



CURRICULUM VITAE

Prof BIAN Zhaoxiang

EDUCATION

1994: PhD in Integrative Chinese and Western Medicine

Guangzhou University of Traditional Chinese Medicine, P. R. CHINA

1991: MPhil in Chinese Medicine

Beijing University of Traditional Chinese Medicine, P. R. CHINA

1988: Bachelor in Chinese Medicine

Nanjing University of Traditional Chinese Medicine, P. R. CHINA

POSITIONS HELD (*Tenured in 2006*)

Sep 2014 to Present: *Director*

Hong Kong Chinese Medicine Clinical Study Centre

Hong Kong Baptist University

July 2014 to Present: *Chair Professor*

Clinical Division

School of Chinese Medicine, Hong Kong Baptist University

Feb 2013 to Present: *Honorary Professor*

Shanghai University of Traditional Chinese Medicine, China

Jan 2013 to Present: *Honorary Professor*

Guangzhou University of Traditional Chinese medicine, China

Nov 2012 to Present: *Associate Vice-President*

Hong Kong Baptist University, Hong Kong

Feb 2012 to Present: *Honorary Professor*

Chinese Academy of Chinese medical Science, China

July 2011 to Jan 2012: *Acting Dean*

School of Chinese Medicine

Hong Kong Baptist University, Hong Kong

May 2011 to Present: *Associate Director*

Institute of Creativity

Hong Kong Baptist University, Hong Kong

Sept 2010 to Present: *Honorary Professor*

Tianjin University of Traditional Chinese Medicine, China

Sept 2010 to June 2014: *Professor and Director*

Clinical Division

School of Chinese Medicine, Hong Kong Baptist University, Hong Kong

Sept 2005 to Aug 2010: *Associate Professor & Director*

Clinical Division, School of Chinese Medicine,
Hong Kong Baptist University, Hong Kong

May 2001 to Aug 2005: *Assistant Professor & Director*

Clinical Division, School of Chinese Medicine,
Hong Kong Baptist University, Hong Kong

ACADEMIC AWARDS AND HONORS

1. *Science and Technology Award (1st Class)*, China Association for Traditional Chinese Medicine, P. R. China, 2013
2. *Research Award (2nd Class)*, 4th internal conference of integrated digestive disease, World Association of Chinese Medicine, 2013
3. *Top Ten Research Papers*, China Medicinal Plants Association, 2012
4. *Long Service Award*, Hong Kong Baptist University, 2011
5. *President's Award for Outstanding Performance*, Hong Kong Baptist University, 2005
6. *National Science and Technology Advancement Award (2nd Class)*, State Ministry of Science and Technology, P. R. China, 2002
7. *Award in Teaching Competition (1st class)*, Guangzhou University of Traditional Chinese Medicine, Guangzhou, P. R. China, 1998
8. *Yearly Excellent Research Paper*. Guangzhou University of Traditional Chinese Medicine, Guangzhou, P. R. China, 1995

RESEARCH INTERESTS

1. Basic mechanism of stress-related diseases, including gastrointestinal disorder, depression, osteoporosis and cancer, etc..
2. Pharmacological effect of Chinese medicine formulas and their active compounds for chronic diseases, mainly for irritable bowel syndrome, colorectal cancer and inflammation bowel disease, etc..
3. Clinical trial design and implementation with Chinese medicine
4. New drug development

PATENTS

1. Chinese Medicine Compositions and the Extraction for Gastrointestinal Disorders and Their Applications.
Granted HK1118014 (09 July 2010), HKSAR
2. Chinese Medicine Compositions and the Extraction for Gastrointestinal Disorders and Their

Applications.

Granted CN 200610146331.1 (09 Nov 2006), China

3. Bioactive Fractions and Compounds from Polygonum chinense, their Use in Anti-diarrhea and the Method of Preparation.

US publication no US2013/0344174A1 (26 Dec 2013), USA

4. A Fish Feed Containing Traditional Chinese Herbs for the Prevention of Enteritis in Grass Carps.

Publication CN 201110039816.1 (22 Aug 2012), China

5. A Fish Feed Containing Traditional Chinese Herbs for the Prevention of Enteritis in Grass Carps.

Publication HK 1146782 (08 July 2011), HKSAR

6. Compounds, Methods of Preparation and Use thereof for Treating Cancer.

US publication no US2013-0210906 A1 (15 Aug 2013), USA

7. Bioactive fractions and compounds from Polygonum genus, their use in anti-diarrhea and the method of preparation.

CN 201310240061.0 (17 Jun 2013), China

8. Method of Using Rhein for Treating Fibrotic Conditions and Tumors.

CN 201310217865.9 (03 Jun 2013), China

9. A Chinese Medicinal Formulation for Treating Inflammatory Bowel Disease and the Preparation Thereof.

US non-provisional 14/029,963 (18 Sep 2013), USA

10. Method of Using Rhein for Treating or Preventing Sonic Hedgehog Signaling -Related Disease or Disorder.

US non-provisional 13/962,977 (09 Aug 2013), USA

11. Use of a Flavanol Glycoside for Suppressing Activation of Stellate Cells.

US non-provisional 13/899,713 (22 May 2013), USA

12. Method of Using Rhein for Treating Fibrotic Conditions and Tumors.

US non-provisional 13/831,990 (15 Mar 2013), USA

13. Method for Preventing or Treating Enterochromaffin Cell Typerplasia-related Diseases by

Quercetin Administration.

US non-provisional 13/767,865 (14 Feb 2013), USA

14. 14 The Usage of 1,3,5,7-tetrahydroxy-8-isoprenylxanthone, a Natural Compound from *Garcinia esculenta* Y. H. Li, as Anti-inflammation Drugs.
US non-provisional 14/150,726 (08 Jan 2014), USA
15. The Usage of Treating Inflammation and Cancer of Natural Compound Garcimultiflorone E from *Garcinia esculenta* Y. H. Li.
US non-provisional 14/149,820 (08 Jan 2014), USA
16. 16 The Usage of Oblongifolin C, A Natural Compound From *Garcinia yunnanensis* Hu, on Treating High Metastatic Cancer.
US non-provisional 14/151,792 (09 Jan 2014), USA
17. Polyisoprenylated Benzoylphloroglucinols with anticancer activity.
US non-provisional 14/151,791 (09 Jan 2014), USA
18. Polyisoprenylated Tetracyclic Xanthone with anticancer activity.
US non-provisional 14/149,819 (08 Jan 2014), USA
19. Usage of Sodium Houttuynonate on inhibiting Idiopathic Pulmonary Fibrosis and Bleomycin Induced Pulmonary Fibrosis.
US non-provisional 14/149,823 (08 Jan 2014), USA
20. Usage of Guttiferone K, a Natural Compound from *Garcinia Yunnanensis* Hu on Treating High Metastatic Esophageal Cancer.
US non-provisional 14/149,821 (08 Jan 2014), USA
21. Asymmetric Synthesis of Norcantharidin Analogues by Alkynylation of Oxabenzonorbornadienes and Their Anticancer.
US non-provisional 13/729,479 (28 Dec 2012), USA
22. Novel Compound from Rhein, Its Use in Anti-fibrotic for Cerulein-Induced Chronic Pancreatitis and the Method of Preparation.
US provisional 61/655,472 (04 Jun 2012), USA
23. A Natural Compound for treating cervical cancer.
US provisional 61/861,497 (02 Aug 2013), USA

24. The use of Guttiferone F, a natural compound from *Garcinia Esculenta*, in treating human prostate cancer.

US provisional 61/847,748 (18 July 2013), USA

25. Treatment with quercetin and morin attenuates vascular inflammation, oxidative stress and improves glucose intolerance in chemical-induced menopause mice.

US provisional 61/778,662 (13 Mar 2013), USA

PRODUCT

A new Chinese medicine formulation drug for irritable bowel syndrome. Under review in CFDA, Mainland China and Hong Kong SAR.

