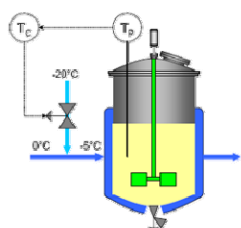


CBDMT® - MARKET AND BUSINESS INTELLIGENCE

Outsourcing in the pharmaceutical industry

With a global contract and manufacturing outsourcing (CMO) and contract research services (CRO) market up to \$30 USD billion, the outsourcing industry is growing at more than 10% per annum. The contract manufacturing sector is becoming increasingly important in the biopharmaceutical industry. Large companies are scaling back on production and focusing on core competencies, resulting of manufacturing activities. Biomanufacturing account for more than 10% of the CMO market. In an emerging business model, CMOs are engaged in both contract research and contract manufacturing. These dual models, which offer molecule synthesis from milligram to the multi-hundred-ton scale, are called Contract Research And Manufacturing Organizations (CRAMS).



outsourcing
Market
Drivers

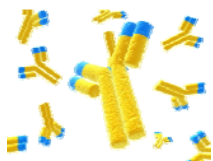
- Regulatory and financial pressures,
- Cost, lead time and resource savings,
- Expansion of biopharmaceutical markets,
- Restructuring of pharmaceutical production,
- Global shift of manufacturing activities from high-cost to low-cost regions.

CBDM.T® last focus:



Sourcing

DUE DILIGENCE	KEY FACTORS IN SELECTING AND MANAGING CMO
PRICING	SUPPLY CHAIN DEFINITION
SUPPLIERS MAPPING	INDIA AND CHINA EMERGING MARKETS



Biologics

CONTRACT BIOMANUFACTURING MARKET	EXPRESSION PLATFORMS
MARKET DRIVERS	WW PLAYERS
	MICROALGAE



CRO

OUTSOURCING BY PHASE	TRENDS	INDIA MARKET
MARKET OUTLOOK	US MARKET	CRO SERVICE MODELS
LEADING PLAYERS	EU MARKET	



CMO

BIOCATALYSIS PLAYERS	FINE CHEMICALS	PARTNERSHIP OPTIMIZATION
END MARKET ANALYSIS	BRAC OPPORTUNITIES	PRICING M&A

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