

Cell Culture Media Market by Type (Serum-free (CHO, BHK, Vero Cell), Stem Cell, Chemically Defined, Classical, Specialty), Application (Biopharmaceutical (mAbs, Vaccine), Diagnostics, Tissue Engineering), End User (Pharma, Biotech) & Region - Global Forecast to 2028

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Abstracts

The global cell culture media market is projected to reach USD 13.0 billion by 2028 from USD 6.2 billion in 2023, at a CAGR of 16.0% during the forecast period. Rising demand for mabs & biosimilars, increased adoption of serum-free media are some of the major factors projecting the market growth. Increased adoption of cell-based vaccines coupled with rise in investment by key market players in launch of novel products in the market are some of the major elements anticipated to drive the market growth in coming years.

“By type, the serum-free media segment is projected to grow at significant CAGR during the forecast period”

In 2022, the serum-free media segment accounted for the largest share of the market. Serum-free media has been developed as an alternative to serum-containing media to provide a more controlled and defined environment for cell culture. These media are usually composed of a basal medium supplemented with defined concentrations of growth factors, hormones, vitamins, minerals, and other nutrients necessary for cell growth and proliferation. Due to various advantages there has been increased demand for serum-free media among end users, this factor is impacting the segmental growth.

“Asia Pacific: The fastest-growing region in the cell culture media market”

The cell culture media market is segmented into North America, Europe, Asia Pacific, Latin America (LATAM) and Middle East and Africa (MEA). The Asia Pacific market is expected to register the highest CAGR of 17.5% during the forecast period. Favorable regulatory support and guidelines for the cell culture-based vaccine production, moderate manufacturing costs of vaccines and emphasis on geographical expansion by key market players in the region are some of the major factors anticipated to project the growth of the Asia Pacific region at faster pace.

A breakdown of the primary participants referred to for this report is provided below:

By Respondent: Supply Side- 80% and Demand Side 20%

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

By Region: North America -20%, Europe -10%, Asia-Pacific -55%, Latin America -10%, Middle East & Africa- 5%

The prominent players in the global cell culture media market are Thermo Fisher Scientific, Inc. (US), Merck KGaA (Germany), Danaher Corporation (US), Sartorius AG (Germany), Corning Incorporated (US), FUJIFILM Irvine Scientific, Inc. (Japan), Lonza Group AG (Switzerland), Becton, Dickinson and Company (US), Miltenyi Biotec (Germany), HiMedia Laboratories Pvt. Ltd. (India), STEMCELL Technologies Inc. (Canada), Biologos LLC (US), Cell Applications, Inc. (US), Caisson Laboratories Inc. (US), PromoCell GmbH (Germany), Cell Biologics, Inc. (US), InvivoGen (France), PAN-Biotech GmbH (Germany), Cellular Technology Limited, LLC (US), ZenBio, Inc. (US), Athena Environmental Sciences, Inc. (US), Cyagen Biosciences (US), Biowest SAS (France), WELGENE Inc. (South Korea), KCell Biosciences (South Korea), and Akron Biotech (US). Research Coverage: The report analyzes the cell culture media market and aims to estimate the market size and future growth potential. The report also includes an in-depth competitive analysis of the key players in this market, along with their company profiles, product offerings, and recent developments.

Reasons to Buy the Report

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall cell culture media 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 (R&D spending in pharmaceutical companies, emerging cell culture technologies for cell-based vaccines, increasing demand for monoclonal antibodies and biosimilars, growth in stem cell research, the launch of new cell culture media by market players, increasing demand for serum and animal component-free media and the growing focus on personalized medicine), restraints (Expensive cell biology research products, ethical concerns regarding cell biology research), opportunities (Advancing in 3D cell cultures), and challenges (Survival of small players and new entrants) influencing the growth of the cell culture media market

Product Development/Innovation: Detailed insights on upcoming trends, research & development activities, and new product launches in the cell culture media Market

Market Development: Comprehensive information about lucrative markets – the report analyses the cell culture media market across varied regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the cell culture media market

Competitive Assessment: In-depth assessment of market shares, growth strategies and product offerings of leading players like Thermo Fisher Scientific, Inc. (US), Merck KGaA (Germany), Danaher Corporation (US), Sartorius AG (Germany), Corning Incorporated (US), FUJIFILM Irvine Scientific, Inc. (Japan), Lonza Group AG (Switzerland), Becton, Dickinson and Company (US), Miltenyi Biotec (Germany), HiMedia Laboratories Pvt. Ltd. (India), STEMCELL Technologies Inc. (Canada), Biologos LLC (US).

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
 - 1.2.1 INCLUSIONS & EXCLUSIONS
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS
- 1.7 SUMMARY OF CHANGES
- 1.8 RECESSION IMPACT