REVIEWER, EDITOR AND EDITORIAL BOARD MEMBER OF JOURNALS

2013---Associate Editor, BMC Complementary and Alternative Medicine

2013---Associate Editor, Trials

2013---Member, Editorial Board, International Journal of Cancer Research & Diagnosis

2013---Member, Editorial Board of Gastroenterology and Hepatology Research

2012---Member, Editorial Board, Journal of gastroenterology and Hepatology

2011---Member, Editorial Board, World Journal of Gastroenterology and Pathophysiology

2010---Member, Editorial Board, Acta Pharmacologica Sinica,

2010---Member, Editorial Board, World Journal of Gastrointestinal Pharmacology and Therapeutics

2010---Member, Editorial Board, Chinese Journal of Behavioral Medicine and Brain Science

2010---Member, Editorial Department of Medical Journal of Chinese People's Liberation Army

2010---Member, World Journal of Gastroenterology (2010-2013)

2009---Member, Editorial Board, Journal of Complementary and Integrative Medicine, Canada

2007---Member, Editorial Board, Journal of Review of Chinese Medicine, P. R. China

Member, Editorial Board, Chinese Medicine, Macau, P. R. China

2006---Member, Editorial Board, Journal of Chinese Integrative Medicine, P. R. China

2004---Member, Editorial Board, Chinese Journal of Evidence-Based Medicine, P. R. China

Manuscript Review for the following journals:

1. Acta Pharmacologica Sinica
2. African Journal of Pharmacy and Pharmacology
3. Alternative Therapies in Health and Medicine
4. BMC-series journals
5. BMJ
6. BMJ Open
7. British Journal of Clinical Pharmacology
8. Chinese Journal of Evidence-based medicine,
9. Chinese Journal of integrative medicine
10. Chinese Medicine

11. Complementary Therapies in Medicine
12. Contemporary Clinical Trials
13. Evidence-based Complementary and Alternative Medicine
14. European Journal of Pain
15. European Journal of Complementary and Alternative Medicine
16. European Journal of Medicinal Plants
17. European Academy of Dermatology and Venereology
18. Food& Function
19. Global Advances in Health and Medicine
20. Gut
21. Hepatobiliary & Pancreatic Diseases
22. International Journal of Developmental Neuroscience
23. International Journal of Immunopathology and Pharmacology
24. Inflammatory Bowel Disease
25. Journal of Acupuncture and Meridian Studies
26. Journal of Cellular and Molecular Medicine
27. Journal of Ethnopharmacology
28. Journal of integrative Chinese and western medicine
29. Journal of Medicinal Plants Research
30. Journal of Translational Medicine
31. Lancet
32. Molecules
33. Neurogastroenterology and Motility
34. Neuropharmacology
35. Neurosciences
36. Neuroscience Letters
37. Nutrition Journal
38. Planta medica
39. Plos One
40. Pharmacological Report
41. Pharmacological Research
42. Regulatory Peptide
43. Scientific Reports
44. Systematic Review
45. The American Journal of Chinese Medicine
46. The Cochrane Library
47. The Complementary and Alternative Medicine
48. The Journal of Alternative and Complementary Medicine
49. The Journal of Pain
50. The Journal of Nutrition, Health and Aging-JNHA

51. The Open Pain Journal
52. Trials
53. World Journal of Gastroenterology
54. World Journal of Gastroenterology and Pathophysiology

PUBLICATIONS AND OTHER SCHOLARLY ACTIVITIES (*as Corresponding author)

1. Lin CY, Zhang M, Huang T, Yang LL, Fu HB, Zhao L, Zhong LD, Mu HX, Shi XK, Leung FP, Fan BM, Jiang M, Lu AP, Zhu LX, **Bian ZX***. Spexin Enhances Bowel Movement through Activating L-type Voltage-dependent Calcium Channel via galanin receptor 2 in mice. *Scientific Reports*, Accepted. 2015.06.
2. Song TJ, Leng HF, Zhong LD, Wu TX, Moher D, **Bian ZX***. CONSORT in China: A decade development and future direction. *Trials*. 2015 ; 16(1):243.
3. Tsang SW, Zhang H, Lin Z, Mu H, **Bian ZX***. Anti-fibrotic effect of trans-resveratrol on pancreatic stellate cells. *Biomed Pharmacother*. 2015;71: 91-7.
4. Shi NN, Zhong LD, Han XJ, Ziea Eric, Ng Bacon, **Bian ZX**, and Lu AP*. (Co-first author) Enhanced Evidence-Based Chinese Medicine Clinical Practice Guidelines in Hong Kong: A Study Protocol for Three Common Diseases. *Evid Based Complement Alternat Med*. 2015;2015:482706.
5. Xiao HT, Zhong LD, Lin ZS, **Bian ZX***. Traditional Chinese Medicine Formulas for Irritable Bowel Syndrome: from ancient wisdoms to scientific understandings. *Am J Chin Med*. 2015;43(1):1-23.
6. Tsang SW, Ip SP, Wu JC, Ng SC, Yung KK, **Bian ZX***. A Chinese medicinal formulation ameliorates dextran sulfate sodium-induced experimental colitis by suppressing the activity of nuclear factor-kappaB signaling. *J Ethnopharmacol*. 2015;13;162:20-30.
7. **Bian ZX*** Xu H, Lu AP, Lee MS, Cheung CW. Insights of Traditional Chinese Medicine syndrome study: From current status to future prospects, *J Integrative Medicine*. 2014;20(5):326-31.
8. Qin HY, Cheng CW, Tong XD, **Bian ZX***. Impact of psychological stress on irritable bowel syndrome *World J Gastroentero*. 2014;20(39):14126-31.
9. Lam KH*, Lee KKH, Gambari R, Kok SHL, Kok TW, Chan ASC, **Bian ZX**, Wong WY, Wong RSM, Lau FY, Tong SW, Chan KW, Cheng CH, Chui CH* and Tang JCO*. Anti-tumour and pharmacokinetics study of 2-Formyl-8-hydroxy-quinolinium chloride as Galipea longiflora alkaloid analogue. *Phytomedicine*, 2014;21(6):877-82
10. Lam PL, Kok SHL, **Bian ZX**, Lam KH, Tang JCO, Lee KKH*, Gambari R* and Chui CH*. D-glucose as a modifying agent in gelatin/collagen matrix and reservoir nanoparticles for *Calendula officinalis* delivery. *Colloids and Surfaces B: Biointerfaces*, 2014; 117:277-83.
11. Lam KH, Gambari R, Lee KKH, Chen YX, Kok SHL, Wong RSM, Lau FY, Cheng CH, Wong WY, **Bian ZX**, Chan ASC, Tang JCO and Chui CH. Preparation of 8-hydroxyquinoline derivatives as potential antibiotics against *Staphylococcus aureus*. *Bioorg Med Chem Lett.*, 2014;

January; 24(1): 367-370.

12. Du B, **Bian ZX**, Xu BJ. Skin health promotion effects of natural beta-glucan derived from cereals and microorganisms: A review. *Phytother Res.*, 2014, 28: 159-166.
13. Zheng W, Wang H, Zhang L, **Bian ZX**, Shang HC, Target disease-guided placebo-controlled (TIGER) design: a novel method for clinical trials of acupuncture. *Trials*, 2013, 14:359.
14. Xiao HT, Lin CY, Ho D, Peng J, Chen Y, Tsang SW, Wong M, Zhang M, Zhang XJ, **Bian ZX***, Inhibitory Effect of Corilagin, a Natural Gallotannin, on Dextran Sulfate Sodium-Induced Murine Ulcerative Colitis. *J Nat Prod.*, 2013 Nov 22; 76(11): 2120-2125. doi: 10.1021/np4006772. Epub 2013 Nov 7.
15. **Bian ZX**, Complementary and Alternative Medicine for Diseases and Disorders in Digestive Tract: Basic to Clinics. *Evid Based Complement Alternat Med.*, vol. 2013, Article ID 565279, 2 pages, 2013. doi:10.1155/2013/565279.
16. Zhong LLD, Cheng CW, Chan YW, Chan KH, Lam TW, Chen XR, Wong CT, Wu JCY, **Bian ZX***. Chinese Herbal Medicine (MaZiRenWan) for Functional Constipation: Study Protocol for a Prospective, Double-blinded, Double-dummy, Randomized Controlled Trial. *Trials*, 2013 Nov 4;14:366. doi: 10.1186/1745-6215-14-366.
17. Tsang SW, Zhang HJ, Lin CY, Xiao HT, Wong M, Shang HC , Yang ZJ, Lu AP, Yung KKL, **Bian ZX***. Rhein, a natural anthraquinone derivative, attenuates the activation of pancreatic stellate cells and ameliorates pancreatic fibrosis in mice with chronic pancreatitis. *Plos One*, 2013 Dec 3;8(12):e82201. doi: 10.1371/journal.pone.0082201. eCollection 2013
18. Lu A, Bensoussan A, Liu J, **Bian ZX**, Cho WC. TCM Zheng Classification and Clinical Trials. *Evid Based Complement Alternat Med.*, 2013; 2013:723659. doi: 10.1155/2013/723659. Epub 2013 Aug 22.
19. Xiao HT, Tsang SW, Qin HY, Franky F.K. Choi, Yang ZY, Han QB, Chen HB, Xu HX, Sheng H, Lu AP, **Bian ZX***. A bioactivity guided study on the anti-diarrheal activity of *Polygonum chinense* Linn. *J Ethnopharmacol.*, 2013;149(2):499-505.
20. Zhang M, Zang KH, Luo JL, Leung FP, Huang Y, Lin CY, **Bian ZX**, Yang ZJ, Lu AP, Tang XD, Xu HX, Sung JJY. Magnolol inhibits colonic motility through down-regulation of voltage-sensitive L-type Ca²⁺ channels of colonic smooth muscle cells in rats. *Phytomedicine*, 2013;20(14):1272-9.
21. Zhou WJ, Song JZ, Fu WW, Tan HS, **Bian ZX**, Xu HX. Chemical comparison of two dosage forms of Hemp Seed Pills by UHPLC-Q-ToF-MS/MS and multivariate statistical techniques. *J Pharm Biomed Anal.*, 2013 Jun 3; 84C: 59-68.
22. Zhong LL, **Bian ZX**, Gu JH, Zhou X, Tian Y, Mao JC, Chen XJ. Chinese Herbal Medicine (Zi Shen Qing) for Mild-to-Moderate Systemic Lupus Erythematosus: A Pilot Prospective, Single-Blinded, Randomized Controlled Study. *Evid Based Complement Alternat Med.*, 2013; 2013:327245.
23. Cheng CW, Fu SF, Zhou QH, Wu TX, Shang HC, Tang XD, Liu ZS, Liu J, Lin ZX, Lao L, Lü AP, Zhang BL, Liu BY, **Bian ZX***. Extending the CONSORT Statement to moxibustion. *J Integr Med.*, 2013, 11(1): 54-63.

