

## **Prof. Guoan LUO**

### **Education & Experience**

- 1964-1969 Department of Biochemical Engineering at the East China University of Science and Technology, Shanghai, Bachelor
- 1969-1979 Institute of pharmaceuticals of Anhui Province
- 1979-1982 Department of Chemistry at East China University of Science and Technology, Master.
- 1982-1990 Department of Analytical Chemistry at China Pharmaceutical University in Nanjing, Associate professor and deputy director
- 1990-1994 Penn. State University, Visiting Professor and Research Associate later.
- 1994-now Tsinghua University, Professor
- 1994-1998 visiting professor in Hongkong University, Hongkong Science & Technology University and Hongkong Baptist University.



### **Current Position**

Director of Modern Research Center of Traditional Chinese Medicine, Tsinghua University  
Deputy Director of the Analysis Center in Tsinghua University  
Director of the Network Center (Ministry of Education) for Collaborative Study of TCM Modernization  
TCM officer of Health Department of Hong Kong China

### **Academic concurrent post**

Associate Editor-in-chief of the Pharmacopoeia of P.R.China (Eng.)  
Member of State Pharmacopoeia Commission of China  
Member of National New Drug Approval Council of China |  
Member of National Health Foods Approval Council of China  
Chairman, Chinese Biopharmaceutical Technology Association  
Administrative Director, committee of Biochip, China Medicinal Biotech Association  
Vice-president of the China Analytical Instrument Society  
Administrative Director, Chinese Academy of Chromatography  
Member of Methods Committee of Dietary Supplements of AOAC International (2003-2006)  
Associate Editor-in-chief of Chinese Traditional Patent Medicine  
Member of Editor board of *Biochip Journal*, *Journal of Acta Pharmaceutica Sinica*, *Chinese Journal of New Drugs*, *World Science and Technology-Traditional Chinese Medicine Modernization*, *Traditional Chinese Drug Research & Clinical Pharmacology*, *Pharmaceutical Journal of Chinese People's Liberation Army*, *Chinese Journal of Natural Medicine*, *Journal of Analytical Science*, *Journal of Analytical Instruments*, *Chinese Journal of Chromatography*, and *Journal of Tsinghua University Science and Technology*, *Journal of China Pharmaceutical University*.

Research Interest and achievements

His research interests are now focused on modern research on the Traditional Chinese Medicine as well as study of bio-analytical chemistry.

Prof. Luo has been experiencing in the research and development of new Chinese Medicinal Drugs and Traditional Chinese Medicines (TCM) for a long time. After returning from U.S., he participated in preparing the program of the Modernization of TCM organized by the Chinese Ministry of Science & Technology. Prof. Luo firstly proposed the concepts of its effective part of TCM prescriptions and also developed methodologies for the study of the relationship between chemistry of effective parts and activities, proposed the chemical fingerprint and functional fingerprint for the quality assessment of herbs or TCM preparations, quality control of TCM manufacture, and R&D of new TCM drug. In recent years, Prof. Luo has devoted him into the modern research of TCM based on the introduce of systems biology and also proposed the Integrative systems biology via the integration of chemomics and current systems biology. Prof. Luo has a publication list of more than 500 peer-reviewed papers, application of 30 patents and obtained over 10 National or provincial awards for his achievements in science and technology.