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 1 CELL CULTURE MEDIA MARKET: RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.2 PRIMARY RESEARCH
 - FIGURE 2 BREAKDOWN OF PRIMARIES: CELL CULTURE MEDIA MARKET
- 2.2 MARKET ESTIMATION METHODOLOGY
 - FIGURE 3 CELL CULTURE MEDIA MARKET SIZE ESTIMATION, 2022
 - FIGURE 4 MARKET SIZE ESTIMATION: APPROACH 1—COMPANY REVENUE ANALYSIS-BASED ESTIMATION, 2022
 - FIGURE 5 ILLUSTRATIVE EXAMPLE OF MERCK KGAA: REVENUE SHARE ANALYSIS (2022)
 - FIGURE 6 KEY INDUSTRY INSIGHTS
- 2.3 MARKET GROWTH RATE PROJECTIONS
 - FIGURE 7 CELL CULTURE MEDIA MARKET (SUPPLY-SIDE): CAGR PROJECTIONS
 - FIGURE 8 CELL CULTURE MEDIA MARKET: GROWTH ANALYSIS OF DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES
- 2.4 MARKET BREAKDOWN AND DATA TRIANGULATION
 - FIGURE 9 DATA TRIANGULATION METHODOLOGY
- 2.5 RESEARCH ASSUMPTIONS
- 2.6 RISK ANALYSIS
- 2.7 RECESSION IMPACT

TABLE 1 GLOBAL INFLATION RATE PROJECTIONS, 2022–2028 (% GROWTH)

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

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

3 EXECUTIVE SUMMARY

FIGURE 10 CELL CULTURE MEDIA MARKET, BY TYPE, 2023 VS. 2028 (USD MILLION)

FIGURE 11 CELL CULTURE MEDIA MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)

FIGURE 12 CELL CULTURE MEDIA MARKET, BY END USER, 2023 VS. 2028 (USD MILLION)

FIGURE 13 CELL CULTURE MEDIA MARKET: GEOGRAPHICAL SNAPSHOT

4 PREMIUM INSIGHTS

4.1 CELL CULTURE MEDIA MARKET OVERVIEW

FIGURE 14 RISING R&D SPENDING IN PHARMA COMPANIES AND EMERGING CELL CULTURE TECHNOLOGIES FOR CELL-BASED VACCINES TO DRIVE MARKET

4.2 NORTH AMERICA: CELL CULTURE MEDIA MARKET, BY TYPE AND COUNTRY (2022)

FIGURE 15 SERUM-FREE MEDIA SEGMENT ACCOUNTED FOR LARGEST SHARE OF NORTH AMERICAN CELL CULTURE MEDIA MARKET IN 2022

4.3 CELL CULTURE MEDIA MARKET SHARE, BY APPLICATION, 2023 VS. 2028

FIGURE 16 BIOPHARMACEUTICAL PRODUCTION SEGMENT TO CONTINUE TO DOMINATE MARKET IN 2028

4.4 CELL CULTURE MEDIA MARKET, BY END USER, 2022 (USD MILLION)

FIGURE 17 PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES SEGMENT DOMINATED MARKET IN 2022

4.5 CELL CULTURE MEDIA MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES

FIGURE 18 ASIA PACIFIC COUNTRIES TO REGISTER HIGHEST GROWTH DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 19 CELL CULTURE MEDIA MARKET: DRIVERS, RESTRAINTS,

OPPORTUNITIES, AND CHALLENGES

TABLE 4 CELL CULTURE MEDIA MARKET: IMPACT ANALYSIS OF DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Emerging cell culture technologies for cell-based vaccines

TABLE 5 APPROVED CELL CULTURE-BASED VACCINES FOR INFLUENZA

5.2.1.2 Increasing demand for monoclonal antibodies and biosimilars

TABLE 6 APPROVED MONOCLONAL ANTIBODIES BY US FDA FOR THERAPEUTIC USE

5.2.1.3 Launch of new cell culture media products by market players

5.2.1.4 Rising R&D investments by pharmaceutical companies

FIGURE 20 GLOBAL PHARMACEUTICAL R&D SPENDING, 2014–2028

5.2.1.5 Increasing demand for serum- and animal component-free media

5.2.1.6 Growth in stem cell research

5.2.1.7 Growing focus on personalized medicine

TABLE 7 GROWTH IN NUMBER OF PERSONALIZED MEDICATIONS, 2015–2022

5.2.2 RESTRAINTS

5.2.2.1 Expensive cell biology research products

5.2.2.2 Ethical concerns regarding cell biology research

5.2.3 OPPORTUNITIES

5.2.3.1 Advancements in 3D cell culture

5.2.3.2 Increasing incidence of infectious diseases and outbreaks of pandemics

TABLE 8 PROJECTED INCREASE IN COUNT OF CANCER PATIENTS, 2015 VS. 2018 VS. 2020 VS. 2035

TABLE 9 ESTIMATED COUNT OF NEW CASES OF CANCER, EXCLUDING NON-MELANOMA SKIN CANCER, AGE (0–85+), 2020–2040

5.2.3.3 Emerging markets

5.2.4 CHALLENGES

5.2.4.1 Survival of small players and new entrants

5.3 IMPACT OF UNCERTAINTIES ON CELL CULTURE MEDIA MARKET

FIGURE 21 CELL CULTURE MEDIA MARKET: SPECTRUM OF SCENARIOS BASED ON IMPACT OF UNCERTAINTIES ON GROWTH

5.4 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 22 REVENUE SHIFT & NEW REVENUE POCKETS FOR CELL CULTURE MEDIA PROVIDERS

5.5 PATENT ANALYSIS

FIGURE 23 CELL CULTURE MEDIA MARKET: PATENT APPLICATIONS, JANUARY 2012–JUNE 2023

TABLE 10 CELL CULTURE MEDIA MARKET: INDICATIVE LIST OF PATENTS

5.6 VALUE CHAIN ANALYSIS

FIGURE 24 VALUE CHAIN ANALYSIS OF CELL CULTURE MEDIA MARKET: RAW MATERIAL AND MANUFACTURING PHASE CONTRIBUTES MAXIMUM VALUE

