

CURRICULUM VITAE

PERSONAL PARTICULARS

Tong Yao (童瑤)
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ACADEMIC QUALIFICATIONS

1991 PhD, Shanghai University of TCM
1988 MM, Shanghai University of TCM
1975 BM, Shanghai University of TCM

POSITIONS HELD

Jan 2004 – Present	Chair Professor and Director, School of Chinese Medicine, The University of Hong Kong, Honorary Professor, Shanghai University of TCM
Nov 1998 - Dec 2003	Professor, Vice-President, Shanghai University of TCM; Vice-President, Shanghai Academy of TCM
May 1995 - Nov 1998	Dean, Faculty of Medical Sciences, Shanghai University of TCM
May 1992 - May 1998	Associate Professor, Shanghai University of TCM
May 1986 - May 1992	Lectuer, Shanghai University of TCM
Aug 1975 - May 1986	Assistant Professor, Shanghai University of TCM

TEACHING EXPERIENCE

35 years' teaching in the Shanghai University of TCM and University of Hong Kong.
The courses have been taught:
Fundamental Theory of TCM (BChinMed)
Diagnoses of TCM (BChinMed)
Selected Case Study in Chinese Medicine (MChinMed)
General Knowledge and Methods on TCM (Broadening Course)
Thoughts and Methods on TCM research (MChinMed)
Introduction of Fundamental Theory of TCM and Gynecology of TCM (HA Certificate Programme for Western Medicinal doctors)
Human physiology in TCM (MBBS)
Idea and Practice of Healing in Traditional China (Common Core Course, will launch 2012)

CLINICAL EXPERIENCE

Clinical specializing in Internal Medicine and Gynecology of TCM. I had 2 sessions a week for clinical service and research in the Shanghai Longhua hospital and Shuguang hospital in 1975-2003, and have clinical service and research in the clinical center of teaching and research of school of Chinese Medicine, HKU Since 2004.

RESEARCH INTEREST

1. Study on the development of educational model of Chinese Medicine.
2. Literature study on comparison of Chinese Medicine with Western Medicine.
3. Clinical trial and Mechanism research on treatment of menopausal syndrome in TCM therapy.
4. Clinical trial and Mechanism research on treatment of cancer in TCM therapy.

SUPERVISOR OF RESEARCH STUDENTS

Primary Supervised (In Shanghai TCMU)

PDF 2 completed; PhD 4 graduated; Mphil 5 graduated

Primary Supervised (in HKU)

RAP 1 ongoing; PDF 2 graduated, 2 ongoing; PhD 1 graduated, 1 ongoing ; MPhil 3 graduated, 2 ongoing

Co-Supervisor for training PhD and MPhil (in HKU)

MPhil 3 on going; PhD 2 awarded, 6 ongoing

EDITORSHIP OF JOURNALS

Editor, Editorial Board of Chinese Journal of New Drugs and Clinical Remedies 2004-

Editor, Editorial Board of Chinese Medicine Journal 2007-

Editor, Editorial Board of China Annual of Chinese Medicine 1998-

Editor, Editorial Board of Journal of Chinese Integrative Medicine 2009-

JOURNAL REVIEWER

As reviewer for international journals, such as American Journal of Biotechnology; Analytical Letters; Hong Kong dental journal; Chinese Medicine Journal; Liver International; Journal of Pharmacy and Pharmacology; Chinese journal of New Drugs and Clinical Remedies

HONOURS AND PRIZES

1. Included in the exclusive directory distinguishes 2009-2010 Edition of Who's Who in Medicine and Healthcare.
2. "Advanced Worker in Teaching and Training Talents in the Science Base" awarded by the State Fund for Natural Sciences in 2002. (國家自然基理科基礎人才教育與培養優秀工作者)
3. The Second Prize of "Teaching Achievements" awarded by the National Education Ministry in 2001. (國家教育部教學成果二等獎)
4. The First Prize of "Teaching Achievements" awarded by Shanghai Education Committee in 2001. (上海市教委教育成果一等獎)
5. "Outstanding Woman Worker in Shanghai Municipal Higher Educational System" in 1994. (上海市女能手)
6. "National Excellent Teacher for International Education in the Traditional Chinese Medical Colleges" in 1994. (中醫院校國際對外教育優秀工作者)

RESEARCH FUNDING AND CONTRACT RESEARCH AWARDS

Principal Investigator:

Awarded 20 grants (6 on going; 14 completed)

