

## Abstracts

The importance and the present status of TCM chemical standard in China were briefly reviewed. Standard is an essential factor in the quality control of Traditional Chinese Medicine (TCM). The research and application of standard gives an important meaning to the promotion of Chinese herbal medicine quality control, the assurance of the drugs quality, and the safety and efficacy of public drug use. the current supply of TCM chemical standard is extremely limited in China. Chemical standard that is provided by National Institution of the Control of Pharmaceutical and Biological Products (NICPBP) is no more than 400 types, and the quality of the standards await to be raised. This seriously hinders the development of the quality control technique of TCM.

In order to improve the quality and quantity of TCM chemical standards, industrialization of TCM chemical standards is necessary. In addition, the strategies for development of industrialization on Chinese medicine chemical standards are proposed based the perspectives of macroeconomics and microeconomics : To strengthen the research on TCM chemical standards and establishment of chemical standards database ; To establish a foundation to manage funding for supporting research on preparation and commercialization of chemical standards ; To pay attention to technical personnel , technological innovation, techno-economics ; To establish patents share union on chemical standards, and to study how to protect intelligent property right during the R&D of TCM standard in the international cooperation.

The new strategies are a) the market-oriented supply and demand system of chemical reference compounds for Chinese medicine is trend, and it should be improved using various methods. b) To consider either Hong Kong or Macau as the leading city on the industrialization of TCM chemical standards.

[Keywords] TCM chemical standard, industrialization, strategy