5.7 SUPPLY CHAIN ANALYSIS

FIGURE 25 CELL CULTURE MEDIA MARKET: SUPPLY CHAIN ANALYSIS

5.8 CELL CULTURE MEDIA MARKET: ECOSYSTEM ANALYSIS

TABLE 11 CELL CULTURE MEDIA MARKET: ECOSYSTEM

5.9 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 12 CELL CULTURE MEDIA MARKET: CONFERENCES AND EVENTS

5.10 PRICING ANALYSIS

5.10.1 AVERAGE SELLING PRICE TRENDS OF DIFFERENT TYPES OF MEDIA/1000L IN DEVELOPED AND DEVELOPING REGIONS (2022)

TABLE 13 AVERAGE SELLING PRICE OF DIFFERENT TYPES OF MEDIA (2022)

5.11 TRADE ANALYSIS (HS CODES)

TABLE 14 EXPORT DATA FOR PREPARED CULTURE MEDIA, BY COUNTRY, 2018–2022 (USD THOUSAND)

TABLE 15 IMPORT DATA FOR PREPARED CULTURE MEDIA, BY COUNTRY, 2018–2022 (USD THOUSAND)

5.12 PORTER'S FIVE FORCES ANALYSIS

TABLE 16 CELL CULTURE MEDIA 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

5.13 REGULATORY ANALYSIS

5.13.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.14 KEY STAKEHOLDERS AND BUYING CRITERIA

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 26 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS OF CELL CULTURE MEDIA PRODUCTS

5.14.2 BUYING CRITERIA FOR CELL CULTURE MEDIA

FIGURE 27 KEY BUYING CRITERIA FOR END USERS

6 CELL CULTURE MEDIA MARKET, BY TYPE

6.1 INTRODUCTION

TABLE 17 CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

6.1.1 SERUM-FREE MEDIA

TABLE 18 SERUM-FREE MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 19 SERUM-FREE MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 20 NORTH AMERICA: SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 21 EUROPE: SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 22 ASIA PACIFIC: SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 23 LATIN AMERICA: SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 24 SERUM-FREE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

6.1.1.1 CHO media

6.1.1.1.1 Growing adoption of CHO media in biopharmaceutical companies to drive market

TABLE 25 CHO MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 26 CHO MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 27 NORTH AMERICA: CHO MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 28 EUROPE: CHO MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 29 ASIA PACIFIC: CHO MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 30 LATIN AMERICA: CHO MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.2 HEK 293 media

6.1.1.2.1 Advantages of HEK 293 cell lines to boost market

TABLE 31 HEK 293 MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 32 HEK 293 MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 33 NORTH AMERICA: HEK 293 MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 34 EUROPE: HEK 293 MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 35 ASIA PACIFIC: HEK 293 MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 36 LATIN AMERICA: HEK 293 MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.3 BHK media

6.1.1.3.1 Wide applications of BHK media in production of recombinant proteins to bolster market

TABLE 37 BHK MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 38 BHK MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 39 NORTH AMERICA: BHK MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 40 EUROPE: BHK MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 41 ASIA PACIFIC: BHK MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 42 LATIN AMERICA: BHK MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.4 Vero cell media

6.1.1.4.1 Increasing role of Vero cells in research pertaining to viral vaccines to boost market

TABLE 43 VERO CELL MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 44 VERO CELL MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 45 NORTH AMERICA: VERO CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 46 EUROPE: VERO CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 47 ASIA PACIFIC: VERO CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 48 LATIN AMERICA: VERO CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.5 Serum-free stem cell media

6.1.1.5.1 Availability of funding for stem cell research to propel market

TABLE 49 SERUM-FREE STEM CELL MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 50 SERUM-FREE STEM CELL MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 51 NORTH AMERICA: SERUM-FREE STEM CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 52 EUROPE: SERUM-FREE STEM CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 53 ASIA PACIFIC: SERUM-FREE STEM CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 54 LATIN AMERICA: SERUM-FREE STEM CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.6 Immune cell media

6.1.1.6.1 Growing demand for research on immune cells to fuel market

TABLE 55 IMMUNE CELL MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 56 IMMUNE CELL MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 57 NORTH AMERICA: IMMUNE CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 58 EUROPE: IMMUNE CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 59 ASIA PACIFIC: IMMUNE CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 60 LATIN AMERICA: IMMUNE CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.7 Insect cell media

6.1.1.7.1 Growing adoption of insect cell media for heterologous protein expression to drive market

TABLE 61 INSECT CELL MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 62 INSECT CELL MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 63 NORTH AMERICA: INSECT CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 64 EUROPE: INSECT CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 65 ASIA PACIFIC: INSECT CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 66 LATIN AMERICA: INSECT CELL MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.1.8 Other serum-free media

TABLE 67 OTHER SERUM-FREE MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 68 OTHER SERUM-FREE MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 69 NORTH AMERICA: OTHER SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 70 EUROPE: OTHER SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 71 ASIA PACIFIC: OTHER SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 72 LATIN AMERICA: OTHER SERUM-FREE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.2 CLASSICAL MEDIA & SALTS

