROPE: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 166 REST OF EUROPE: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 167 REST OF EUROPE: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 168 REST OF EUROPE: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 169 REST OF EUROPE: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.5 EUROPE: RECESSION IMPACT

11.4 ASIA PACIFIC

TABLE 170 ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 171 ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 172 ASIA PACIFIC: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 173 ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY INDICATION,

2021–2028 (USD MILLION)

TABLE 174 ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 175 ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 176 ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.1 CHINA

11.4.1.1 China to hold largest share in APAC market

TABLE 177 CHINA: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 178 CHINA: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 179 CHINA: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 180 CHINA: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 181 CHINA: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 182 CHINA: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.2 JAPAN

11.4.2.1 High cancer prevalence and increasing healthcare expenditure to drive market

TABLE 183 TOTAL NUMBER OF CLINICAL TRIALS IN JAPAN, BY THERAPEUTIC AREA, 2020 VS. 2022

TABLE 184 JAPAN: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 185 JAPAN: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 186 JAPAN: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 187 JAPAN: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 188 JAPAN: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 189 JAPAN: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.3 REST OF ASIA PACIFIC

TABLE 190 REST OF ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 191 REST OF ASIA PACIFIC: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 192 REST OF ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 193 REST OF ASIA PACIFIC: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 194 REST OF ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 195 REST OF ASIA PACIFIC: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.4 ASIA PACIFIC: RECESSION IMPACT

11.5 REST OF THE WORLD

TABLE 196 REST OF THE WORLD: EXOSOME RESEARCH MARKET, BY PRODUCT & SERVICE, 2021–2028 (USD MILLION)

TABLE 197 REST OF THE WORLD: EXOSOME RESEARCH KITS & REAGENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 198 REST OF THE WORLD: EXOSOME RESEARCH MARKET, BY INDICATION, 2021–2028 (USD MILLION)

TABLE 199 REST OF THE WORLD: EXOSOME RESEARCH MARKET FOR CANCER, BY TYPE, 2021–2028 (USD MILLION)

TABLE 200 REST OF THE WORLD: EXOSOME RESEARCH MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 201 REST OF THE WORLD: EXOSOME RESEARCH MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.1 REST OF THE WORLD: RECESSION IMPACT

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW

12.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

FIGURE 30 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS, 2020- 2023

12.3 REVENUE ANALYSIS

FIGURE 31 REVENUE ANALYSIS OF TOP FIVE MARKET PLAYERS (2018–2022)

12.4 MARKET SHARE ANALYSIS

TABLE 202 EXOSOME RESEARCH MARKET: DEGREE OF COMPETITION

12.5 COMPANY EVALUATION MATRIX

12.5.1 STARS

12.5.2 EMERGING LEADERS

12.5.3 PERVASIVE

12.5.4 EMERGING COMPANIES

FIGURE 33 EXOSOME RESEARCH MARKET: COMPANY EVALUATION MATRIX, 2022

12.5.5 COMPANY FOOTPRINT

TABLE 203 COMPANY FOOTPRINT (25 COMPANIES)

TABLE 204 PRODUCT & SERVICE FOOTPRINT (25 COMPANIES)

TABLE 205 GEOGRAPHIC FOOTPRINT (25 COMPANIES)

12.6 START-UP/SME EVALUATION MATRIX

12.6.1 PROGRESSIVE COMPANIES

12.6.2 STARTING BLOCKS

12.6.3 RESPONSIVE COMPANIES

12.6.4 DYNAMIC COMPANIES

FIGURE 34 EXOSOME RESEARCH MARKET: START-UP/SME EVALUATION MATRIX, 2022

12.6.5 COMPETITIVE BENCHMARKING

TABLE 206 EXOSOME RESEARCH MARKET: DETAILED LIST OF KEY START-UP/SME PLAYERS

TABLE 207 EXOSOME RESEARCH MARKET: COMPETITIVE BENCHMARKING OF KEY PLAYERS [START-UPS/SMES]

12.7 COMPETITIVE SCENARIO

13 COMPANY PROFILES

13.1 KEY PLAYERS

(Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

13.1.1 THERMO FISHER SCIENTIFIC INC.

TABLE 208 THERMO FISHER SCIENTIFIC INC.: COMPANY OVERVIEW

FIGURE 35 THERMO FISHER SCIENTIFIC INC.: COMPANY SNAPSHOT (2022)

13.1.2 QIAGEN

TABLE 209 QIAGEN: COMPANY OVERVIEW

FIGURE 36 QIAGEN: COMPANY SNAPSHOT (2022)

13.1.3 LONZA

TABLE 210 LONZA: COMPANY OVERVIEW

FIGURE 37 LONZA: COMPANY SNAPSHOT (2022)

13.1.4 SYSTEM BIOSCIENCES, LLC

TABLE 211 SYSTEM BIOSCIENCES, LLC: COMPANY OVERVIEW

13.1.5 BIO-TECHNE

TABLE 212 BIO-TECHNE: COMPANY OVERVIEW

FIGURE 38 BIO-TECHNE: COMPANY SNAPSHOT (2022)

13.1.6 DANAHER CORPORATION

TABLE 213 DANAHER CORPORATION: COMPANY OVERVIEW

FIGURE 39 DANAHER CORPORATION: COMPANY SNAPSHOT (2022)

13.1.7 AMSBIO

TABLE 214 AMSBIO: COMPANY OVERVIEW

13.1.8 ROOSTERBIO, INC.

TABLE 215 ROOSTERBIO, INC.: COMPANY OVERVIEW

13.1.9 MILTENYI BIOTEC

TABLE 216 MILTENYI BIOTEC: COMPANY OVERVIEW

13.1.10 NORGEN BIOTEK CORP.

TABLE 217 NORGEN BIOTEK CORP.: COMPANY OVERVIEW

13.2 OTHER PLAYERS

13.2.1 AETHLON MEDICAL, INC.

13.2.2 ANJARIUM BIOSCIENCES AG

13.2.3 CILOA

13.2.4 INNOVAPREP, LLC

13.2.5 CREATIVE MEDICAL TECHNOLOGY HOLDINGS, INC,

13.2.6 ILIAS BIOLOGICS INC.

13.2.7 UNCHAINED LABS

13.2.8 RION INC.

13.2.9 CELL GUIDANCE SYSTEMS LLC

13.2.10 INOVIQ

13.2.11 NX PHARMAGEN

13.2.12 EXOPHARM

13.2.13 EVERZOM

13.2.14 NANOSOMIX

13.2.15 CREATIVE BIOLABS

*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

14 APPENDIX

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

14.3 CUSTOMIZATION OPTIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

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