24. Du B, **Bian ZX**, Xu B. Skin Health Promotion Effects of Natural Beta-Glucan Derived from Cereals and Microorganisms: A Review. *Phytother Res.*, 2013 Mar 11. doi: 10.1002/ptr.4963.
25. Wang XG, Guo BS, Li Q, Peng J, Yang ZJ, Wang AY, Li D, Hou ZB, Lv K, Kan GH, Cao HQ, Wu H, Song JP, Pan XH, Sun Q, Ling SK, Li YH, Zhu M, Zhang PF, Peng SL, Xie XQ, Tang T, Hong A, **Bian ZX**, Bai YQ, Lu AP, Li YH, He FC, Zhang G, Li YX. miR-214 targets ATF4 to inhibit bone formation. *Nat Med.*, 2013, Jan, 19(1): 93-100.
26. Cheng CW, Kwok AOL, **Bian ZX**, Tse DMW. A Cross Sectional Study of Constipation and Laxatives Use in Advanced Cancer Patients: Insights for Revision of Current Practice. *Support care Cancer*, 2013, Jan, 21(1): 149-56. Epub 2012 Jun.
27. Lu AP, **Bian ZX**, Chen KJ. Bridging the traditional Chinese medicine pattern classification and biomedical disease diagnosis with systems biology. *Chin J Integr Med.*, 2012, 18(12): 883-90. Epub 2012 Dec 13.
28. Li J, Lu C, Jiang M, Niu XY, Guo HT, Li L, **Bian ZX**, Lin N, Lu AP. Traditional Chinese medicine-based network pharmacology could lead to new multicomponent drug discovery. *Evid Based Complement Alternat Med.*, 2012; 2012: 149762. doi: 10.1155/2012/149762. Epub 2012 Dec 17.
29. Cheng CW, Kwok AOL, **Bian ZX***, Tse DMW. The Quintessence of Traditional Chinese Medicine: Syndrome and Its Distribution among Advanced Cancer Patients with Constipation. *Evid Based Complement Alternat Med.*, 2012; 2012: 739642. Epub 2012 Jun 24.
30. Zhu GY, Wong BCK, Wong I, **Bian ZX**, Fong WF, Yang ZJ. Alkylphenols from the roots of *Ardisia brevicaulis* induce cell cycle arrest and apoptosis through endoplasmic reticulum stress pathway in human non-small-cell lung cancer cells. *Chem Pharm Bull (Tokyo)*, 2012, 60(8): 1029-36.
31. **Bian ZX***. Novel insights about the mechanism of visceral hypersensitivity in maternally separated rats. *Neurogastroent & Motil.*, 2012; 2012 Jul, 24(7): 593-6.
32. Liao W, Wei H, Wang XY, Qiu YP, Gou XJ, Zhang XL, Zhou MM, Wu JB, Wu T, Kou F, Zhang YY, **Bian ZX**, Xie GX, Jia W. Metabonomic Variations Associated with AOM-induced Precancerous Colorectal Lesions and Resveratrol Treatment. *J Proteome Res.*, 2012, 11 (6): 3436–3448.
33. Zhang XJ, Choi FFK, Yan Z, Leung FP, Tan S, Lin SH, Xu HX, Jia W, Sung JJY, Cai ZW, **Bian ZX***. Metabolite profiling of plasma and urine from rats with TNBS-induced acute colitis using UPLC-ESI-QTOF-MS-based metabonomics. *FEBS J.*, 2012, 279: 2322–2331.
34. Qin HY, Xiao HT, Leung FP, Wu JCY, Sung JJY, Xu HX, Tong XD, **Bian ZX***. JCM-16021, a Chinese herbal formula, attenuated visceral hyperalgesia in TNBS-induced post-inflammatory irritable bowel syndrome rats through reducing colonic EC cell hyperplasia and serotonin availability. *Evid.-based Complement Altern. Med.*, 2012; 2012: 239638. Epub 2012 Jun 10.
35. Cheng CW, Kwok AOL, **Bian ZX***, Tse DMW*. The Quintessence of Traditional Chinese Medicine: Syndrome and Its Distribution among Advanced Cancer Patients with Constipation, *Evid.-based Complement Altern. Med.*, 2012; 2012: 739642. Epub 2012 Jun 24.
36. Zhang XJ, Leung FP, Hsiao WWL, Tan S, Li S, Xu HX, Sung JJY, **Bian ZX***. Proteome

- profiling of spinal cord and DRG in rats with TNBS-induced colitis. *World J Gastroenterol.*, 2012 Jun 21, 18(23): 2914-28.
37. Qin HY, Xiao HT, WU JCY, Berman BM, Sung JJ, **Bian ZX***. Key factors in developing TNBS-induced Post-inflammatory Irritable Bowel Syndrome Model in Rats. *World J Gastroenterol.*, 2012 May 28,18(20): 2481-92.
 38. **Bian ZX***; Chen SL*, Chung CW, Wang J, Xiao HT, Qin HY. Developing new drugs from annals of Chinese medicine. *Acta Pharmaceutica Sinica B.*, 2012 Feb 25, 2(1): 1-7.
 39. Tian XY, Wong WT, Sayed N, Luo J, Tsang SY, **Bian ZX**, Lu Y, Cheang WS, Yao X, Chen ZY, Huang Y. NaHS relaxes rat cerebral artery in vitro via inhibition of l-type voltage-sensitive Ca²⁺ channel. *Pharmacol Res.*, 2012 Feb: 65(2): 239-46.
 40. Wu TX, Li Y,P Zhen SW, Deng SL, Zhang LZ, Fan CF, Jia WN, Zhong ZH, Du L, Liu XM, Zhou QH, Xu YL, Chen KJ, **Bian ZX**, Wong VV. Joint statement on promoting development of publication ethics among medical journals in China. *J Evid Based Med.*, 2011 Nov;4(4):214-216.
 41. Zeng XX, **Bian ZX***, Wu TX, Fu SF, Ziea E, Woon WT. Traditional Chinese Medicine Syndrome Distribution in Chronic Hepatitis B Populations: A Systematic Review. *Am J Chin Med.*, 2011, 39(6): 1061-1074.
 42. Tsang SW, **Bian ZX**, Zhang XJ, Zhao M. Nerve growth factor-mediated neuronal plasticity in spinal cord contributes to neonatal maternal separation-induced visceral hypersensitivity in rats. *Eur J Pain.*, 2012 Apr: 16(4): 463-72.
 43. **Bian ZX***, Qin HY, Tian SL, Qi SD. Combined effect of early life stress and acute stress on colonic sensory and motor responses through serotonin pathways: differences between proximal and distal colon in rats. *Stress*, 2011, 14(4): 448-58.
 44. Lin SH, Yang Z, Zhang XJ, **Bian ZX**, Cai ZW. Hippocampal metabolomics reveals 2, 3, 7, 8-tetrachlorodibenzo -p-dioxin toxicity associated with ageing in SD rats. *Talanta*, 2011, 85(2): 1007-12.
 45. Luo JL, Qin HY, Wong CK, Tsang SY, Huang Y, **Bian ZX***. Enhanced Excitability and Down-Regulated Voltage - Gated Potassium Channels in Colonic DRG Neurons from Neonatal Maternal Separation Rats. *J Pain.*, 2011, May, 12(5): 600-9.
 46. **Bian ZX***, Shang HC. CONSORT 2010 statement: updated guidelines for reporting parallel group randomized trials. *Ann Intern Med.*, 2011, Feb 15, 154(4):290-1.
 47. **Bian ZX***, Chang YH, Revised STRICTA as a extending the CONSORT Statement: More items should be involved in the checklist. *J Altern Complem Med.*, 2011, Feb, 17(2): 97-8.
 48. Lau YT, Wong CK, Luo J, Leung LH, Tsang PF, **Bian ZX**, Tsang SY. Effects of hyperpolarization-activated cyclic nucleotide-gated (HCN) channel blockers on the proliferation and cell cycle progression of embryonic stem cells. *Pflugers Arch.*, 2011, Jan, 461(1):191-202.
 49. Cheng CW, **Bian ZX***, Zhu LX, Wu JC, Sung JJ. Efficacy of a Chinese herbal proprietary medicine (Hemp Seed Pill) for functional constipation. *Am J Gastroenterol.*, 2011, Jan, 106(1):120-9.
 50. Qian HY, Tian XL, Wu J, Sung JJ, Xu HX, **Bian ZX***. Systematic review of animal models of