6.1.2.1 Wide use of classical media & salts across all types of cell culture applications to boost market

TABLE 73 CLASSICAL MEDIA & SALTS OFFERED BY KEY MARKET PLAYERS

TABLE 74 CLASSICAL MEDIA & SALTS MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 75 NORTH AMERICA: CLASSICAL MEDIA & SALTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 76 EUROPE: CLASSICAL MEDIA & SALTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 77 ASIA PACIFIC: CLASSICAL MEDIA & SALTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 78 LATIN AMERICA: CLASSICAL MEDIA & SALTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.3 STEM CELL CULTURE MEDIA

6.1.3.1 Increasing collaborations for stem cell research to bolster market

TABLE 79 STEM CELL CULTURE MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 80 STEM CELL CULTURE MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 81 NORTH AMERICA: STEM CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 82 EUROPE: STEM CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 83 ASIA PACIFIC: STEM CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 84 LATIN AMERICA: STEM CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.4 CHEMICALLY DEFINED (CD) MEDIA

6.1.4.1 Ability of CD media to increase reproducibility to drive market

TABLE 85 CHEMICALLY DEFINED MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 86 CHEMICALLY DEFINED MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 87 NORTH AMERICA: CHEMICALLY DEFINED MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 88 EUROPE: CHEMICALLY DEFINED MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 89 ASIA PACIFIC: CHEMICALLY DEFINED MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 90 LATIN AMERICA: CHEMICALLY DEFINED MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.5 SPECIALTY MEDIA

6.1.5.1 Ability of primary cells to proliferate in specialty media to fuel market

TABLE 91 SPECIALTY MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 92 SPECIALTY MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 93 NORTH AMERICA: SPECIALTY MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 94 EUROPE: SPECIALTY MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 95 ASIA PACIFIC: SPECIALTY MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 96 LATIN AMERICA: SPECIALTY MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.1.6 OTHER CELL CULTURE MEDIA

TABLE 97 OTHER CELL CULTURE MEDIA OFFERED BY KEY MARKET PLAYERS

TABLE 98 OTHER CELL CULTURE MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 99 NORTH AMERICA: OTHER CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 100 EUROPE: OTHER CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 101 ASIA PACIFIC: OTHER CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 102 LATIN AMERICA: OTHER CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

7 CELL CULTURE MEDIA MARKET, BY APPLICATION

7.1 INTRODUCTION

TABLE 103 CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

7.2 BIOPHARMACEUTICAL PRODUCTION

TABLE 104 CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY REGION, 2021–2028 (USD MILLION)

TABLE 105 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 106 EUROPE: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 107 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 108 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 109 CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL

PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)**7.2.1 MONOCLONAL ANTIBODY PRODUCTION**

7.2.1.1 Growing demand for monoclonal antibody production to fuel market growth

TABLE 110 INDICATIVE LIST OF APPROVED ANTIBODY PRODUCTS PRODUCED IN CHO CELLS

TABLE 111 INDICATIVE LIST OF MONOCLONAL ANTIBODIES WITH FDA AUTHORIZATION

TABLE 112 CELL CULTURE MEDIA MARKET FOR MONOCLONAL ANTIBODY PRODUCTION, BY REGION, 2021–2028 (USD MILLION)

TABLE 113 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR MONOCLONAL ANTIBODY PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 114 EUROPE: CELL CULTURE MEDIA MARKET FOR MONOCLONAL ANTIBODY PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 115 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR MONOCLONAL ANTIBODY PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 116 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR MONOCLONAL ANTIBODY PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.2 VACCINE PRODUCTION

7.2.2.1 Growing government support for vaccine production to boost market

TABLE 117 NIH FUNDING FOR VACCINE RESEARCH, 2020–2024 (USD MILLION)

TABLE 118 CELL CULTURE MEDIA MARKET FOR VACCINE PRODUCTION, BY REGION, 2021–2028 (USD MILLION)

TABLE 119 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR VACCINE PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 120 EUROPE: CELL CULTURE MEDIA MARKET FOR VACCINE PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 121 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR VACCINE PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 122 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR VACCINE PRODUCTION, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.3 OTHER THERAPEUTIC PROTEIN PRODUCTION APPLICATIONS

TABLE 123 CELL CULTURE MEDIA MARKET FOR OTHER THERAPEUTIC PROTEIN PRODUCTION APPLICATIONS, BY REGION, 2021–2028 (USD MILLION)

TABLE 124 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER THERAPEUTIC PROTEIN PRODUCTION APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 125 EUROPE: CELL CULTURE MEDIA MARKET FOR OTHER THERAPEUTIC PROTEIN PRODUCTION APPLICATIONS, BY COUNTRY, 2021–2028

(USD MILLION)

TABLE 126 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR OTHER THERAPEUTIC PROTEIN PRODUCTION APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 127 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER THERAPEUTIC PROTEIN PRODUCTION APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3 DIAGNOSTICS

7.3.1 INCREASING INCIDENCE OF INFECTIOUS DISEASES TO DRIVE MARKET
TABLE 128 CELL CULTURE MEDIA MARKET FOR DIAGNOSTICS, BY REGION, 2021–2028 (USD MILLION)

TABLE 129 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR DIAGNOSTICS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 130 EUROPE: CELL CULTURE MEDIA MARKET FOR DIAGNOSTICS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 131 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR DIAGNOSTICS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 132 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR DIAGNOSTICS, BY COUNTRY, 2021–2028 (USD MILLION)

7.4 TISSUE ENGINEERING & REGENERATIVE MEDICINE

TABLE 133 CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY REGION, 2021–2028 (USD MILLION)

TABLE 134 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 135 EUROPE: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 136 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 137 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 138 CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

