

CURRICULUM VITAE of Dr. HAN QUANBIN (simonhan@hkbu.edu.hk)

Academic qualifications:

- 1992.9-1996.7 B. Med Henan University of Chinese Medicine, China
1997.9-2000.7 M. Med. Henan University of Chinese Medicine, China
2000.9-2003.7 Ph.D. State Key Lab of Phytochemistry and natural resources of West China,
Kunming Institute of Botany, Chinese Academy of Science

Professional Chronology:

- 2004 -2009 Scientist Hong Kong Jockey Club Institute of Chinese Medicine
2009-2011 Research Assistant Professor Institute of Chinese Medicine, The Chinese University
of Hong Kong
2011-present Assistant Professor School of Chinese Medicine, Hong Kong Baptist University

Previous relevant research work:

- Technical expertise Phytochemistry, Quality Control of natural medicines
Research area Natural product chemistry; quality control methodology, HSCCC's application
in drug discovery

Publication Records: 4 patents; 100+ SCI Papers;

Ten Representative publications in the past ten years

1. **Quan-Bin Han**, Hong-Xi Xu, Caged Garcinia Xanthones, development since 1937, *Current Medicinal Chemistry*, 2009, 16, 3775-3796.
2. Han-Dong Sun, Sheng-Xiong Huang, and **Quan-Bin Han**, Diterpenoids from *Isodon* species and their biological activities, *Natural Products Report*, 2006, 23, 673-698.
3. Jun-Yi Yin, ..., **Quan-Bin Han***, A new application of an aqueous diphasic solvent system in one-step preparation of polysaccharide from the crude water extract of *Radix Astragali* by high-speed counter-current chromatography, *Journal of Chromatography A*, 2012, 1262, 92-97.
4. Lin Li, ..., **Quan-Bin Han*** and Po Sing Leung*, Eriocalyxin B induces apoptosis and cell cycle arrest in pancreatic adenocarcinoma cells through caspase- and p53-dependent pathways, *Toxicology & Applied Pharmacology*, 2012, 262, 80-90.
5. Xian-Jun Yu, **Quan-bing Han***, Zhe-Sheng Wen, Liang Ma, Jin Gao Guang-Biao Zhou*, Gambogic acid induces G1 arrest via GSK3 β -dependent Cyclin D1 degradation and triggers autophagy in lung cancer cells, *Cancer Letters*, 2012, 322, 185-194.

6. Jun-Yi Yin, ..., **Quan-Bin Han***, Separation, structure characterization, conformation and immunomodulating effect of a hyperbranched heteroglycan from Radix Astragali, *Carbohydrate Polymer*, 2012, 87, 667-75.
7. **Quan-Bin Han**, Jing Zheng Song, Chun Feng Qiao, Lina Wong, Hong Xi Xu, Preparative separation of gambogic acid and its C-2 epimer using recycling high-speed counter-current chromatography, *Journal of Chromatography A*, 2006, 1127, 298-301.
8. Jun-Yi Yin, ...**Quan-Bin Han***, Separation, structure characterization, conformation and immunomodulating effect of a hyperbranched heteroglycan from Radix Astragali, *Carbohydrate Polymer*, 2012, 87, 667-75.
9. Ben Chung Lap Chan, ..., **Quan-Bin Han***, Discovery of kuraridin, a nontoxic anti-bacterial agent against methicillin-resistant *Staphylococcus aureus* (MRSA), from *Sophora flavescens* by bioassay guided fractionation using high-speed counter-current chromatography, *Journal of Chromatography B*, 2012, 880, 157-62.
10. **Quan-Bin Han**, ..., Han-Dong Sun, Hong-Xi Xu, Maoecrystal Z, a Cytotoxic Diterpene from *Isodon eriocalyx* with an Unique Skeleton, *Organic Letters*, 2006, 8, 4727-4730.