post-infectious/post inflammatory irritable. *J Gastroenterol.*, 2011, 46: 164-174.

51. Qin HY, Luo JL, Qi SD, Xu HX, Sung JJY, **Bian ZX***. Visceral hypersensitivity induced by activation of Transient Receptor Potential Vanilloid Type 1 is mediated through the serotonin pathway in rat colon. *Eur J Pharmacol.*, 2010 Nov 25, 647(1-3):75-83. Epub 2010 Sep 6.
52. **Bian ZX***, Cheung CW, Fan Y. Evidence-based Management of Herb-Drug Interaction in Cancer Chemotherapy. *Explore-NY*, 2010 Sep-Oct, 6(5): 324-9.
53. Lau WK, Lau YM, Zhang HQ, Wong SC, **Bian ZX**. Electroacupuncture versus celecoxib for neuropathic pain in rat SNL model section: pain mechanisms and sensory neuroscience. *Neuroscience*, 2010, Oct 13, 170(2): 655-61. Epub 2010 Jul 25.
54. Wang L, Cui XH, Cheng L, Yuan Q, Li TQ, Li YP, Deng SL, Shang HC, **Bian ZX**. Adverse events to Houതുynia injection: A systematic review. *J Evid Based Med.*, 2010, Aug, 3(3): 168-76.
55. **Bian ZX***. Wu TX. Legislation for trial registration and data transparency. *Trials*, 2010 May 26, 11:64.
56. **Bian ZX**, Tian HY, Gao L, Shang HC, Wu TX, Li YP, Zhang BL, Song L. Improving reporting of adverse events and adverse drug reactions following injections of Chinese materia medica, *J Evid Based Med.*, 2010, 5-10.
57. Wu TX, Shang HC, **Bian ZX**, Zhang JH, Li TQ, Li YP, Zhang BL. Recommendations for reporting adverse drug reactions and adverse events of traditional Chinese medicine. *J Evid Based Med.*, 2010, 11-17.
58. **Bian ZX***, Shang HC, Wu TX, Li YP, Zhang BL. Review of adverse reactions to Chinese medicine injections. *J Evid Based Med.*, 2010: 88-94.
59. Ng SY, Chin CH, Lau YT, Luo J, Wong CK, **Bian ZX**, Tsang SY. Role of voltage-gated potassium channels in the fate determination of embryonic stem cells. *J Cell Physiol.*, 2010, Jul, 224(1): 165-77.
60. Zhang M, Leung FP, Huang Y, **Bian ZX***. Increased colonic motility in a rat model of irritable bowel syndrome is associated with up-regulation of L-type calcium channels in colonic smooth muscle cells. *Neurogastroent & Motil.*, 2010, 22(5): 162-70.
61. **Bian ZX***, Zhang M, Hang QB, Xu HX, Sung JJY. Analgesic effects of JCM-16021 on neonatal maternal separation-induced visceral pain in rats. *World J Gastroenterol.*, 2010, 16(7): 837-845.
62. Zhang HW, **Bian ZX**, Ling ZX. Are acupoints specific for diseases? A systematic review of the randomized controlled trials with sham acupuncture controls. *Chin Med.*, 2010, 5:1.
63. Lam YC, Cheng CW, Peng H, Law CK, Huang XZ, **Bian ZX***. Cancer Patients' Attitudes toward Traditional Chinese Medicine: A Hong Kong Survey. *Chin Med.*, 2009, 4, 25.
64. Cheng CW, **Bian ZX***, Wu TX. Systematic review of Chinese herbal medicine for functional constipation. *World J Gastroenterol.*, 2009, 15(39): 4886-95.
65. Wu TX, Li YP, **Bian ZX**, Liu GJ, Moher D. Randomized trials published in some Chinese journals: how many are randomized?. *Trials*, 2009, 10: 46.
66. Kum WF, Durairajan SS, **Bian ZX**, Man SC, Lam YC, Xie LX, Lu JH, Wang Y, Huang XZ, Li M. Treatment of idiopathic Parkinson's disease with traditional Chinese herbal medicine: a

- randomized placebo-controlled pilot clinical study. *Evid Based Compl Alt.*, 2011; 2011: 724353.
67. Zhang XJ, Chen HL, Li Z, Zhang HQ, Xu HX, Sung JJ, **Bian ZX***. Analgesic effect of paeoniflorin in rats with neonatal maternal separation-induced visceral hyperalgesia is mediated through adenosine A(1) receptor by inhibiting the extracellular signal-regulated protein kinase (ERK) pathway. *Pharmacol Biochem Behav.*, 2009, 94(1): 88-97.
 68. Chen HL, Zhang XJ, Qi SD, Xu HX, Sung JJ, **Bian ZX***. Simultaneous determination of glutamate and aspartate in rat periaqueductal gray matter microdialysates by capillary electrophoresis with laser-induced fluorescence. *J Chromatogr B Analyt Technol Biomed Life Sci.*, 2009, 877(27): 3248-52
 69. Chung EK, **Bian ZX***, Xu HX, Sung JJ. Neonatal Maternal Separation Increases Brain-Derived Neurotrophic Factor and Tyrosine Kinase Receptor B Expression in the Descending Pain Modulatory System. *Neurosignals*, 2009, 17(3): 213-221.
 70. **Bian ZX***, Li Z, Huang ZX, Zhang M, Chen HL, Xu HX, Sung JJ. Unbalanced expression of protease-activated receptors-1 and -2 in the colon of diarrhea-predominant irritable bowel syndrome patients. *J Gastroenterol.*, 2009, 44(7):666-74.
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142. 卞兆祥, 王建华, 劳绍贤, 许鑫梅. 消化性溃疡病证关系探讨. 中国中西医结合消化杂志, 1994, 2(3): 1-4.
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143. 卞兆祥, 王建华, 劳绍贤, 许鑫梅. 脾气虚证, 肝胃不和证, 肝郁脾虚证定量诊断方法. 广州中医药大学学报, 1994, 11(3): 126-129.
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144. 卞兆祥, 张作记. 肺与膀胱相通初探. 辽宁中医杂志, 1991, (1): 7-8.
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146. 卞兆祥, 苏宝刚. 异病同治辨-兼论辨证必须与辨病相结合. 陕西中医, 1991, 12(6): 262-263.
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147. 卞兆祥. 《金匱要略》通腑法探析. 四川中医, 1991, (4): 2-3.
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CONFERENCE PAPER/ABSTRACT