7.4.1 CELL & GENE THERAPY

7.4.1.1 Increasing adoption of cell and gene therapies for treating patients to propel market

TABLE 139 CELL CULTURE MEDIA MARKET FOR CELL & GENE THERAPY, BY REGION, 2021–2028 (USD MILLION)

TABLE 140 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR CELL & GENE THERAPY, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 141 EUROPE: CELL CULTURE MEDIA MARKET FOR CELL & GENE THERAPY, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 142 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR CELL & GENE THERAPY, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 143 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR CELL & GENE THERAPY, BY COUNTRY, 2021–2028 (USD MILLION)

7.4.2 OTHER TISSUE ENGINEERING & REGENERATIVE MEDICINE APPLICATIONS

TABLE 144 CELL CULTURE MEDIA MARKET FOR OTHER TISSUE ENGINEERING & REGENERATIVE MEDICINE APPLICATIONS, BY REGION, 2021–2028 (USD MILLION)

TABLE 145 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER TISSUE ENGINEERING & REGENERATIVE MEDICINE APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 146 EUROPE: CELL CULTURE MEDIA MARKET FOR OTHER TISSUE ENGINEERING & REGENERATIVE MEDICINE APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 147 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR OTHER TISSUE ENGINEERING & REGENERATIVE MEDICINE APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 148 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER TISSUE ENGINEERING & REGENERATIVE MEDICINE APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.5 DRUG SCREENING & DEVELOPMENT

7.5.1 ADOPTION OF CELL-BASED ASSAYS IN DRUG DISCOVERY TO BOOST MARKET

TABLE 149 CELL CULTURE MEDIA MARKET FOR DRUG SCREENING & DEVELOPMENT, BY REGION, 2021–2028 (USD MILLION)

TABLE 150 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR DRUG SCREENING & DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 151 EUROPE: CELL CULTURE MEDIA MARKET FOR DRUG SCREENING & DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 152 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR DRUG SCREENING & DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 153 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR DRUG

SCREENING & DEVELOPMENT, BY COUNTRY, 2021–2028 (USD MILLION)

7.6 OTHER APPLICATIONS

TABLE 154 CELL CULTURE MEDIA MARKET FOR OTHER APPLICATIONS, BY REGION, 2021–2028 (USD MILLION)

TABLE 155 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 156 EUROPE: CELL CULTURE MEDIA MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 157 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 158 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

8 CELL CULTURE MEDIA MARKET, BY END USER

8.1 INTRODUCTION

TABLE 159 CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

8.2 PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES

8.2.1 INCREASING RESEARCH EXPENDITURE BY PHARMA AND BIOTECH COMPANIES TO DRIVE MARKET

TABLE 160 PHARMA & BIOTECH SECTOR: RECENT DEVELOPMENTS

TABLE 161 CELL CULTURE MEDIA MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY REGION, 2021–2028 (USD MILLION)

TABLE 162 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 163 EUROPE: CELL CULTURE MEDIA MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 164 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 165 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

8.3 HOSPITALS & DIAGNOSTIC LABORATORIES

8.3.1 INCREASING APPLICATIONS OF CELL CULTURE MEDIA IN DISEASE DIAGNOSIS TO BOOST MARKET

TABLE 166 CELL CULTURE MEDIA MARKET FOR HOSPITALS & DIAGNOSTIC

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

TABLE 167 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR HOSPITALS & DIAGNOSTIC LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 168 EUROPE: CELL CULTURE MEDIA MARKET FOR HOSPITALS & DIAGNOSTIC LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 169 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR HOSPITALS & DIAGNOSTIC LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 170 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR HOSPITALS & DIAGNOSTIC LABORATORIES, BY COUNTRY, 2021–2028 (USD MILLION)

8.4 RESEARCH & ACADEMIC INSTITUTES

8.4.1 GROWING PREVALENCE OF CANCER AND INCREASING RESEARCH FUNDING TO PROPEL MARKET

TABLE 171 CELL CULTURE MEDIA MARKET FOR RESEARCH & ACADEMIC INSTITUTES, BY REGION, 2021–2028 (USD MILLION)

TABLE 172 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR RESEARCH & ACADEMIC INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 173 EUROPE: CELL CULTURE MEDIA MARKET FOR RESEARCH & ACADEMIC INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 174 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR RESEARCH & ACADEMIC INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 175 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR RESEARCH & ACADEMIC INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

8.5 OTHER END USERS

TABLE 176 CELL CULTURE MEDIA MARKET FOR OTHER END USERS, BY REGION, 2021–2028 (USD MILLION)

TABLE 177 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER END USERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 178 EUROPE: CELL CULTURE MEDIA MARKET FOR OTHER END USERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 179 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR OTHER END USERS, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 180 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR OTHER END USERS, BY COUNTRY, 2021–2028 (USD MILLION)

9 CELL CULTURE MEDIA MARKET, BY REGION

9.1 INTRODUCTION

TABLE 181 CELL CULTURE MEDIA MARKET, BY REGION, 2021–2028 (USD MILLION)

9.2 NORTH AMERICA

9.2.1 RECESSION IMPACT

FIGURE 28 NORTH AMERICA: CELL CULTURE MEDIA MARKET SNAPSHOT

TABLE 182 NORTH AMERICA: CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 183 NORTH AMERICA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 184 NORTH AMERICA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 185 NORTH AMERICA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 186 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 187 NORTH AMERICA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 188 NORTH AMERICA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.2.2 US

