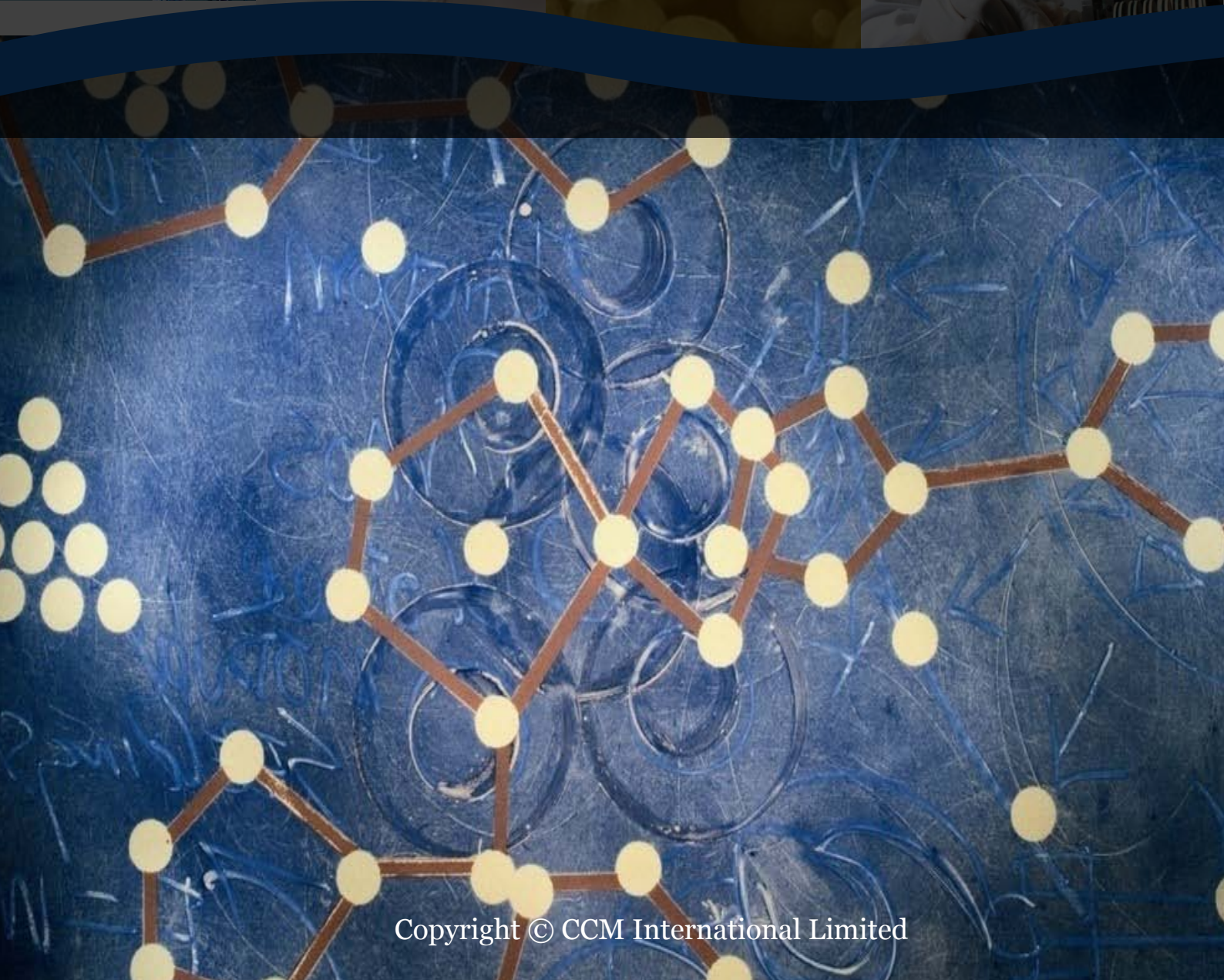




Biopharmaceuticals China News

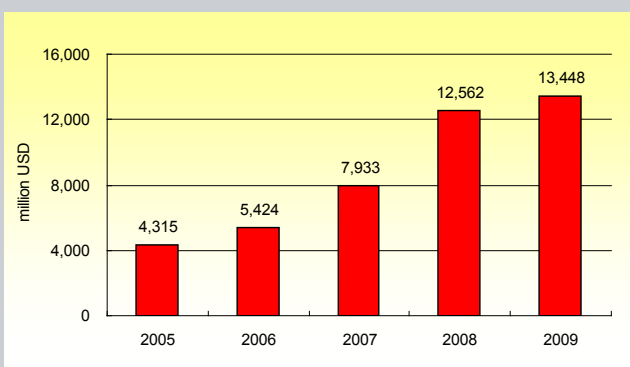


Overview

China's Biopharmaceuticals Industry developing rapidly

China's biopharmaceutical industry has been growing amazingly in the past few years. Though influenced by global economic crisis, China's biopharmaceutical output value in 2009 reached USD13, 448 million, up 211.65% compared with that of 2005. (FIGURE 1)

FIGURE1: Biopharmaceutical output value in China, 2005~2009



Source: CCM International

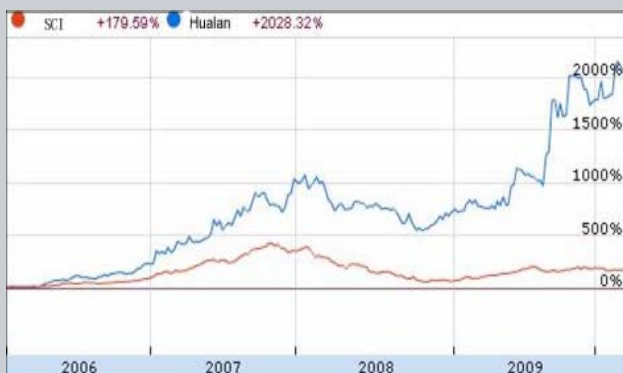
Thanks to a series of Chinese government's preferential policies such as *Implementation Opinion on Setting up the National Basic Drug System* and *Catalog of National Basic Drugs* to speed up bio-industry development in 2009, biopharmaceutical industry has seen remarkable growth.

On Jan.21st, 2009, China State Council approved *Guidelines on Deepening the Reform of Health-care System* and *Implementation Plan of Deepening the Reform of Health-care System during 2009~2011*. According these two documents, Chinese government will invest USD124.42 billion in basic medical insurance in next three years. On May 13th, 2009, China State Council released policies to promote bio-industry development, which mainly focus on the biopharmaceutical industry. That's why Chinese government invested USD 4.80 billion in 2009 and will invest USD4.39 billion in 2010, both used mainly for research and development (R&D) of new drugs, drugs for acquired immune deficiency syndrome (AIDS), viral hepatitis, etc. Meanwhile, biopharmaceutical companies engaged in R&D of new technologies, new processes and new drugs will get 50 % deduction of R&D tax expense.

Under such a favorable industry environment, both domestic and foreign biopharmaceutical enterprises have achieved amazing performances in China's market.

Hualan Biological Engineering Ltd. (Hualan, 002007), the largest blood product and vaccine producer in China with 1,500t/a plasma processing capacity and 29.74 million vaccine doses, achieved skyrocketing operating revenue and net profits in 2009, respectively up 160.33% and 229.40% compared with that of 2008, mainly thanks to rising blood product price as well as growing demand for vaccine in China. Novartis Pharmacy Ltd., a global well-known innovative healthcare products company, also witnessed fast operating revenue growth in China: 32.6% in 2009, mainly benefiting from its substantial of investments increase in China's biopharmaceutical industry. 'From 2004 to 2009, Novartis totally invested USD5.86 billion in China, with average annual investment growth of 76%. Novartis remains optimistic about the prospect of China's biopharmaceutical industry, largely because Chinese government has pledged to increase expenditure in healthcare field with annual medical health investment accounting for 6%~7% of its GDP,' said Mr. Vasella, CEO of Novartis in Nov. 2009.

