

Small Molecules Innovator Contract Development And Manufacturing Organization - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

<https://marketpublishers.com/r/S4FEA0947825EN.html>

Date: July 2024

Pages: 120

Price: US\$ 4,750.00 (Single User License)

ID: S4FEA0947825EN

Abstracts

The Small Molecules Innovator Contract Development And Manufacturing Organization Market size is estimated at USD 48.40 billion in 2024, and is expected to reach USD 69.90 billion by 2029, growing at a CAGR of 6.60% during the forecast period (2024-2029).

The market is driven by increasing demand for small molecule drugs, the growing pipeline of small molecule drugs, the increasing burden of chronic diseases, and rising pharmaceutical R&D investments. A robust pipeline of small molecule drugs means that pharmaceutical and biotech companies have more compounds in various stages of development. This creates a greater need for specialized services CDMOs provide, including formulation development, process optimization, and manufacturing. For instance, according to the Bio Industry Analysis Report published in February 2023, 47 small molecule new chemical entities (NCEs) were in the clinical pipeline as of 2022. Traditional systemic small-molecule antibiotics account for 97%, and topical small molecules account for 3% of the small-molecule pipeline NCEs.

Similarly, according to Clinicaltrials.gov, as of March 2024, there were 64 small molecules of drugs in phase II trials and 3 in the phase III trials. Hence, the growing pipeline often spans various therapeutic areas, addressing multiple medical conditions. This diversification in drug development increases the demand for CDMOs with expertise in different fields, further stimulating the market.

The substantial investment by pharmaceutical companies in research and development

(R&D) of small molecule drugs has led to an increased demand for the services provided by contract development and manufacturing organizations (CDMOs). These organizations require specialized expertise and infrastructure to bring their drug candidates from the discovery phase through clinical trials. For instance, in September 2022, Cambrex completed the initial stage of its USD 30 million investment in its High Point, North Carolina facility for manufacturing small molecule active pharmaceutical ingredients (APIs). Furthermore, strategic collaboration for small molecule drug development is expected to drive market growth over the projected period. For instance, in January 2022, Sanofi and Exscientia entered a strategic research alliance and licensing pact for the purpose of developing up to 15 novel small molecule candidates across oncology and immunology, leveraging Exscientia's AI-driven platform utilizing actual patient samples.

Hence, the strong pipeline for small molecule drugs, increasing investment in developing small molecules, and key adoption of key strategies by market participants are expected to drive segment growth. However, stringent government regulations and compliance issues with outsourcing are anticipated to restrain the market growth over the projected period.

Small Molecules Innovator Contract Development And Manufacturing Organization Market Trends

The Neurology Segment is Expected to Hold Significant Share Between 2024 and 2029

The neurology segment in the small molecule innovators contract development and manufacturing organization (CDMO) market has been experiencing notable growth owing to growing awareness and understanding of neurological disorders, leading to an increased emphasis on the development of drugs targeting conditions like Alzheimer's, Parkinson's, epilepsy, and various other neurodegenerative diseases.

For instance, in July 2023, Biogen announced its small molecules pipeline drug Zuranolone (GABAA PAM) – Major depressive disorder (MDD) in phase III trials and BIIB131 (plasminogen activator) – Acute ischemic stroke in Phase II Trials. Similarly, UCB SA also reported that it has 4 small molecules of innovative drugs in the pipeline for neurology diseases, which include fenfluramine (5-HT agonist), doxecitine and doxribtimine (MT1621, nucleoside therapy), minzasolmin (?-syn-misfolding inhibitor), and STACCATO alprazolam (benzodiazepine) in various phase of development. Such a huge pipeline for small molecule innovator drugs is expected to create a huge demand for CDMO for process development, analytical testing, and manufacturing, which is

expected to contribute to segment growth between 2024 and 2029.

An increase in CNS diseases, like Parkinson's disease, amyotrophic lateral sclerosis (ALS), Huntington chorea, and Alzheimer's disease, facilitates the demand for CRO services since the drug development of these diseases requires various clinical trial support, regulatory recommendations, etc. For instance, according to data published by Alzheimer's Disease Facts and Figures Annual Report 2023, over 6 million Americans suffered from Alzheimer's disease, a figure predicted to climb to almost 13 million within three decades.

Additionally, as per the above source, in 2023, the United States spent USD 345 billion in treating and managing Alzheimer's and other dementias. By 2050, these costs could rise to nearly USD 1 trillion. Thus, the high burden of the disease is creating demand for innovative and effective therapies, driving the growth of the studied market.

Furthermore, the data updated by the World Health Organization in March 2023 showed that globally, about 55 million people suffer from dementia; every year, there are nearly 10 million new cases of dementia filed. Additionally, Atlas of Multiple Sclerosis data updated in September 2023 showed that 2.9 million people live with multiple sclerosis in 2023 worldwide and 10 million with Parkinson's disease, as per the data published by the Parkinson's Foundation. These increasing burdens of CNS disorders are anticipated to drive the demand for central nervous system therapeutics and significant research activities between 2024 and 2029.

Pharmaceutical and biotechnology corporations are augmenting their focus on service expansion. For instance, in September 2023, Celectricon expanded its neuroscience contract research portfolio with a new Neuroplasticity Services launched module set to accelerate drug discovery in therapeutic areas such as neuropsychiatry, epilepsy, and neurodegeneration.

Hence, increasing research and development activities, the presence of a strong pipeline, and strategic activities by the market players are expected to contribute to market growth between 2024 and 2029.