Co-investigator:

Awarded 19 grants (9 ongoing, 10 completed)

PUBLICATIONS (2006.6–2010.6) (*CORRESPONDING AUTHOR)

1. Q Liu, **Y Tong***, SCW Sze, WK Liu, L Lam, ESM Chu, CMN Yow. Tianxian Liquid (TXL) induces apoptosis in HT-29 colon cancer cell in vitro and inhibits tumor growth in vivo. Chinese Medicines. (Accepted on Jun, 2010)
2. Sze SCW, **Tong Y***, Hu YM, Wong KL, Liu WK, Ng TB, Wong JH, Cheung HP, Yow CMN, Liu Q, Chu ESM, Liu D, Tsang KW, Lee WS. (2010) Regulation of p21, MMP-1 and MDR-1 expression in Human colon carcinoma HT29 by Tian Xian Liquid, a Chinese Medicine Formula, in vitro and in vivo. Integrative Cancer Therapies. (Accepted on Jun, 2010)
3. Sze SCW, **Tong Y***, Zhang YB, Zhong LLD, Lau ASL, Yow CMN, Lai YM, Ng TB. (2009) The Use of a Noninvasive and Nondestructive Method, Microcomputed Tomography, to Evaluate the Anti-Osteoporotic Activity of Erxian Decoction, a Chinese Medicinal Formula, in a Rat Model of Menopausal Osteoporosis. IEEE PUBLICATION: Biomedical Engineering and Informatics, BMEI 2009, vol 1, 47-49.
4. Hu YM, Su GH, Sze SCW, Ye WC, **Tong Y***. Quality assessment of *Cortex Phellodendri* by high-performance liquid chromatography coupled with electrospray ionization mass spectrometry,