9.2.2.1 Growing pharmaceutical and biotechnology sector to drive market

TABLE 189 US: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 190 US: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 191 US: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 192 US: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 193 US: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 194 US: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.2.3 CANADA

9.2.3.1 Increase in stem cell research funding in Canada to fuel market growth

TABLE 195 CANADA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 196 CANADA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 197 CANADA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 198 CANADA: CELL CULTURE MEDIA MARKET FOR
BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 199 CANADA: CELL CULTURE MEDIA MARKET FOR TISSUE
ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 200 CANADA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028
(USD MILLION)

9.3 EUROPE

9.3.1 RECESSION IMPACT

TABLE 201 EUROPE: CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028
(USD MILLION)

TABLE 202 EUROPE: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD
MILLION)

TABLE 203 EUROPE: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE,
2021–2028 (USD MILLION)

TABLE 204 EUROPE: CELL CULTURE MEDIA MARKET, BY APPLICATION,
2021–2028 (USD MILLION)

TABLE 205 EUROPE: CELL CULTURE MEDIA MARKET FOR
BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 206 EUROPE: CELL CULTURE MEDIA MARKET FOR TISSUE
ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 207 EUROPE: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028
(USD MILLION)

9.3.2 GERMANY

9.3.2.1 Strong growth in biotechnology industry in Germany to drive market growth

TABLE 208 GERMANY: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028
(USD MILLION)

TABLE 209 GERMANY: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE,
2021–2028 (USD MILLION)

TABLE 210 GERMANY: CELL CULTURE MEDIA MARKET, BY APPLICATION,
2021–2028 (USD MILLION)

TABLE 211 GERMANY: CELL CULTURE MEDIA MARKET FOR
BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 212 GERMANY: CELL CULTURE MEDIA MARKET FOR TISSUE
ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 213 GERMANY: CELL CULTURE MEDIA MARKET, BY END USER,
2021–2028 (USD MILLION)

9.3.3 UK

9.3.3.1 Advancements in life sciences sector to boost market

TABLE 214 UK: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD

MILLION)

TABLE 215 UK: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 216 UK: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 217 UK: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 218 UK: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 219 UK: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.4 FRANCE

9.3.4.1 Increase in government funding for life science research to drive market

TABLE 220 FRANCE: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 221 FRANCE: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 222 FRANCE: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 223 FRANCE: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 224 FRANCE: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 225 FRANCE: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.5 ITALY

9.3.5.1 Growing support for life science research in Italy to fuel market growth

TABLE 226 ITALY: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 227 ITALY: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 228 ITALY: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 229 ITALY: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 230 ITALY: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 231 ITALY: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.6 SPAIN

9.3.6.1 Advancement of translational personalized medicine to support market growth in Spain

TABLE 232 SPAIN: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 233 SPAIN: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 234 SPAIN: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 235 SPAIN: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 236 SPAIN: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 237 SPAIN: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.7 REST OF EUROPE

TABLE 238 REST OF EUROPE: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 239 REST OF EUROPE: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 240 REST OF EUROPE: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 241 REST OF EUROPE: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 242 REST OF EUROPE: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 243 REST OF EUROPE: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4 ASIA PACIFIC

9.4.1 RECESSION IMPACT

FIGURE 29 ASIA PACIFIC: CELL CULTURE MEDIA MARKET SNAPSHOT

TABLE 244 ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 245 ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 246 ASIA PACIFIC: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 247 ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 248 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 249 ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 250 ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.2 CHINA

9.4.2.1 Increasing demand for monoclonal antibodies to propel market

TABLE 251 CHINA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 252 CHINA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 253 CHINA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 254 CHINA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 255 CHINA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 256 CHINA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.3 JAPAN

9.4.3.1 Strategic developments by companies to contribute to market growth

TABLE 257 JAPAN: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 258 JAPAN: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 259 JAPAN: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 260 JAPAN: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 261 JAPAN: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 262 JAPAN: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.4 INDIA

9.4.4.1 Favorable government regulations and support to augment market growth

TABLE 263 INDIA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 264 INDIA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE,

2021–2028 (USD MILLION)

TABLE 265 INDIA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 266 INDIA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 267 INDIA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 268 INDIA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.5 SOUTH KOREA

9.4.5.1 Increasing pharmaceutical and biotech R&D investment to bolster market

TABLE 269 SOUTH KOREA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 270 SOUTH KOREA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 271 SOUTH KOREA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 272 SOUTH KOREA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 273 SOUTH KOREA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 274 SOUTH KOREA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.6 REST OF ASIA PACIFIC

TABLE 275 REST OF ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 276 REST OF ASIA PACIFIC: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 277 REST OF ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 278 REST OF ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 279 REST OF ASIA PACIFIC: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 280 REST OF ASIA PACIFIC: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.5 LATIN AMERICA

9.5.1 RECESSION IMPACT

TABLE 281 LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY COUNTRY,

2021–2028 (USD MILLION)

TABLE 282 LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY TYPE,
2021–2028 (USD MILLION)

TABLE 283 LATIN AMERICA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY
TYPE, 2021–2028 (USD MILLION)

TABLE 284 LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY APPLICATION,
2021–2028 (USD MILLION)

TABLE 285 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR
BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 286 LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR TISSUE
ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 287 LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY END USER,
2021–2028 (USD MILLION)

9.5.2 BRAZIL

9.5.2.1 Expanding pharmaceutical market in Brazil to boost market

TABLE 288 BRAZIL: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD
MILLION)