North America is Expected to Hold a Significant Market Share Between 2024 and 2029

North America, particularly the United States, is home to a well-established and robust

pharmaceutical industry. This region has a high concentration of innovative pharmaceutical and biotech companies that are actively engaged in drug discovery and development. The high investment in R&D, the strong foothold of key market players, and rising grants from the National Institute of Health for developing novel therapeutics in the country also contribute to market growth.

The increasing investment by the pharmaceutical and biotechnology industry in the development of small-molecule drugs is expected to contribute to market growth. For instance, in May 2023, PharmEnable announced it had closed a Pre-Series A investment round of USD 7.5 million to develop the next generation of small molecule drugs against disease areas of high clinical need. Further, market players are engaging in service expansion, and collaboration is likely to propel the growth of the market. For instance, in April 2023, Phlow, a CDMO, announced that it had sealed USD 36 million through a Series B capital raise. Phlow stated that it would use the capital to expand its commercial offerings, which includes growing its CDMO program, called 'cdmoX'. Additionally, in July 2022, Alliance Pharma, a company providing small and large-molecule bioanalytical services in the pharmaceutical and biopharmaceutical industry, closed the purchase of Drug Development Solutions (DDS) from LGC. Ampersand Capital Partners and KKR & Co. Inc.

Hence, increasing investment and strategic activities by the market players are expected to boost the market in the region between 2024 and 2029.

Small Molecules Innovator Contract Development And Manufacturing Organization Industry Overview

The small molecules innovator contract development and manufacturing organization market is fragmented in nature. In order to strengthen their position in the market, companies are implementing noteworthy strategies and measures to expand their industry presence. Some of the key market players are Eurofins Scientific, Cambrex Corporation, Catalent, Thermo Fisher Scientific Inc., and Jubilant Pharmova Limited.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

Contents

1 INTRODUCTION

- 1.1 Study Assumptions and Market Definitions
- 1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

- 4.1 Market Overview
- 4.2 Market Drivers
 - 4.2.1 Increasing Demand for Small Molecule Drugs and Growing Pipeline of Small Molecule Drugs
 - 4.2.2 Growing Burden of Chronic Diseases
 - 4.2.3 Increasing Pharmaceutical R&D Investments
- 4.3 Market Restraints
 - 4.3.1 Stringent Government Regulations
 - 4.3.2 Compliance Issues with Outsourcing
- 4.4 Porter's Five Forces Analysis
 - 4.4.1 Bargaining Power of Suppliers
 - 4.4.2 Bargaining Power of Buyers/Consumers
 - 4.4.3 Threat of New Entrants
 - 4.4.4 Threat of Substitute Products
 - 4.4.5 Intensity of Competitive Rivalry

5 MARKET SEGMENTATION (MARKET SIZE BY VALUE – USD)

- 5.1 By Product
 - 5.1.1 Small Molecule API
 - 5.1.2 Small Molecule Drug Product
 - 5.1.2.1 Oral solid dose
 - 5.1.2.2 Semi-Solid Dose
 - 5.1.2.3 Liquid Dose
 - 5.1.2.4 Others
- 5.2 By Stage

- 5.2.1 Preclinical
- 5.2.2 Clinical
 - 5.2.2.1 Phase I
 - 5.2.2.2 Phase II
 - 5.2.2.3 Phase III
 - 5.2.2.4 Phase IV
- 5.2.3 Commercial
- 5.3 By End User
 - 5.3.1 Pharmaceutical and Biotechnology
 - 5.3.2 Contract Research Organization
- 5.4 By Therapeutic Area
 - 5.4.1 Cardiovascular disease
 - 5.4.2 Oncology
 - 5.4.3 Respiratory disorders
 - 5.4.4 Neurology
 - 5.4.5 Metabolic disorders
 - 5.4.6 Infectious disease
 - 5.4.7 Others
- 5.5 Geography
 - 5.5.1 North America
 - 5.5.1.1 United States
 - 5.5.1.2 Canada
 - 5.5.1.3 Mexico
 - 5.5.2 Europe
 - 5.5.2.1 United Kingdom
 - 5.5.2.2 Germany
 - 5.5.2.3 France
 - 5.5.2.4 Spain
 - 5.5.2.5 Italy
 - 5.5.2.6 Rest of Europe
 - 5.5.3 Asia-Pacific
 - 5.5.3.1 India
 - 5.5.3.2 Japan
 - 5.5.3.3 China
 - 5.5.3.4 Australia
 - 5.5.3.5 South Korea
 - 5.5.3.6 Rest of Asia-Pacific
 - 5.5.4 Middle East and Africa
 - 5.5.4.1 GCC

5.5.4.2 South Africa

5.5.4.3 Rest of the Middle East and Africa

5.5.5 South America

5.5.5.1 Brazil

5.5.5.2 Argentina

5.5.5.3 Rest of South America

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 Eurofins Scientific

6.1.2 Cambrex Corporation

6.1.3 Catalent

6.1.4 Thermo Fisher Scientific Inc.

6.1.5 Jubilant Pharmova Limited

6.1.6 Lonza Group Ltd

6.1.7 Wuxi AppTec

6.1.8 Syngene International Limited

6.1.9 Almac Group

6.1.10 Piramal Pharma Solutions

6.1.11 Recipharm AB

6.1.12 Labcorp Drug Development

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

I would like to order

Product name: Small Molecules Innovator Contract Development And Manufacturing Organization - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

Product link: <https://marketpublishers.com/r/S4FEA0947825EN.html>

Price: US\$ 4,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S4FEA0947825EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