1. Tsang SW, Yang ZJ, Zhang HJ, Lin CY, Xiao HT, Wong M, Shang HC, Zhang BL, Lu AP, Bian ZX. Rhein, a natural anthraquinone derivative, ameliorates pancreatic fibrosis in a mouse model of cerulean-induced chronic pancreatitis via suppression of sonic hedgehog signaling. The 10th Annual NHPPS conference: The best of both worlds-Traditional & Modern approaches. May 12-15, 2013, Canada
2. Bian ZX, Zhu GY, Yang ZJ. New alkylphenols from *Ardisia brevicaulis* induce cell cycle arrest and apoptosis through endoplasmic reticulum stress pathway in non-small-cell lung cancer cells. Natural Bioactives Conference, 9-11 July 2012, London, Canada.
3. Bian ZX, Consolidated standards of reporting trials (CONSORT) for Traditional Chinese Medicine: current situation and future development, 4th European Congress for integrative

medicine, 6-9 Oct 2011, Berlin, Germany

4. Cheng CW, Bian ZX, Zhu LX, A randomized controlled trial of Chinese herbal medicine in the treatment of functional constipation. Health research symposium 2010: Improving health and recognizing excellence. 11 Sept 2010, Hong Kong.
5. Zhang XJ, Wang H, Lee CC, Kung HF, Hsiao WWL, Tan S, Xu HX, Bian ZX, Proteomic profiling of spinal cord and dorsal root ganglia: altered protein regulation following inflammatory bowel diseases induced by trinitrobenzene sulfonic acid. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
6. Zhang M, Leung FP, Huang Y, Bian ZX, Up-regulation of L-type calcium channels in colonic smooth muscle cells is involved in colonic motility dysfunction induced by NMS. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
7. Zhang M, Luo JL, Leung FP, Huang Y, Bian ZX, Xu HX, Sung JJY, Inhibitory effect of magnolol on colonic motility is mediated through down-regulation of voltage-dependent L type Ca²⁺ channels of colonic smooth muscle cells in rats. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
8. Zhang M, Huang Y, Bian ZX, Xu HX, Sung JJY, Magnolol regulates the colonic motility dysfunction through inhibiting L-type calcium channels in colonic smooth muscle in neonatal maternal separation rats. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
9. Zhang M, Huang Y, Bian ZX, Xu HX, Sung JJY. Magnolol attenuates the colonic smooth muscle contraction by decreasing the activities of MLCK/myosin light chain 20 in colonic smooth muscle. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
10. Bian ZX, Zhang XJ, Tan S, Xu HX, Sung JJY. Therapeutic effect of JCICM-4-07 on visceral pain and diarrhea. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
11. Qi SD, Zhang XJ, Xu HX, Sung JJY, Bian ZX, Excitatory and inhibitory amino acid changes in brain of neonatal maternal separation rats: an in vivo microdialysis study. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
12. Qin HY, Zhang XJ, Bian ZX, The analgesic effect of JCM-16021 on TNBS-induced postinfectious irritable bowel syndrome rats. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong.
13. Tsang SW, Bian ZX, The role of NGF in visceral hypersensitivity and irritable bowel syndrome. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong
14. Cheng CW, Bian ZX, Zhu LX, Justin Wu, Sung JJY. Efficacy of a Chinese herbal proprietary medicine for functional constipation: a randomized double blinded placebo controlled clinical trial. The 9th meeting of The Consortium for Globalization of Chinese Medicine, Aug 23-25, 2010, Hong Kong

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16. Bian ZX, Cheung CW, Wu ZY, Sung JJ, Chinese herbal medicine for functional constipation: from dosage decision to efficacy evaluation. 21st National Spleen-Stomach Colloquium, 15-19 October 2009, Shenzhen, China
17. Cheng CW, Bian ZX. Pilot correlation study between the syndromes of traditional Chinese medicine and the diseases of Western conventional medicine through colonic functional tests. 2009 Hong Kong-Macua Postgraduate Symposium on Chinese Medicine. 13th August 2009. Hong Kong, China
18. Bian ZX, Quality control of herbal medicine: Bottle neck of clinical trial of Chinese medicine. Phytochemistry of Medical plant and sustainable usage of Chinese medicine Colloquium, 17-19 July 2009, QinHai, P. R. China
19. Bian zx, Zhang M, Xu HX, Sung JJY. Chinese Medicine formula JCICM-16021 attenuates visceral pain of neonatal maternal separation rats via serotonergic pathway. 16th UEGW 2008. Vienne Austria. 18-22 Aug 2008
20. Bian ZX, Cheng CH, Li YP, Moher D, Wu TX, Dagenais S, Li J, Li TQ, Describing and transparently reporting the rationale for Randomized Controlled Trials of Traditional Chinese Medicine, 5th Asia Evidence Based medicine conference, 23-27 May 2008, Lanzhou, P. R. China
21. Bian ZX, Moher D, Li YP, Wu TX, Dagenais S, Cheng CW, Li J, Li TQ. Precise reporting of traditional Chinese medicine interventions in randomized controlled trials. 5th Asia Evidence Based medicine conference, 23-27 May 2008, Lanzhou, P. R. China
22. Bian ZX, Cheng CH, Li YP, Moher D, Wu TX, Dagenais S, Li J, Li TQ, Appropriately Selecting and Concisely Reporting the Outcomes of Randomized Controlled Trials of Traditional Chinese Medicine (CONSORT for TCM). 5th Asia Evidence Based medicine conference, 23-27 May 2008, Lanzhou, P. R. China
23. Bian ZX, Cheng CH, Li YP, Moher D, Wu TX, Dagenais S, Li J, Li TQ, Transparently reporting the adverse effects of Traditional Chinese Medicine drug interventions in randomized controlled trial. 5th Asia Evidence Based medicine conference, 23-27 May 2008, Lanzhou, P. R. China
24. Cheng CW, Leung WM, Lai YL, Bian ZX. Determination of optimal dose of an ancient Chinese herbal formula in functional constipation. 14th Annual Symposium on Complementary Health Care. 11-13 December 2007. Exeter, UK
25. Cheng CW, Leung WM, Lai YL, Bian ZX. Chinese herbal medicine in functional constipation. Stage I: Dosage determination and Stage II: Efficacy & safety study. 2007 Hong Kong-Macua Postgraduate Symposium on Chinese Medicine. 16 August 2007. Hong Kong, P. R. China
26. Bian ZX, Li Z, Zhang XJ, Chung EK, Liu L, Xu HX, Sung JJY, Mast cell tryptase/PAR-2 and 5-HT/EC cells mediate neonatal maternal separation-induced visceral hyperalgesia. Gut 2007, 56(Suppl III) A 17
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- The effect of herbal medicine of a irritable bowel syndrome rat model with visceral hyperalgesia. *Gut* 2007, 56(Suppl III) A 330
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 29. Zhang XJ, Leung WM, Li Z, Bian ZX, Analgesic Effect of Paeoniflorin in Maternal Separation Induced Visceral Hyperalgesia Rats, *Pain*, 2007, 8(Suppl 1), S33
 30. Cheng CW, Leung WM, Lai YL, Bian ZX. Determination of optimal dose of an ancient Chinese herbal formula in functional constipation. 14th Annual Symposium on Complementary Health Care. 11-13 December 2007. Exeter, UK
 31. Cheng CW, Leung WM, Lai YL, Bian ZX. Chinese herbal medicine in functional constipation. Stage I: Dosage determination and Stage II: Efficacy & safety study. 2007 Hong Kong-Macua Postgraduate Symposium on Chinese Medicine. 16 August 2007. Hong Kong, P. R. China
 32. Cheng CW, Leung WM, Lai LY, Bian ZX. Determination of optimal dose of an ancient Chinese herbal formula in functional constipation. *Focus on Alternative and Complementary Therapies* v12, 2007;Suppl: 13-4
 33. Cheng CW, Lai YL, Bian ZX. Randomized, double- blind, placebo-controlled trial of Chinese herbal medicine for function constipation. 2006 World Congress on Chinese Medicine: Charting the Course of Development. 23-25 November 2006. Hong Kong, P. R. China
 34. Cheng CW, Leung WM, Lai YL, Bian ZX. Chinese herbal medicine I functional constipation: a randomized, single blind, dose determination clinical study. 2007 TWGHs Eddie Wang Symposium on Integrated Chinese and Western Medicine. 2-3 November 2007. Hong Kong, P. R. China
 35. Zhang M, Bian ZX, Joseph JJ Sung, Eric Z, Xu HX, Analgesic and anti-diarrhea effects of Chinese medicine formula JCICM-16-02 on rats with visceral hypersensitivity, World Congress on Chinese Medicine, Nov 23-25, 2006, Hong Kong, P. R. China
 36. Cheng CW, Lai WL, Bian ZX, A randomized controlled trial of Chinese herbal medicine for functional constipation. World Congress on Chinese Medicine, Nov 23-25, 2006, Hong Kong, P. R. China
 37. Elaine KY Chung, Bian ZX, Long-lasting changes in central nervous system in neonatal maternal separation induced-visceral hyperalgesia: role of NGF signaling. World Congress on Chinese Medicine, Hong Kong, Nov 23-25, 2006
 38. Zhang XJ, Bian ZX, Analgesic effect of senomenine on the rats with visceral hypersensitivity, World Congress on Chinese Medicine, Nov 23-25, 2006, Hong Kong, P. R. China
 39. Bian ZX, CONSORT for TCM, within and beyond CONSORT, North American Research Conference on Complementary and Integrative Medicine, May 23-28, 2006, Albert, Canada
 40. Bian ZX, Effects of hydroxyatractylolide on the ileum motility of guinea pig, The 9th International Congress on Ethnopharmacology, Aug 22-26, 2006, Guangxi, P. R. China
 41. Bian ZX, Electro-acupuncture attenuates stress-induced defecation in rats with chronic visceral hypersensitivity via serotonergic pathway, The 5th International Congress of Pathophysiology,