- Biomedical Chromatography, (2010)24(4), 438-453.
5. YM Hu, YT Wang, SCW Sze, KW Tsang, Q Liu, LD Zhong, **Y Tong***. Identification of the major chemical constituents and their metabolites in rat plasma and various organs after oral administration of effective EXD fraction by liquid chromatography-mass spectrometry. *Biomedical Chromatography* 2010;24:479-489
 6. Y M Hu, SCW Sze, SX Zhao, **Y Tong***. Use of HPLC Fingerprinting to Evaluate the Quality of Erxian Decoction. *Chromatographia* 70 (2009), 613-618.
 7. YM Hu, SCW Sze, XQ Zhang, **Y Tong***. Simultaneous analysis of lipid-soluble constituents of Erxian Decoction by using gas chromatography and mass spectrometry. *Chromatographia*. 2009, 29th, July (Accepted)
 8. Lin X, Sze CW, **Tong Y**, Zhang Z, Feng Y, Chen JP, Ng TB, Lin X, Shaw PC, Zhang Y. Protective Effect of *Dendrobium officinale* Polysaccharides on Experimental Sjogren's Syndrome. *Journal of Complementary and Integrative Medicine* 2010, 7(1): DOI: 10.2202/1553-3840.1342 .
 9. Song JX, Li Y, Ge J, Duan Y, Sze SCW, **Tong Y**, Shaw PC, Ng TB, Tsui KC, Zhuo Y, Zhang KYB*. (2010) Protective effect of bilberry (*Vaccinium myrtillus L.*) extracts on cultured human corneal limbal epithelial cells (HCLEC). *Phytotherapy Research*. 24(4):520-524.
 10. Feng Y, Kwok-Fan Cheung, Ning Wang, Ping Liu, Tadashi Nagamatsu, **Yao Tong***. Chinese Medicines As a Resource For Liver Fibrosis Treatment. *Chinese Medicine* 2009, 4:16
 11. Tsang CM+, Lau Echo PW+, Di K, Cheung PY, Hau PM, Ching YP, Wong YW, Cheung Annie LM, Wan Thomas SK, **Tong Y**, Tsao SW* and Feng Y*. Berberine inhibits RhoGTPases and cell migration at low doses but induces G2 arrest and apoptosis at high doses in human cancer cells. *International Journal of Molecular Medicine*. 2009; 24:131-13
 12. Ye XS, Feng Y*, **Tong Y**, Ng KM, Tsao SW, Lau George KK, Sze CW, Zhang YB, Tang J, Shen JG, Kobayashi S. Hepatoprotective effects of *Coptidis Rhizoma* aqueous extract on carbon tetrachloride-induced acute liver hepatotoxicity in rats. *Journal of Ethnopharmacology*. 2009; 124:130–136.
 13. ZHANG Zhang-jin, **TONG Yao***, ZOU Jun, CHEN Pei-jie, and YU Ding-hai. Dietary Supplement with a Combination of *Rhodiola Crenulata* and *Ginkgo Biloba* Enhances Endurance Performance in Healthy Volunteers, *Chin J Integr Med*, 2009 Jun;15(3) 177–183
 14. QLIU, Wings TY LOO, SCW SZE, **Y TONG***. Curcumin inhibits cell proliferation of MDA-MB-231 and BT-483 breast cancer cells through down-regulation of NFκB, cyclinD/CDK4 and MMP-1 transcription. *International Journal of Phytotherapy and Phytomedicine* 2009 Oct;16(10):916-922.
 15. Feng Y*, Siu K, Wang N, Ng KM, Tsao SW, Nagamatsu T, **Tong Y**. Bear bile: dilemma of traditional medicinal use and animal protection. *Journal of Ethnobiology and Ethnomedicine*. 2009, 5:2 (1-9)
 16. SCW SZE, **Y TONG***, YB ZHANG, ZJ ZHANG, ASL LAU, HK WONG, KW TSANG, TB NG.. A Novel Mechanism: Erxian Decoction, a Chinese Medicine Formula, for Relieving Menopausal Syndrome. *Journal of Ethnopharmacology*. 123 (2009) 27–33
 17. HX Li, **Y Tong***, SCW Sze, TB Ng. Production of Th1- and Th2-dependent Cytokines Induced by the Chinese Medicine Herb, *Rhodiola algida*, on Human Peripheral Blood Monocytes. *Journal of Ethnopharmacology* 123 (2009) 257–266
 18. K.F. Cheung, D.W. Ye, Z.F Yang, L. Lu, C.H. Liu, X.L. Wang, R.T.P. Poon, **Y. Tong**, P. Liu, Y.C. Chen, George K.K. Lau,* Therapeutic Efficacy of Traditional Chinese Medicine 319 Recipe on Hepatic Fibrosis Induced by Carbon Tetrachloride in Rats”, *Journal of Ethnopharmacology* · 2009, 124: 142-150.
 19. Tang J, Feng Y*, **Tong Y**, Yap M, Man YK*. A distinct new microscopic feature for identification of the crude drug of *Radix Angelicae Pubescentis*. *Journal of Chinese Medicinal Materials*. 2008, 31(12):1796-1802.
 20. Shuhai Lin, Dongmei Wang, Depo Yang, Junhua Jin, **Yao Tong**, Jianping Chen*. Characterization of steroidal saponins in crude extract from *Dioscorea nipponica* Makino by liquid chromatography tandem multi-stage mass spectrometry, *Analytica Chimica Acta*, 2007, 599: 98-106
 21. Sze SCW, Zhang YB, Shaw PC, But PPH, Ng TB, **Tong Y***. A DNA Microarray for Identification of Fengdou Shihu (*Dendrobium Officinale*) by 5S Ribosomal DNA Intergenic Spacer Region. *Biotechnology and Applied Biochemistry*, 2008, 49: 149-154.
 22. H.Y. Chen, William C.S. Cho, S.C.W. Sze, and **Y. Tong***, Treatment of menopausal symptoms with Er-xian decoction: a systematic review. *America Journal of Chinese Medicine*, 2008, Vol. 36, No. 2, 233-244.
 23. Stephen Cho-Wing Sze, Juxian Song, Raymond Chuen-Chung Chang, Kalin Yanbo Zhang, Ricky N.S. Wong, **Yao Tong**. Research Advances on the Anti-aging Profile of *Fructus lycii*: an Ancient. *Journal of*

