

Advances in Angiogenesis Research – a Chinese Medicine Perspective

Professor FAN Tai Ping

Department of Pharmacology
University of Cambridge

DATE	:	18 December 2013, Wednesday
TIME	:	14:00 – 15:30
VENUE	:	SCM809
LANGUAGE	:	English
FACILITATOR	:	Prof. Aiping LU, Dean of SCM

Speaker's Bio



Capitalizing on his experience in the pharmacology of chronic inflammation, Tai-Ping Fan embarked on a quest to transform the art of TCM into a rigorous evidence-based science of healthcare and wellness. With an interdisciplinary approach, he and his collaborators have investigated the cellular and molecular mechanisms of angiogenesis. From clinically effective herbs, they are using 'omics to discover and optimize active compounds for the prevention and treatment of diseases where there is excessive (e.g. cancer, atherosclerosis) or inadequate angiogenesis (e.g. myocardial infarct, chronic wound). In addition to being the Founding Editor-in-Chief of *ANGIOGENESIS* (1997-2004),

Dr Fan also co-edited *The New Angiotherapy* (2002). He sits on the Chinese Ministry of Science & Technology Expert Committee on TCM, and is a founding member of Section of Phyto-pharmaceuticals, European Federation of Biotechnology, Vice Chairman of UK Chapter of Consortium for Globalization of Chinese Medicine, and Deputy Coordinator of a European Coordination Action funded under the 7th Framework Programme - Good Practice in TCM Research in the Post-genomic Era (GP-TCM). The overall aim of the project was to inform best practices and harmonize research of the safety and efficacy of TCM in EU Member States using a functional genomics approach through exchange of opinions, experience and expertise among scientists in EU Member States and China. Specifically, he led a work package on the global regulation of botanical drugs and herbal products, aiming to provide solutions for developing Chinese herbal medicines that meet the market-entry standard. As Secretary-General of the GP-TCM Research Association (<http://www.gp-tcm.org>), he has been commissioned by AAAS *Science Journal* to lead an international team to produce a 60-page TCM Special Issue in Q4 of 2014. With TCM as a platform, this unique collection of reviews and perspectives will focus on recent advances in the standardization, safety, R&D and regulation of materia medica used in traditional medicine of different ethnic origins, as well as TCM theories, diagnosis and acupuncture.

****Welcome****