June 28-July 1, 2006 Beijing, P. R. China

42. Bian ZX, et al. Effects of CHFT, curcumin, paeoniflorin, and dl-tetrahydropalmatine on experimental visceral hypersensitivity in rats, International Conference on Chinese Medicine, Nov 2004, Beijing, P. R. China
43. Bian ZX, et al. Effect of eugenol on the motility of distal colon of guinea pig in vitro, International Conference of Chinese Medicine, Nov 2004, Beijing, P. R. China
44. Bian ZX, Traditional Chinese Medicine against SARS. Symposium on the Studies on Treatment of Post-SARS Syndrome with Chinese Medicine, Jul.2-3, 2003. Beijing, P. R. China
45. Bian ZX, Approaches on the therapeutic effect and mechanisms of Chinese herbs on experimental visceral hypersensitivity of IBS, Conference of the Pharmaceutical Society of Japan, 2003, Japan
46. Bian ZX, Rehabilitation of post-SARS subjects with Chinese herbal medicine, The First World Congress on Chinese Medicine, 2003. Melbourne, Australia
47. Bian ZX, Good Clinical Practice of Chinese Medicine: Key points for Chinese Medicine Development. The 2nd World Integrative Medicine Congress, 2002, Beijing, P. R. China
48. Bian ZX, L.Liu, Roles and methods of Chinese Medicine in preventive and healthcare for gerontology, The World Traditional Medicine Congress, 2002, Nanjing, P. R. China
49. Bian ZX, Z.X HUNG, JX MIAO, Treatment of diarrhea-predominant irritable bowel syndrome with Chinese herbal medicine, A primary randomized trial. Enhancing the Evidence Base for TCM Practice- Methodology and Grantsmanship, 2002, Hong Kong, P. R. China
50. Bian ZX, The road to the stronger evidence for Chinese herbal medicine. Enhancing the Evidence Base for TCM Practice- Methodology and Grantsmanship, 2002, Hong Kong, P. R. China
51. Bian ZX, Key points for Chinese medicine development. The 2nd World Integrative Medicine Congress - Good Clinical Practice for Chinese Medicine, 2002. Beijing, P. R. China
52. Bian ZX, Research strategy of preventing and treating the diseases with traditional Chinese medicine. *Analecta of Researchers of Integrated Traditional and Western Medicine*, 2000, Guangzhou, P. R. China
53. Bian ZX, The concentration of IL-6, IL-8 in the mucosa of patients with H.Pylori positive gastritis, and the regulation with heat-clearing and qi-regulating prescription. *Analecta of Researchers of Integrated Traditional and Western Medicine*, 2000, Guangzhou, P. R. China
54. Bian ZX, The evaluation of CagA Hp-IgG in the different syndrome with H.pylori positive gastritis, *Analecta of Researchers of Integrated Traditional and Western Medicine*, 2000, Guangzhou, P. R. China
55. Bian ZX, Comparison of H.pylori cytotoxin between Duodenal ulcer and gastritis. *Analecta of Researchers of Integrated Traditional and Western Medicine*, 2000, Guangzhou, P. R. China
56. Bian ZX, The Concentration of TNF-a and IL-6 in H.pylori positive chronic gastritis. *Analecta of Researchers of Integrated Traditional and Western Medicine*, 2000, Guangzhou, P. R. China
57. Bian ZX, The evaluation of CagA Hp-IgG in the different syndrome with H. pylori positive gastritis, *Analecta of Researchers of Integrated Traditional and Western Medicine*, 2000,

INVITED SPEECHES AND MEETINGS

1. Early life stress and its effects on neurogenesis. The National Summit Forum on Integrative Chinese and Western Medicine for Neurology and the 2nd China-US-Hong Kong-Taiwan Symposium on Integrative Chinese and Western Medicine for Neurology. 12-13 Oct 2013, Beijing, China 2013.
2. Evidence-based Medicine Research and Development of Chinese Medicine. The 2nd Hot Issues in Chinese Medicine Industry and Strategic Symposium on Cultivation and Research for Large Variety of Chinese Medicine. 12-13 Oct 2013, Beijing, China 2013.
3. Pattern Classification Study: Challenges ahead. The 19th Anniversary of KIOM, International Symposium on Pattern Identification, 30 Sept -3 Oct 2013. Korea
4. CONSORT for TCM: Current progress and future direction. Yantai, Shangdong, 29 Sept 2013
5. New drug development of IBS: Chinese medicine perspective. Seminar on Research and Development of Chinese Medicines-Present and Future, 5-6 Sept 2013
6. Chinese medicine for chemotherapy-induced side effects in GI system. Seminar on Research and Development of Chinese Medicines-Present and Future, 5-6 Sept 2013
7. SCI paper: how to present a whole story? 4th internal conference of integrated digestive disease, World Association of Chinese Medicine. 28-29 Aug 2013, Zhenzhou, Honan, China 2013
8. Psychological stress and IBS. 4th internal conference of integrated digestive disease, World association of Chinese medicine. 28-29 Aug 2013, Zhenzhou, Honan, China 2013
9. Stress and Functional GI diseases. Beijing international digestive disease summit forum of TCM and Western Medicine. 17 Aug 2013, Beijing, China
10. Strength and specific features of traditional Chinese Medicine. University of Macau, 12 July 2013, Macau, China
11. Stress and visceral hyperalgesia. China Academy of Chinese medical Science, 10 July 2013, Beijing, China
12. IBS treatment: should we target on Brain or Gut? Shanghai University of TCM, 8 July 2013, Shanghai, China
13. From classic formulation to new drugs: two case studies. HK-Swiss Mini-symposium, Novartis company. 3-4 July 2013, Hong Kong, China
14. Quality of trial of traditional Chinese medicine. Symposium on Science and Evidence in Acupuncture. 21-22 Aug 2012. Singapore
15. Pattern differentiation and management with Chinese herbal medicine for advanced cancer patients with constipation: Challenges ahead. Hong Kong International Integrative medicine Conference, 6-8 July 2012. Hong Kong, China
16. Traditional Chinese medicine for irritable bowel syndrome: From classic formula to modern medicine development. 2012 Sino-American Symposium on Clinical and Translational medicine. 27-29 June 2012. Shanghai. China
17. CONSORT for TCM: Challenges ahead. Dialogue on Human health between Traditional

Chinese Medicine culture and western medicine. Stabat Mater, Palazzo Dell' Archiginnasio, University of Bologna, 10-11 May 2012, Bologna, Italy,