- Complementary and Integrative Medicine, 2008, Vol. 5, Iss. 1, 5(1) 1-17.
24. Jun Shi, **Yao Tong***, Jian-Gang Shen, Hai-Xia Li, Effectiveness and safety of herbal medicines in treatment of irritable bowel syndrome: A systematic review, *World Journal of Gastroenterol*, 2008, ISSN, 14(3): 454-462.
 25. Yuan HN, Wang CY, Sze CW, **Tong Y**, Tan QR, Feng XJ, Jiu RM, Zhang JZ, Zhang YB, Zhang ZJ*. A Randomized Crossover Comparison of Herbal Medicine and Bromocriptine against Risperidone-Induced Hyperprolactinemia in Patients with Schizophrenia. *J Clinical Psychopharmacol*, 2008; 28:264-370.
 26. Zhang ZJ*, Tan QR, Kang WH, Li Q, **Tong Y**, Post RM. The effectiveness of carbamazepine in unipolar depression: a double-blind, randomized, placebo-controlled study. *J Affective Disorders*, 2008;109:91-97.
 27. Tang J, Feng Y, **Tong Y***, Jia RR, SY LK, Man RK*. Identification of mucilage cavity as a significant microscopic characteristic existing in phloem instead of pith of Radix et Rhizoma Rhei. *Wuhan University Journal of Natural Sciences* 2008, 13(2): 239-246.
 28. Zhang ZJ*, **Tong Y**, Wang XY, Yao SM, Jin GX. Huperzine A as add-on therapy in patients with treatment-resistant schizophrenia: an open-labeled trial. *Schizophr Res*, 2007; 92:273-275.
 29. Tan QR, Wang XZ, Wang CY, Liu XJ, Chen Y, Wang HH, Zhang RG, Zhen XC, **Tong Y**, Zhang ZJ*. Differential effects of atypical and classical antipsychotics in protecting against neurotoxicity induced by rotenone in PC12 cells. *European Neuropsychopharmacol*, 2007 Dec;17(12):768-73.
 30. Sze SCW, Song JX, Wong RNS, Feng YB, Ng TB, **Tong Y***, Kalin Zhang YB*. Application of Sequence Characterized Amplified Region (SCAR) Analysis to authenticate *Lycium barbarum* and its Adulterants. *Biotechnology and Applied Biochemistry*, 2008, 51(Pt 1):15-21
 31. Zhang YB, Pang CS, Sze CW, Wang ZT, **Tong Y*** Molecular Authentication of Chinese Herbal Materials. *Journal of Food and Drug Analysis*, 2007, 15(1):1-9.
 32. John M. Luk*, Xiaoling Wang, Ping Liu, Kwong-Fai Wong, Kwong-Leung Chan, **Yao Tong**, Chi-Kin Hui, George K. Lau and Sheung-Tat Fan. Traditional Chinese Herbal medicines for treatment of liver fibrosis and cancer: From laboratory discovery to clinical evaluation *Liver International*, ISSN 1478-3223, 2007.
 33. Shen JG, Ma S, Chan CP, Lee W., Fung PC, Cheung RTF, **Tong Y**, Liu KJ. Nitric oxide down-regulates caveolin-1 expression in rat brains during focal cerebral ischemia and reperfusion. *Journal of Neurochemistry*, 2006, 96(4); 1078-1089.
 34. Shen JG, Liu SM, Miyake M, Liu WL, Pritchard A, Kao JP, Rosen GM, Timmins GS, **Tong Y**, Liu KJ. Use of 3-acetoxymethoxycarbonyl-2,2,5,5-tetramethyl- 1- Pyrrolidinyloxyl as an EPR oximetry probe for measurement of tissue oxygenation in mouse brain. *Magnetic Resonance in Medicine*, 2006, 55(6):1433-1440.
 35. **童瑤**, 陳海勇 中醫臨牀研究的現狀與展望, *中醫藥實證醫學雜誌*, 2009, 2(1): 22-30
 36. 馮奕斌, **童瑤** 從中藥現代研究看中醫學的基本特點, *香港中醫雜誌*, 2008, 3(1): 17-21.
 37. 陳海勇, **童瑤** 仲景運用細辛規律研究, *上海中醫藥大學學報*, 2007, 21(3): 12-14.
 38. 馮奕斌*, 葉星沈, **童瑤** 建立香港中藥不良反應監測系統和發揮中醫藥在香港藥物濫用防治中的作用, *中國藥物濫用雜誌*, 2007, 13(4):220-223.
 39. 馮奕斌*, **童瑤**, 劉蘋回 中藥複方研究之探討. *香港中醫雜誌*, 2006, 1(2): 64-67.
 40. 張豔波, 施祖榮, 賀慶, 王崢濤, **童瑤*** 高效液相色譜法測定中藥複方二仙湯中三種生物鹼的含量, *中藥材*, 2006, 29(8): 859-860.

