

Exosome Development and Manufacturing Services Market by Scale of Operation (Discovery / Research, Preclinical and Clinical) and Key Geographical Regions (North America, Europe, Asia-Pacific and Rest of the World): Industry Trends and Global Forecasts, 2022-2035

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Abstracts

The global exosomes development and exosomes manufacturing market is expected to reach USD 15 million in 2022 anticipated to grow at a CAGR of 18% during the forecast period 2022-2035.

Exosomes, essential extracellular vesicles facilitating intercellular communication by transporting nucleic acids, lipids, and proteins, hold immense potential in disease diagnosis and drug delivery. Despite their promising role as disease markers and carriers of vital components, challenges persist in their isolation, purification, and large-scale clinical-grade production compliant with Good Manufacturing Practices (GMP). To address these hurdles, several companies in the exosome field opt to outsource development and manufacturing processes, circumventing issues related to heterogeneity, isolation optimization, purification, and biomarker absence.

To fully exploit exosomes' therapeutic potential, cutting-edge technologies are being devised, aiming to enhance their applications. Concurrently, substantial research efforts target purifying exosomes with increased sensitivity and purity. This surge in research activities is evident in scientific literature and clinical trial engagements, notably driving collaborations and technology licensing deals. Service providers actively expand capabilities and infrastructure to meet the soaring demand for these vesicles.

Continual research, technological advancements, and concerted industry efforts in providing exosome development and manufacturing services indicate significant growth potential for the exosome market in the foreseeable future.

Report Coverage

Executive summary offering key insights on the present state and expected evolution of the exosome development and manufacturing services market.

Introduction to Exosomes including exosome basics, types of extracellular vesicles, their composition, therapeutic applications, associated advantages and challenges, along with details on isolation, characterization, manufacturing, and outsourcing.

Exosome Service Providers includes details on over 45 service providers, analyzing their offered services, methods used for isolation, purification, characterization, manufacturing, along with company details like establishment year, size, and location.

Competitiveness Analysis for service providers' strengths based on experience, expertise, service range, scalability, methods used, quality control, and manufacturing criteria.

Detailed profiles of prominent companies, including an overview, service portfolio, financial information (if available), recent developments, and future outlook.

Partnerships in the domain to explore partnerships established in the exosome field, covering various collaborations, agreements, mergers, acquisitions, and clinical trial agreements from 2016 to 2021.

Peer-reviewed articles on exosome research, considering publication year, services offered, focus areas, and highlights top journals.

Global events analyze global events attended by service providers, considering various parameters like year, type, location, focus areas, organizers, participants, and upcoming events' geographical mapping.

Exosome based technologies landscape providing an overview of technology

providers based on establishment year, company size, and location.

Patents analysis analyzing patents filed/granted for exosomes, considering various parameters such as type, year, location, classification, leading players, and valuation analysis.

Clinical studies of exosomes cover completed and ongoing clinical studies, detailing parameters like trial status, recruitment, phase, sponsors, leading players, focus areas, and trial locations.

Market forecast offering insights into the expected growth of the exosome development and manufacturing services market till 2035, including distribution across stages of operation and key geographies.

Summarizing the entire report, highlighting contemporary market trends and the expected evolution of the exosome services market.

Interviews transcripts containing detailed transcripts of interviews with key industry stakeholders like Jonathan Carson, Navdeep Singh, and Nicolas Rousseau.

Key Market Companies

Creative Bioarray

Creative Biolabs

Creative Biostructure

Amsbio

Cambridge Bioscience

Lonza

Qiagen

Exopharm

Sumika Chemical Analysis Service

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