FIGURE 2: Hualan's stock performance compared with SCI, Jan.2006~Apr.2010



Source: Google Finance
The comparison between Hualan's stock performance and Shanghai Composite Index (SCI) is strong evidence of Hualan's excellent performance.

In 2009, China's foreign trade of biopharmaceutical industry soared. According to statistics from China Chamber of Commerce of Medicines & Health Products Importers & Exporters, total trade value reached USD 887 million, with import value of USD 800 million and export value 87 million, up 43.35% and 53.16% respectively compared with 2008.



Faced with such a fast-growing market, our newsletter will assist you in exploiting this huge market, better know Chinese government's latest policies on biopharmaceutical industry, keep track of your competitors' activities, or find cooperative opportunities in China.

Main contents

1. Investment focus

Report the latest investment dynamics in China's biopharmaceutical industry, including company expansion/merger, new projects, company business transfer, governmental encouragement on investment, key area for investment, etc.

- Report new investments in biopharmaceutical market and their current progress.
- Discover driving forces and figure out company strategies through viewpoints of companies, government and investors.
- Figure out impacts of various investments in biopharmaceutical industry and investment trends.

2. Governmental policies

Exclusively analyse the impact of government policies on China's biopharmaceutical industry, including why and how?

- Report the latest policy influencing Chinese biopharmaceutical industry.
- Introduce government, companies, associations and experts' viewpoints of policies.
- Figure out policies' impact on companies and companies' strategies to cope with policies.
- Evaluate advantages and disadvantages of foreign investment in developing Chinese biopharmaceutical market.

3. Market dynamics

Cover updated market information of China's biopharmaceutical industry, such as supply, demand, import, export, price, market trend, etc.

- Report important news in biopharmaceutical industry.
- Figure out the background/story/reason behind the news.
- Provide intelligence on China's current market situation to facilitate your investment in China.

4. Technology & New products

Follow up biopharmaceutical breakthroughs and new products in China, including new technology, utilization situation, market demand, etc.

- Introduce new technology progress or products in biopharmaceutical industry.
- Find out the advantages and disadvantage of biopharmaceutical products over traditional ones.
- Report impacts on biopharmaceutical market, including supply and demand, resource utilization, etc.
- Figure out company strategies on application or utilization of the technology/new product.

What is the scope?

- Gene recombinant drugs, including erythropoietin (EPO), insulin, granulocyte colony stimulating factor (G-CSF), growth hormone, interferon, coagulation factor, etc.
- Blood products, including serum albumin, coagulation factor, immunoglobulin, etc.
- Vaccines including preventive hepatitis B vaccination, influenza vaccine, rabies vaccine, Human Immunodeficiency Virus (HIV) vaccine, etc.
- Diagnostic reagents, including biochemical diagnostic reagent, immunodiagnostic reagent, molecular diagnostic reagent, etc.
- Antibiotic drugs, such as penicillin, penicillin, quinolones, macrolides, etc.
- Other red biotechnology based drugs, including monoclonal antibody, tumour necrosis factor, therapeutic enzymes, etc.



Who need it?

• Biopharmaceutical enterprises

Targeting Chinese biopharmaceutical market, R&D and application or keeping track of competitor's activities in China.

• Research institutes

Trying to transfer advanced biopharmaceutical technologies to China or to get informed of the latest biopharmaceutical technology dynamics in China

• Bio-product producers/traders

Looking for Chinese partners and planning to invest in China or to export high quality bio-products to China

• Analysts and consultants

Trying to gain insight into China's fast growing biopharmaceutical market

• Equipment suppliers

Targeting China's high quality production, processing machines and lines as well as quality control systems

• Venture capital investors

Seeking for opportunities to cooperate with Chinese companies in biopharmaceutical industry

Why to subscribe?

- To know government supervisory policies of biopharmaceutical industry.
- To find out how Chinese biopharmaceutical market will grow next and how your business can be involved.
- To identify new business opportunities in China-where should you invest and when is the best time?
- To gain latest import&export information of Chinese biopharmaceutical products.
- To keep track of your competitors' action.
- To analyze the impacts of guidelines and legislations on China's biopharmaceutical industry.

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