

# **China's Pharmaceutical Industry: Evolution, Policies and Frontiers**

Dr. CHEN Jian

Chinese Academy of Science and Technology for Development

The pharmaceutical industry is a key and strategic emerging industry related to economic development, people's livelihood, and national security. China is one of the countries with the earliest origins of medical culture, who created numerous medical miracles in the past over 5000 years. However, in the field of modern biomedicine, China started relatively late and fell far behind the developed countries for a long time. Supported by a series of policies, China began its exploration of modern biopharmaceutical production technology system 40 years ago and has gradually developed from a manufacturing hub to a key R&D player in the global pharmaceutical market. This report will focus on the evolution, policies and frontiers of China's pharmaceutical industry. In the first part, I will review the development process and current situation of China's pharmaceutical industry. In the second part, I will summarize China's policies in the fields of pharmaceutical research and development, production, distribution, and biosafety. In the third part, I will look forward to the frontiers and trends of China's pharmaceutical industry from the aspects of future technology, innovation priorities, AI applications, and international cooperation.