

Live Biotherapeutic Products And Microbiome CDMO Market Size, Share & Trends Analysis Report By Application (C.Difficile, Crohns Disease, IBS, Diabetes, Others), By Region (MEA, Asia Pacific), And Segment Forecasts, 2024 - 2030

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Abstracts

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Live Biotherapeutic Products And Microbiome CDMO Market Growth & Trends

The global live biotherapeutic products and microbiome CDMO market size is expected to reach USD 358.07 million by 2030, expanding at a CAGR of 37.77 % from 2024 to 2030, according to a new report by Grand View Research, Inc. The market has been growing quickly in recent years, and this trend is anticipated to continue. The rising understanding of the potential advantages of live biotherapeutic products and microbiome-based therapeutics in treating various diseases, including inflammatory bowel disease, cancer, and neurological disorders, among patients and healthcare providers.

The need for CDMOs specializing in these fields is being driven by the expanding investment by pharmaceutical and biotech businesses in live biotherapeutic products and microbiome-based medicines, and this trend is anticipated to continue in the next ten years. Companies are looking for CDMOs with the skills required to develop and produce these products as the market for LBP and microbiome-based therapeutics grows. This has resulted in the growth of the global CDMO market, with significant expansion expected in the coming years.

Due to the increasing complexity of developing these therapies, outsourcing to CDMOs

is becoming an attractive option for pharmaceutical and biotech companies. For instance, in July 2023, Exeliom Biosciences, a clinical-stage biopharmaceutical company, announced a USD 26.30 million Series A funding to advance the clinical development of its therapeutic pipeline, which includes several clinical trials of EXL01. EXL01 is a novel immunotherapy with applications in infectious diseases and cancer.

Applications-based market segments have been created for live biotherapeutic products and microbiome-based therapeutics, with the *C. difficile* category currently dominating the market. Effective medicines are desperately required to tackle the major and expanding health issue of recurrent *C. difficile* infection. For instance, in October 2023, Ferring Pharmaceuticals announced two presentations at the American College of Gastroenterology's 2023 Annual Scientific Meeting for REBYOTA. It is the first single-dose microbiome-based treatment approved by the U.S. FDA to prevent recurrent *C. difficile* Infection (CDI) in adults aged 18 & above following antibiotic treatment for recurrent CDI. The market for live biotherapeutic products and microbiome-based medicines is anticipated to develop since there is an increasing need for effective treatments for *C. difficile* and other illnesses.

The COVID-19 pandemic has significantly impacted the market for live biotherapeutic products and microbiome contract development and manufacturing organizations (CDMOs). The disruption caused by the pandemic has led to delays in clinical trials, decreased demand for certain products, and supply chain disruptions. However, with the easing of pandemic-related restrictions and the increasing focus on healthcare, the market for LBPs and microbiome-based therapies is expected to rebound in the coming years. Companies in this space will need to adapt to new challenges and find innovative solutions to maintain growth in a post-pandemic world.

Live Biotherapeutic Products And Microbiome CDMO Market Report Highlights

C. difficile held the largest revenue share in 2023 owing to the increasing prevalence of *C. difficile* infections and the growing demand for effective treatments are propelling the growth of the live biotherapeutic products and microbiome contract development and manufacturing market

Many companies focus on developing and manufacturing products for treating *C. difficile* infections, driving the market's expansion

North America has dominated the market with the largest market share, primarily due to the presence of key players and increasing investments in

research and development activities in this region. The growing demand for effective treatments for various diseases, such as C.difficile, Crohn's disease, and IBS, has also contributed to the market growth in North America.

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