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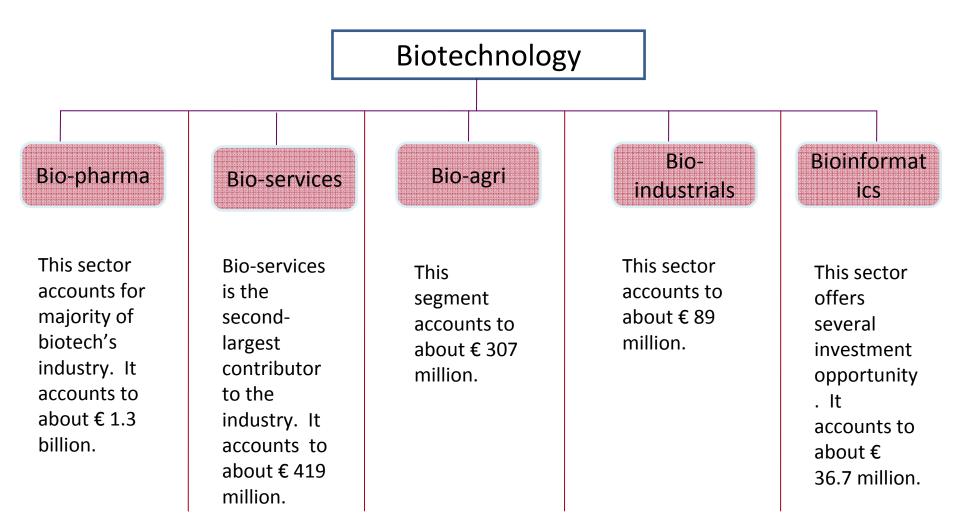


Current Scenario of Indian Biotechnology Sector





Market Segments







Key Players

- The leading ten companies (in terms of revenues) accounted for 39 per cent of the total industry revenues in 2008–09.
- MNCs such as Novo Nordisk and Novozymes feature among the leading 10 biotech companies.
- Of the top 20 companies, 19 of them generated revenues worth € 14.6 million in 2008–09.
- The leading 30 home-grown companies contributed revenues worth € 0.9 billion, accounting for 57 per cent of the total revenues of the industry in 2008–09.
- Serum Institute of India and Biocon are the two leading players in the industry.





Current Scenario of Indian Medical Technology





Market Segments

Pharmaceuticals

Contract research and manufacturing services (CRAMS)

India is a fast growing custom manufacturing and research outsourcing destination with a growth rate that is thrice the global market rate.

Formulations

prowess in formulations is validated by the fact that it manufactures 60,000 packs across 60 therapy areas.

Active pharmaceutical ingredients (APIs)

India is the third-largest player in the world with 500 different APIs.





Key Players

Company	No of Beds	Presence
Apollo Hospitals Enterprise Ltd	4356	Chennai, Madurai, Hyderabad, Karur, KarimNagar, Mysore, Visakhapatnam, Bilaspur, Aragonda, Kakinada, Bengaluru, Delhi, Noida, Kolkata, Ahmedabad
Aravind Eye Hospitals	3537	Theni, Tirunelveli, Coimbatore, Puducherry, Madurai, Amethi, Kolkata
CARE Hospitals	1666	Hyderabad, Vijaywada, Nagpur, Raipur, Bhubaneshwar, Surat, Pune, Visakhapatnam
Fortis Healthcare Limited	5044	Mumbai, Bengaluru, Kolkata, Mohali, Noida, Delhi, Amritsar, Raipur, Jaipur, Chennai, Kota
Max Hospitals	800	Delhi and NCR
ManipalGroup of Hospitals	+7000	Udupi, Bengaluru, Manipal, Attavar, Mangalore, Goa, Tumkur, Vijaywada, Kasargod, Visakhapatnam



Opportunities





Opportunities – Biopharma

- The growth in the biosimilars market is driven by an increasing use of biologics in disease areas such as cancer, autoimmune and orphan diseases and cost containment.
- Companies in this segment include Reliance Biopharma, Shantha Biotech, Panacea Biotec, Wockhardt, Dr Reddy's, Biocon, Intas Biopharmaceuticals and Avesthagen.
- Glenmark and Cipla are targeting new product launches in 2010.

Segment	Potential
Bio- pharmaceuticals	€ 1.45
Bio-services	€ 0.72





Opportunities —bio-similars

Increasing use of biologics in disease areas such as cancer, auto-immune and orphan diseases, in addition to healthcare cost containment, has driven the growth of bio-similars.

Companies in this space include

- Reliance Biopharma
- Shantha Biotech
- Panacea Biotec
- Wockhardt
- Dr Reddy's
- Biocon
- Intas Biopharmaceuticals and
- Avesthagen

Glenmark and Cipla are targeting new product launches in 2010.





Looking Ahead

- India is already being globally recognised as a manufacturer of economical, high-quality bulk drugs and formulations.
- With a huge base of talented, skilled and costcompetitive manpower, and a well-developed scientific infrastructure, India has great potential to become a leading global player in biotechnology.
- According to a report by PricewaterhouseCoopers (PwC) in April 2010, India will join the league of top 10 global pharmaceuticals markets in terms of sales by 2020 with the total value reaching €37.82 billion.