18. WHO International Classification of Traditional Medicine (ICTM) Annual Network Meeting, 2-5 May, Hong Kong, HKSAR, China
19. WHO working group meeting on ICTM terminology, 27-30 March 2012, Shanghai, China
20. Chinese herbal medicine for GI disease. The 3rd GUNTM: International Symposium on EBM in Traditional Medicine. 16-18 Dec 2011, Taiwan.
21. Chinese herbal medicine for irritable bowel syndrome: From classic wisdom to modern Scientific understanding. 4th European Congress for integrative medicine, 6-9 Oct 2011, Berlin, Germany
22. Chinese herbal medicine for Functional Constipation: Systematic review and clinical trial approaches. 4th European Congress for integrative medicine, 6-9 Oct 2011, Berlin, Germany
23. Implementing CONSORT locally China perspective. CONSORT update meeting. 7-9 Sept 2011, Montebello, Canada
24. CONSORT for TCM: Current questions and future direction. 8th G-I-N(Guidelines International Network) 2011, 29-31 Aug 2011, Seoul, Korea.
25. Impact Factors in Developing TNBS-induced Post-inflammatory Irritable Bowel Syndrome Model in Sprague-dawley Rats, 10th CGCM conference, 26-28 Aug 2011, Shanghai, China.
26. CONSORT for TCM in China. International society of complementary medicine research (ISCMR), 6th International Congress on Complementary medicine research. 7-9 May 2011, Chengdu, China.
27. Quality of evidence of Traditional Chinese medicine and its future perspective on clinical practice and policy development, 15th International Congress of Oriental Medicine, Feb. 26-28, 2010, Makuhari Messe, International Conference Hall, Chiba, Japan.
28. Evaluating Complex Interventions: Chinese Herbal remedies. 3rd South Asian Regional Symposium on Evidence Informed Healthcare, 12 Jan 2010, Vellore, India.
29. Towards the AYUSORT statement. 3rd South Asian Regional Symposium on Evidence Informed Healthcare, 13 Jan 2010, Vellore, India.
30. Herbal Medicine for Irritable Bowel Syndrome, From Basic Mechanism to Clinical Cure at 10th Fujing Integrative Chinese and western medicine Colloquium, 13-14 November 2009, Fuzhou, China
31. "Chinese herbal medicine for functional constipation: from dosage decision to efficacy evaluation" at 21st National Spleen-Stomach Colloquium, 15-19 October 2009, Shenzhen, China.
32. "Outcome Assessment in Clinical Trials with Traditional Chinese Medicine" at the Forum of Current Progress in Technology and Methodology Used in TCM Research held from 13 to 14 March 2009 in Tinjing, China
33. "Traditional Chinese Medicine for Irritable Bowel Syndrome: Challenges Ahead" at "Public Forum: Irritable Bowel Syndrome: When West Meets East. 26 March 2009 at the Hong Kong Jockey Club Institute of Chinese Medicine in Hong Kong. Drug-herb interaction in

- chemotherapy: Challenges in clinical practice and research. Cancer Preventive Material Development Research Center, Sept 25, 2008, Kyunghee University, Korea
34. Analgesic effect of PF in neonatal material separation-induced visceral hyperalgesia, from clinical use to mechanism research. Sept 24, 2008, Kyunghee University, Korea.
 35. Quality of Life and Chinese Medicine, Current status and future perspective, 2nd Asia Quality of Life conference, 14-17 May 2008 Guangzhou, P. R. China
 36. CONSORT for TCM, Challenges and Beyond, 5th Asia Evidence Based medicine conference, 23-27 May 2008, Lanzhou, P. R. China.
 37. Herbal Medicine for Irritable Bowel Syndrome, *Symposium on Global Development in Chinese Medicine*, 25 Nov 2007, Hong Kong, P. R. China.
 38. Stress and Visceral Pain, Hong Kong Baptist University, 23 Nov 2007, Hong Kong, P. R. China.
 39. Irritable Bowel Syndrome: A Perspective from Chinese Medicine, International symposium on Traditional Chinese Medicine approaches to GI disorders. 7-8 November 2007, Baltimore, Maryland, USA.
 40. Placebo design in RCT with Chinese Herbal Medicine Challenges and Possible Solutions, 2007 TWGHs Eddie Wang Symposium on Integrated Chinese and Western Medicine, 2-3 November 2007, Hong Kong, P. R. China.
 41. Herbal Medicine for Irritable Bowel Syndrome *From Basic Mechanism to Clinical Cure*, *Kyunghee University Oriental Medicine Symposium*. 14 September 2007, Seoul, Korea.
 42. Legal and Regulatory Landscape of Clinical Trial on Chinese Medicine in China, BIO KOREA 2007 Conference and exhibition 12-14 September, 2007. Seoul, Korea.
 43. Efficacy Evaluation of TCM, A Critical Review. World Federation of Chinese Medicine Societies, 20-22 July 2007, Beijing, P. R. China.
 44. CONSORT for TCM, World Congress on Chinese Medicine, Nov 23-25, 2006, Hong Kong, P. R. China.
 45. What can Traditional Medicine contribute in case Influenza Pandemics happens? WHO Forum: TCM and Influenza, 27-28 Dec 2006, Beijing, P. R. China.
 46. How to Improve the Quality of RCT with Chinese Herbal medicine, RCT of TCM Forum, Hong Kong Hospital Authority, 24-25 May 2005, Hong Kong, P. R. China.
 47. Improving the Quality of Randomized Controlled Trials in Chinese Herbal Medicine, 2005 TWGHs Eddie Wang Symposium on Integrated Chinese and Western Medicine, November 2005, Hong Kong, P. R. China.
 48. CONSORT for TCM, World Congress on Chinese Medicine, Hong Kong, 23-25 Nov 2006, P. R. China.
 49. Why TCM need CONSORT? The 4th Asian-Pacific Conference on Evidence-Based Medicine, 15-17 April 2006, Chengdu, P. R. China.
 50. Rehabilitation of Post-SARS subjects with Chinese herbal medicine, Forum of Chinese Medicine and SARS, 21 Nov 2003, Beijing, P. R. China.
 51. Deserved position of Chinese Medicine in Hong Kong public health system –a rethinking after

SARS epidemic. Negative events in the life cycle: Recreation & Leisure as a Counteration. 7-8 Aug 2004, Hong Kong. P. R. China.

52. Treatment and Prevention of Cancers-Roles and Methods of Chinese Medicine, Canadian Cancer Society. 21-23 Sept 2003. Vancouver, Canada.
53. Review of Chinese Medicine against Cancer- From Basic to Clinical Research, Canadian Cancer Society. 21-23 Sept 2003. Vancouver, Canada.
54. Traditional Chinese Medicine against Cancer: Opportunity and Challenges, Canadian Cancer Society. 21-23 Sept 2003. Vancouver, Canada.
55. Road to the Integrated Chinese and Western Medicine, Anniversary of Hong Kong Academy of Medicine, 29 Nov 2003. Hong Kong Academy of Medicine, Hong Kong. P. R. China.

PUBLIC SEMINA ABOUT CHINESE MEDICINE

1. Food therapy for gastrointestinal diseases. Kowloon Council, June 28, 2003.
2. Common methods of Food therapy for cancer patients. The Hong Kong Anti-Cancer Society, November 30, 2002.
3. Treatment of chronic diarrhea with Chinese herbal medicine, Hong Kong Baptist Hospital, October 19, 2002.
4. Treatment of chronic fatigue with Chinese herbal medicine, Hong Kong Public Library, October 12, 2002.
5. Food and health, School of Chinese Medicine, Hong Kong Baptist University, September 28, 2003.
6. General introduction of Chinese medicine theory and practice, School of Chinese Medicine, Hong Kong Baptist University, Aug 2, 2002.
7. Food therapy for digestive diseases. School of Chinese Medicine, Hong Kong Baptist University, June 19, 2002.
8. Treatment strategy and methodology of gastrointestinal cancers. The Hong Kong Anti-Cancer Society, May 25, 2002.

MONOGRAPHS/BOOK CHAPTERS

1. *Irritable bowel syndrome*, Editor, team with Prof Tong XD. The People's Health Press. 2014
2. *Guideline for clinical usage of Chinese medicine injection*. The People's Health Press. 2009
3. *Essential of Chinese Medicine*, Springer, 2009 (Contributed to Chinese medicinal Formulas)
4. *Encyclopedia on contemporary medical plants*, Hong Kong Jockey Club institute of Chinese medicine, 2007. (Contributed to the clinical application of plants)
5. *The Treatment of Chinese Medicine for Metropolis's Disease*. Hong Kong: Wan Li Book Co., Ltd. Press. (team work, member of editorial board) 2007
6. *Strategy about Formulation of Chinese Herbs*. Chief Editor, Textbook for Master's Degree Course, Hong Kong Baptist University, 2005.
7. *Introduction to Chinese Medicine Practice*. Chief Editor, Wanli Publishing House. Hong Kong, 2004.

