

UK - CGCM

Chairman – Professor Ian Sutherland

Co-Chair – Professor Tai-Ping Fan

Co-chair – Dr Jin Xu

UKCGCM

- 1) Nottingham University
- 2) Oxford University
- 3) Cambridge University
- 4) Brunel University London
- 5) Bradford University
- 6) Royal Botanic Gardens, Kew
- 7) Wolverhampton University
- 8) UCL School of Pharmacy
- 9) Centre for Natural Medicines Research, King's College London
- 10) Good Practice in TCMs in the post genomics era (GP-TCM)
- 11) The University of West London

Mission & Goals of UKCGCM

- To advance the field of Chinese herbal medicine to benefit human kind through **joint efforts of the academic institutions, industries and regulatory agencies throughout the UK.**
- To develop **platform technologies** required for advancing Chinese herbal medicine by joint efforts.
- To facilitate the interaction and collaboration among different institutes in advancing Chinese herbal medicine by **sharing information.**
- To promote a **high quality evidence-based research** and develop Chinese herbal medicine internationally.
- To assist industry with the development of **new products and their regulatory acceptance**

Brunel University London Report

- Brunel's Advanced Bioprocessing Centre is the lead global centre on the extraction and scale-up of active compounds from natural products and Chinese Herbal Medicines (CHMs)
- Professor Ian Sutherland appointed Guest Professor at Sichuan University's Key State Laboratory for Biotherapy and Cancer (KSLBC)
- The KSLBC has just received CFDA approval for Phase 1 clinical trials of their anti cancer drug Honokiol, which is manufactured using Brunel's liquid-liquid extraction technology
- Brunel's technology is being taken on by The National Agency of Drug and Food Control of the Republic of Indonesia for producing reference materials in house for quality control purposes

University of Cambridge 2015-2016

- **Tai-Ping Fan** (tpf1000@cam.ac.uk)
 - President-elect of GP-TCM Research Association
 - Editor-in-Chief of GP-TCM RA Newsletter
- Invited by AAAS *Science* to edit a 80-page Special Supplement ***The Art and Science of Traditional Medicine*** (co-editors: Josephine Briggs, Bethesda; Jan van der Greef, Leiden; Liang Liu, Macau; Aiping Lu, Hong Kong/Beijing; Anlong Xu, Beijing)
 - Part 1: TCM Today - A Case for Integration (Dec. 2014)
 - Part 2: Multidisciplinary Approaches for Studying Traditional Medicine (Jan. 2015)
 - Part 3: The Global Impact of Traditional Medicine (Nov. 2015)
- July 2015: presented a talk "Health and Healing Through Evidence-based Applications of Traditional Medicine" at United Nations Headquarters in New York
- June 2016: invited to attend the 2nd Health Ministers Meeting between China and Central & Eastern European Countries in Suzhou, China
- Signed two MoUs of international collaboration on TCM with University Hospitals in Hradec Králové and Motol, the Czech Republic, Shanghai University of TCM Shuguang Hospital, Nanjing University Drum Tower Hospital and the scientific platform of Aequa Sciences



King's Centre for Integrative Chinese Medicine



- **Co-Directors:**
 - Prof. Peter Hylands (peter.2.hylands@kcl.ac.uk): Treasurer, GP-TCM Research Association
 - Dr. Qihe Xu (qihe.xu@kcl.ac.uk): Co-Editor, the GP-TCM RA Newsletter.
- **Funding:**
 - *Fundraising priority* offered by King's since August 2016.
 - *Pyrrrolizidine alkaloid-induced liver fibrosis: modelling and therapeutic intervention*. The General Research Fund, Hong Kong. 2016-2019. **PI: Prof. Lin Ge, Co-I: Xu Q.**
 - *Partnership Fund*, King's College London, 2016. PI: Xu Q.
- **Four TCM-focused publications:**
 - The Hylands laboratory
 - *Assessment of Polygonum capitatum Buch.-Ham. ex D.Don by metabolomics based on gas chromatography with mass spectrometry*. J Sep Sci. 2016;39:1979-86.
 - *Metabolomic quality control of commercial Asian ginseng, and cultivated and wild American ginseng using (1)H NMR and multi-step PCA*. J Pharm Biomed Anal. 2015;114:113-20
 - The Xu laboratory
 - *Herbal medicines for acute kidney injury: Evidence, gaps and frontiers..* World Journal of Traditional Chinese Medicine. 2015;1:47-66.
 - *Berberine inhibits fibrogenesis in a rat model of liver fibrosis and in hepatic stellate cells*. eCAM. 2016;2016:8762345.
- **In collaboration with Dr Yibin Feng, HKU, co-edited an eCAM special issue** *New exploration of Chinese herbal medicines in hepatology*. eCAM. 2016;2016:3056438.