BOOKS (chief editor and editor)

1. 中西醫五臟比較研究, 商務印書館 2009年9月第一版(主編)
2. Zhang ZJ, Tan QR, Zhen XC, **Tong Y**. The potential benefits of herbal medicines for schizophrenia: from empirical observations to clinical trials (chapter 16). In: Hertzman M & Adler L (ed): *Clinical Trials in Psychopharmacology*. Wiley-Blackwell, UK, 311-335, 2010.
3. 普通高等教育“十一·五”國家級規劃教材《中醫基礎理論》(新二版)配套教學用書《中醫基礎理論習題集》[M]北京.中國中醫藥出版社, 2007.5月出版。(副主編, 撰寫第一章)
4. 普通高等教育“十一·五”國家級規劃教材《中醫基礎理論》(新二版)[M]北京.中國中醫藥出版社, 2007年1月出版。(副主編, 撰寫第三章, Page 99-128, 150-153)

5. 高等中醫藥學院校教學參考叢書·中醫基礎理論(修訂版)[M].北京.人民衛生出版社,2006年1月.第2版.(主編,制定編寫大綱和統稿,撰寫緒論,Page 1-14;第四章,Page 220-260)
6. 普通高等院校十五國家級規劃教材·中醫基礎理論(七年制用)[M]北京.中國中醫藥出版社,2004年8月.出版.(副主編,協助主編制定編寫大綱和統稿,撰寫第二章,Page 47-63)
7. 中醫古籍珍稀抄本精選十二,上海科學技術出版社,2004年3月第一版(點校“大醫馬氏小兒脈珍科”,Page1-67)
8. 普通高等教育十五國家級規劃教材配套教學用書·中醫基礎理論習題[M]北京.中國中醫藥出版社,2003年7月第1版.(副主編,協助主編制定編寫大綱和統稿,撰寫第一章,Page 35-59)
9. 中醫藥科學研究思路與方法[M].上海.上海中醫藥大學出版社,2003年10月第1版(主編,制定編寫大綱和統稿,撰寫第六章第一節,Page 111-123)
10. 中國醫籍大辭典編委會·中國醫籍大辭典[M]·上海·上海科學技術出版社,2002年8月第1版(編者,主持與撰寫“基礎理論分科”條目)
11. 普通高等教育十五國家級規劃教材·中醫基礎理論[M].北京.中國中醫藥出版社 2002年6月第1版(副主編,協助主編制定編寫大綱和統稿,撰寫第二章,Page 67-97, 120-123)
12. 中醫藥常用名詞術語辭典[M].北京.中國中醫藥出版社,2001年9月第1版(編者,撰寫中醫基礎條目約600條)
13. 中醫藥學高級叢書·中醫基礎理論[M].北京.人民衛生出版社,2001年5月第1版.(副主編,協助主編制定編寫大綱和統稿,撰寫緒論,Page 1-38; Liver and Kidney in 第三章,Page 202-223; 第四章,Page 624-650)
14. 實驗中醫學(面向21世紀課程教材)[M].上海.上海科技出版社,2000年4月第1版.(副主編,協助主編制定編寫大綱,撰寫第二章,Page 9-28)
15. 丁甘仁臨證醫集[M].上海.上海中醫藥大學出版社,2000年1月第1版.(副主編,協助主編制定編寫大綱和全書統稿)
16. 高等中醫藥類規劃教材教與學參考叢書·中醫基礎理論[M].北京.中國中醫藥出版社,1999年11月第1版.(主編,制定編寫大綱和統稿,撰寫緒論 Page 1-30;第三章第一節 Page 184-233)
17. 新編醫古文學習輔導[M].上海.上海中醫藥大學出版社,1999年4月第1版(副主編,撰寫附錄“中醫名詞術語條目”,Page 210-261)
18. 高等中醫藥類規劃教參學習指導叢書·中醫基礎理論[M].上海.上海科技出版社,1998年6月第1版.(編者,撰寫“臟象章”,Page 42-46)
19. 國家中醫藥管理局科技教育司.全國執業中藥師資格考試應試指南·綜合知識與技能(上)[M].北京.中國中醫藥出版社,1997年5月第1版.(編者,撰寫中醫基礎知識章,Page 1-31)
20. 現代中醫藥應用與研究大系·醫經[M].上海.上海中醫藥大學出版社,1995年10月第1版.(編者,撰寫第一章,Page 18-35;第五章,Page 75-90;第七章,Page 124-136)
21. 實用中醫肝病學[M].上海.上海中醫藥大學出版社,1992年12月第1版.(編者,撰寫基礎篇,Page 1-104)

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