TABLE 289 BRAZIL: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE,
2021–2028 (USD MILLION)

TABLE 290 BRAZIL: CELL CULTURE MEDIA MARKET, BY APPLICATION,
2021–2028 (USD MILLION)

TABLE 291 BRAZIL: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL
PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 292 BRAZIL: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING
& REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 293 BRAZIL: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028
(USD MILLION)

9.5.3 MEXICO

9.5.3.1 Growth in pharmaceutical market to spur cell culture in Mexico

TABLE 294 MEXICO: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD
MILLION)

TABLE 295 MEXICO: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE,
2021–2028 (USD MILLION)

TABLE 296 MEXICO: CELL CULTURE MEDIA MARKET, BY APPLICATION,
2021–2028 (USD MILLION)

TABLE 297 MEXICO: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL
PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 298 MEXICO: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING
& REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 299 MEXICO: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.5.4 REST OF LATIN AMERICA

TABLE 300 REST OF LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 301 REST OF LATIN AMERICA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 302 REST OF LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 303 REST OF LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 304 REST OF LATIN AMERICA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 305 REST OF LATIN AMERICA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

9.6 MIDDLE EAST & AFRICA

9.6.1 GROWING FUNDING INITIATIVES AND STRATEGIC PARTNERSHIPS TO PROPEL MARKET

9.6.2 RECESSION IMPACT

TABLE 306 MIDDLE EAST & AFRICA: CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 307 MIDDLE EAST & AFRICA: SERUM-FREE CELL CULTURE MEDIA MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 308 MIDDLE EAST AND AFRICA: CELL CULTURE MEDIA MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 309 MIDDLE EAST & AFRICA: CELL CULTURE MEDIA MARKET FOR BIOPHARMACEUTICAL PRODUCTION, BY TYPE, 2021–2028 (USD MILLION)

TABLE 310 MIDDLE EAST & AFRICA: CELL CULTURE MEDIA MARKET FOR TISSUE ENGINEERING & REGENERATIVE MEDICINE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 311 MIDDLE EAST & AFRICA: CELL CULTURE MEDIA MARKET, BY END USER, 2021–2028 (USD MILLION)

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION

10.2 RIGHT-TO-WIN APPROACHES ADOPTED BY KEY PLAYERS

FIGURE 30 CELL CULTURE MEDIA MARKET: STRATEGIES ADOPTED

10.3 MARKET SHARE ANALYSIS

FIGURE 31 MARKET SHARE ANALYSIS OF KEY PLAYERS (2022)

TABLE 312 CELL CULTURE MEDIA MARKET: DEGREE OF COMPETITION

10.4 REVENUE SHARE ANALYSIS

FIGURE 32 REVENUE ANALYSIS OF KEY PLAYERS (2019–2022)

10.5 COMPANY EVALUATION QUADRANT

10.5.1 STARS

10.5.2 EMERGING LEADERS

10.5.3 PERVASIVE PLAYERS

10.5.4 PARTICIPANTS

FIGURE 33 CELL CULTURE MEDIA MARKET: COMPANY EVALUATION MATRIX, 2022

10.6 COMPETITIVE BENCHMARKING OF TOP 26 PLAYERS

10.6.1 PRODUCT FOOTPRINT OF COMPANIES (26 COMPANIES)

TABLE 313 CELL CULTURE MEDIA MARKET: PRODUCT FOOTPRINT ANALYSIS OF KEY PLAYERS

10.6.2 REGIONAL FOOTPRINT OF COMPANIES (26 COMPANIES)

TABLE 314 CELL CULTURE MEDIA MARKET: REGIONAL FOOTPRINT ANALYSIS OF KEY PLAYERS

10.7 COMPANY EVALUATION QUADRANT: START-UPS/SMES

10.7.1 PROGRESSIVE COMPANIES

10.7.2 RESPONSIVE COMPANIES

10.7.3 DYNAMIC COMPANIES

10.7.4 STARTING BLOCKS

FIGURE 34 CELL CULTURE MEDIA MARKET: COMPANY EVALUATION MATRIX FOR START-UPS/SMES, 2022

10.8 COMPETITIVE BENCHMARKING OF START-UP/SME PLAYERS

TABLE 315 CELL CULTURE MEDIA MARKET: DETAILED LIST OF KEY START-UP/SME PLAYERS

TABLE 316 CELL CULTURE MEDIA MARKET: COMPANY EVALUATION QUADRANT OF START-UP/SME PLAYERS

10.9 COMPETITIVE SCENARIO AND TRENDS

10.9.1 PRODUCT LAUNCHES

TABLE 317 CELL CULTURE MEDIA MARKET: PRODUCT LAUNCHES, JANUARY 2020–JUNE 2023

10.9.2 DEALS

TABLE 318 CELL CULTURE MEDIA MARKET: DEALS, JANUARY 2020 TO JUNE 2023

10.9.3 OTHER DEVELOPMENTS

TABLE 319 CELL CULTURE MEDIA MARKET: OTHER DEVELOPMENTS, JANUARY 2020 TO JUNE 2023

11 COMPANY PROFILES

(Business overview, Products offered, Recent developments & MnM View)*

11.1 KEY PLAYERS

11.1.1 THERMO FISHER SCIENTIFIC INC.

TABLE 320 THERMO FISHER SCIENTIFIC INC.: BUSINESS OVERVIEW

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

TABLE 321 THERMO FISHER SCIENTIFIC INC.: PRODUCT LAUNCHES

TABLE 322 THERMO FISHER SCIENTIFIC INC.: OTHER DEVELOPMENTS

11.1.2 MERCK KGAA

TABLE 323 MERCK KGAA: COMPANY OVERVIEW

FIGURE 36 MERCK KGAA: COMPANY SNAPSHOT (2022)

