

Middle East & Africa Biopharmaceutical Contract Manufacturing Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product Type (Biologics and Biosimilar), Source (Microbial and Mammalian), Application (Commercial and Clinical), and Therapeutic Area (Oncology, Autoimmune Disorders, Respiratory Disorders, Metabolic Disorders, Neurology, Infectious Diseases, and Others)

<https://marketpublishers.com/r/M7EBB3556AACEN.html>

Date: March 2026

Pages: 168

Price: US\$ 3,450.00 (Single User License)

ID: M7EBB3556AACEN

Abstracts

The Middle East & Africa Biopharmaceutical Contract Manufacturing Market is poised for significant growth, with projections indicating an increase from US\$ 875.4 million in 2024 to US\$ 1,655.0 million by 2031. This growth trajectory reflects a compound annual growth rate (CAGR) of 9.3% from 2025 to 2031, driven by various factors including rising healthcare investments, an increasing prevalence of chronic diseases, and initiatives aimed at enhancing local pharmaceutical manufacturing capabilities.

The market is primarily segmented into key regions: the UAE, Saudi Arabia, South Africa, and the Rest of the Middle East & Africa (MEA). Among these, the UAE and Saudi Arabia are at the forefront, showcasing robust infrastructure development and attracting substantial foreign direct investment. South Africa is also making strides through public-private partnerships, such as its collaboration with Biovac, a local vaccine manufacturer, which aims to bolster domestic production capabilities.

A notable trend in the biopharmaceutical contract manufacturing sector is the growing demand for biologics and biosimilars. As regional pharmaceutical companies face

limitations in their in-house manufacturing capabilities, there is a marked shift towards outsourcing production to contract manufacturers. This outsourcing trend is further fueled by the increasing need for innovative therapies, including monoclonal antibodies, gene therapies, and cell-based treatments, which necessitate advanced manufacturing processes.

The market segmentation reveals that, by product type, biologics dominate the market share, while microbial sources lead in manufacturing capabilities. In terms of application, commercial manufacturing holds the largest share, and oncology is the leading therapeutic area, reflecting the high demand for cancer treatments.

To meet the rising demand for biopharmaceuticals, contract manufacturing organizations (CMOs) are increasingly adopting advanced technologies. Continuous manufacturing, for instance, is gaining traction as it allows for uninterrupted production of biologics, enhancing consistency, speed, and efficiency. This method significantly reduces downtime between production runs and minimizes the need for intermediate storage, leading to substantial cost savings. Reports suggest that continuous manufacturing can lower biological production costs by up to 30%. Major companies like Novartis and Pfizer are already implementing this technology to improve operational efficiency.

Automation is another critical advancement in the manufacturing process. By employing automated systems for tasks such as cell culture monitoring, chromatography, and aseptic filling, CMOs can accelerate production, reduce human error, and enhance quality control. Automation also aids in compliance with regulatory requirements by maintaining precise records and tracking each production stage. Samsung Biologics, for example, has heavily invested in automation to streamline its manufacturing processes and improve product quality, resulting in faster turnaround times for clients.

Artificial intelligence (AI) is also playing a transformative role in the biopharmaceutical manufacturing landscape. AI tools can analyze vast amounts of production data in real-time, enabling predictive maintenance and quality control. This technology helps CMOs identify potential issues before they escalate, ensuring optimal production conditions and minimizing downtime. Companies like Cognizant are leveraging AI to enhance decision-making and predict failures in manufacturing processes.

Moreover, the integration of process analytical technologies (PAT) allows for real-time monitoring and control of critical process parameters, ensuring consistent quality across large batches of biologics. By utilizing PAT, manufacturers can detect variations early in the production process and make necessary adjustments in real-time, leading to higher-quality products and more efficient resource utilization.

Geographically, South Africa is currently leading the market share in the region, driven by a growing demand for affordable biologics and government initiatives aimed at localizing pharmaceutical production. The partnership between the South African

government and Biovac exemplifies efforts to enhance domestic manufacturing capacity and reduce reliance on imports. Opportunities for growth in South Africa include expanding capabilities for biosimilar production and fostering collaborations with global biopharma firms looking to enter the African market. For instance, Moderna's plans to establish an mRNA manufacturing facility in Africa underscore the region's increasing importance in the global biopharmaceutical supply chain.

Key players in the Middle East & Africa Biopharmaceutical Contract Manufacturing Market include Boehringer Ingelheim International GmbH, Lonza Group AG, AbbVie Inc, Samsung Biologics Co., Ltd., WuXi Biologics Inc, Merck KGaA, Ajinomoto Co., Inc., Cytiva, and AGC Biologics AS. These companies are actively pursuing strategies such as expansion, product innovation, and mergers and acquisitions to enhance their market presence and deliver innovative solutions to their clients.

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