TABLE 324 MERCK KGAA: DEALS

11.1.3 DANAHER

TABLE 325 DANAHER: COMPANY OVERVIEW

FIGURE 37 DANAHER: COMPANY SNAPSHOT (2022)

TABLE 326 DANAHER: DEALS

TABLE 327 DANAHER: OTHER DEVELOPMENTS

11.1.4 SARTORIUS AG

TABLE 328 SARTORIUS AG: BUSINESS OVERVIEW

FIGURE 38 SARTORIUS AG: COMPANY SNAPSHOT (2022)

TABLE 329 SARTORIUS AG: PRODUCT LAUNCHES

TABLE 330 SARTORIUS AG: DEALS

TABLE 331 SARTORIUS AG: OTHER DEVELOPMENTS

11.1.5 CORNING INCORPORATED

TABLE 332 CORNING INCORPORATED: BUSINESS OVERVIEW

FIGURE 39 CORNING INCORPORATED: COMPANY SNAPSHOT (2022)

11.1.6 FUJIFILM HOLDINGS CORPORATION

TABLE 333 FUJIFILM HOLDINGS CORPORATION: BUSINESS OVERVIEW

FIGURE 40 FUJIFILM HOLDINGS CORPORATION: COMPANY SNAPSHOT (2022)

TABLE 334 FUJIFILM HOLDINGS CORPORATION: PRODUCT LAUNCHES

TABLE 335 FUJIFILM HOLDINGS CORPORATION: DEALS

TABLE 336 FUJIFILM HOLDINGS CORPORATION: OTHER DEVELOPMENTS

11.1.7 LONZA

TABLE 337 LONZA: BUSINESS OVERVIEW

FIGURE 41 LONZA: COMPANY SNAPSHOT (2022)

TABLE 338 LONZA: PRODUCT LAUNCHES

TABLE 339 LONZA: OTHER DEVELOPMENTS

11.1.8 BECTON, DICKINSON AND COMPANY (BD)

TABLE 340 BECTON, DICKINSON AND COMPANY: BUSINESS OVERVIEW

FIGURE 42 BECTON, DICKINSON AND COMPANY: COMPANY SNAPSHOT (2022)

11.1.9 STEMCELL TECHNOLOGIES

TABLE 341 STEMCELL TECHNOLOGIES: BUSINESS OVERVIEW

TABLE 342 STEMCELL TECHNOLOGIES: DEALS

11.1.10 MILTENYI BIOTEC

TABLE 343 MILTENYI BIOTEC: BUSINESS OVERVIEW

11.1.11 HIMEDIA LABORATORIES

TABLE 344 HIMEDIA LABORATORIES: BUSINESS OVERVIEW

11.1.12 BIOLOGOS

TABLE 345 BIOLOGOS: BUSINESS OVERVIEW

*Details on Business overview, Products offered, Recent developments & MnM View might not be captured in case of unlisted companies.

11.2 OTHER PLAYERS

11.2.1 CELL APPLICATIONS, INC.

TABLE 346 CELL APPLICATIONS, INC.: COMPANY OVERVIEW

11.2.2 CAISSON LABS INC.

TABLE 347 CAISSON LABS INC.: COMPANY OVERVIEW

11.2.3 PROMOCCELL GMBH

TABLE 348 PROMOCCELL GMBH: COMPANY OVERVIEW

11.2.4 CELL BIOLOGICS, INC.

TABLE 349 CELL BIOLOGICS, INC.: COMPANY OVERVIEW

11.2.5 INVIVOGEN

TABLE 350 INVIVOGEN: COMPANY OVERVIEW

11.2.6 PAN-BIOTECH

TABLE 351 PAN-BIOTECH: COMPANY OVERVIEW

11.2.7 CELLULAR TECHNOLOGY LIMITED

TABLE 352 CELLULAR TECHNOLOGY LIMITED: COMPANY OVERVIEW

11.2.8 ZENBIO, INC.

TABLE 353 ZENBIO, INC.: COMPANY OVERVIEW

11.2.9 ATHENA ENVIRONMENTAL SCIENCES, INC.

TABLE 354 ATHENA ENVIRONMENTAL SCIENCES, INC.: COMPANY OVERVIEW

11.2.10 CYAGEN BIOSCIENCES

TABLE 355 CYAGEN BIOSCIENCES: COMPANY OVERVIEW

11.2.11 BIOWEST

TABLE 356 BIOWEST: COMPANY OVERVIEW

11.2.12 AKRON BIOTECH

TABLE 357 AKRON BIOTECH.: COMPANY OVERVIEW

11.2.13 KCELL BIOSCIENCES

TABLE 358 KCELL BIOSCIENCES: COMPANY OVERVIEW

11.2.14 WELGENE INC.

TABLE 359 WELGENE INC.: COMPANY OVERVIEW

12 APPENDIX

12.1 DISCUSSION GUIDE

12.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

12.3 CUSTOMIZATION OPTIONS

12.4 RELATED REPORTS

12.5 AUTHOR DETAILS

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