8. *Food Therapy for 100 Common Diseases*. Chief Editor, People's Health Publishing House, Beijing, P. R. China, 2003.
9. *Food Therapy for 100 Common Diseases*. Chief Editor. Green Leaf Publishing Company. Hong Kong, 2003.
10. *Precancerous Lesion of Stomach*. Guangdong Science and Technology Publishing Company, December, Guangdong, P. R. China, 2002. (contributed to one chapter)
11. *General Introduction of Chinese Medicine Clinical Practice*. Chief Editor, Textbook for Bachelor of Chinese Medicine program, Hong Kong Baptist University, 2003
12. *An Illustrated Chinese Materia Medica in Hong Kong*. Chinese Publishing Company. 2003. Hong Kong (team work, contributed to the clinical usage part)
13. *Physiology and Pathophysiology of Gastroenterology*. Guangdong Press of Science and Technology. 1997. Edited by Prof. LIANG Zhi-cheng. (team work, contributed to 4 chapters, 40,000 words)
14. *Pharmacology and Clinical Practice of Gastroenterology*. Xueyuan Press. Beijing, 2001. Edited by Prof. Chen Weiwen.(team work, contributed to three chapters, 20,000 words)
15. *Internal Medicine of Tradition Chinese Medicine*. Guangdong Press of Science and Technology, 2001. Edited by Prof. Li Renxin. (Team work, contributed to 10 chapters, 50,000 words)

RESEARCH GRANTS OBTAINED AS PI IN HONG KONG

1. Effects of Combination of Berberine and 5-Aminosalicylate (5-ASA) Against Experimental Ulcerative Colitis and Its Potential Mechanisms, HMRF/12-13/01 (Ref.#10111971), HK\$ 950,000.00 (Jan 2013-Dec 2014) *{on going}*
2. The effective fraction isolated from Radix Astragali Ameliorates Experimental ulcerative colitis by inhibiting MAPK pathways and NF-kB transcription, HKBU/FRG2/11-12/005, HK\$120,000.00(Jan 2012- Dec 2012) *{on going}*
3. Traditional Chinese Medicine for Inflammatory Bowel Disease: Efficacy Confirmation and Basic Mechanism Study, PI, HKBU/IRMS, HK\$ 1,500,000.00 (2012-2014)*{on going}*
4. Development of Amyloid Fibrillation Inhibitors based on Small Molecules and Natural Products Derived from Chinese Herbal Medicine as a Treatment Approach for Alzheimer's Disease (Co-PI). HKBU/IRMS, HK\$ 2,950,000.00 (2013-2015)*{on going}*
5. Raloxifene and Estrogen Block oxidative stress(HXXO)-induced alterations in proteome of prostate endothelial cells, HKBU/FRG2/11-12/005, HK\$100,000.00(Jan 2012- Dec 2012)*{on going}*
6. Chinese herbal medicine for functional constipation: a prospective double blinded double dummy randomized controlled study. HHSRF, Health and Health Services Research Fund, Research Council, Hong Kong, HK\$:996600.00 (2012-2014) *{on going}*
7. Nerve-growth factor mediated enteric neuronal plasticity contributes to neonatal maternal separation-induced visceral hyperalgesia in rats, Research Grants Council of Hong Kong, HK\$ 980000.00 (2010,12- 2012,12)
8. Research about methodology of Syndrome differentiation in Randomized controlled trial.

National Natural Science Foundation, China, RMB 600000 (2012-2015) *{on going}*

9. Polygonum chinense Linn as an anti-diarrheal remedy in Traditional Chinese Medicine: from action substance to underlying mechanism, HKBU/FRG2/10-11/027, HK\$120,000.00(Jan 2011- Dec 2011)
10. Systematic review on the treatment of HBV and prevention of Liver Complications using Chinese herbal medicine, Hospital Authority of Hong Kong, HK\$229,260.00(2009-2010)
11. Systematic review on the prevention and treatment for major side effects of cancer and western therapies using acupuncture and /or Chinese herbal medicine, Hospital Authority of Hong Kong, HK\$229,260.00(2009-2010)
12. Nerve Growth Factor (NGF) Signaling in the generation and maintenance of colonic motility disorder induced by neonatal maternal separation/ HKBU/FRG/HK \$115,000 (2009-2010)
13. Altered Excitability of Voltage-gated K⁺ channels in DRG neurons contributes to neonatal maternal separation-induced visceral hyperalgesia/ HKBU/FRG/HK \$40,000 (2009-2010)
14. Role of nerve growth factor signaling in the maintenance of visceral hyperalgesia in an animal model of irritable bowel syndrome (IBS), General Research Fund (GRF1), HK\$:497000.(2008-2010).
15. Role of supraspinal brain-derived neurotrophic factor signaling in neonatal maternal separation induced visceral hyperalgesia, HKBU/FRG/07-08/II-74. HK\$ 112,500.(2008-2009).
16. Toward Drug Development of JCICM-16-02 Formula for Irritable Bowel Syndrome (Co-PI), Hong Kong Jockey club institute of Chinese Medicine Ltd. ICM/4-7, HK\$7,348,000.00(2008-2010).
17. A Randomized controlled Trial of Chinese herbal medicine in the treatment of functional constipation, Health and Health Service Research Fund, Hong Kong, HWF CR3-6-3921.HK\$ 464,580 (2007-2009).
18. The mechanism of pain modulation in neonatal maternal separation-induced visceral hyperalgesia through activation of PAR-2 pathway in gut, FRG06-07/II-72. HK\$ 122,000 (2006-2007).
19. Chinese Herbal Medicine for Irritable Bowel Syndrome: From Basic Mechanism to Clinical Cure (JCICM-16-02 revised). Hong Kong Jockey club institute of Chinese Medicine Ltd. ICM/16-02, HK\$4,780,000.00. (2005-2007).
20. Pain modulation in the central nerve system in neonatal material separation-induced visceral hyperalgesia: Role of NGF-TrkA pathway, HKBU/FRG/05-06/II-54, HK\$:137,000.00 (2005-2006).
21. Effect of PF on Rats with Visceral Hypersensitivity and Possible Mechanism HKBU/FRG/04-05/II39, HK\$152,000.00 (2004-2005).
22. Effect of Senomenine on Rats with Visceral Hypersensitivity and Possible Mechanism HKBU/FRG/04-05/I-51, HK\$:50,000.00 (2004-2005).
23. Chinese herbal medicine for functional constipation, from basic to clinical usage. WOOFO Medical Foundation. HK\$ 1,000,000.00(2004-2007).
24. Effect of acupuncture on rats with visceral hypersensitivity and possible mechanism,

- HKBU/FRG/03-04/II-75. HK\$:100,000.00. (2003-2004).
25. Standardization of Chinese diagnosis about syndrome of IBS, BCMIC, HK\$ 488,000.00 (2003-2005).
 26. Study on the pharmacological effects of biatractylolide on small intestine Motility, HKBU/FRG/02-03/II-29. HK\$167,526.00(2002-2003).
 27. Motility adjustment of a Chinese herbal formula, CHFT, on experimental irritable bowel rats. HKBU/FRG/02-03/II-47. HK\$168,000.00(2002-2003).
 28. Approaches on the therapeutic effect and mechanisms of a Chinese herbal formula, CHFT, on experimental irritable bowel rats/HKBU/FRG/01-02/II-28. HK\$ 198,000.00(2001-2002).
 29. Nerve Growth Factor (NGF) Signaling in the generation and maintenance of colonic motility disorder induced by neonatal maternal separation/ HKBU/FRG/HK \$115,000 (2009-2010)
 30. Altered Excitability of Voltage-gated K⁺ channels in DRG neurons contributes to neonatal maternal separation-induced visceral hyperalgesia/ HKBU/FRG/HK \$40,000 (2009-2010)

Total amounts: HK\$24,839,800.00 (item 16 and 19 was collaborated with CUHK)

RESEARCH GRANTS OBTAINED AS Co-I IN HONG KONG

1. New drug discovery from Chinese medicine: A strategic project. HK\$ 30,000,000.00. CO-PI. Private Fund, (Mar 2011-Feb 2014) *{On going}*
2. Discovery and development of biomarkers for evidence-based Chinese Medicine using the proteomic technology platform, RGC, Central Allocation, HK\$ 3,600,000(2008,6-2011,5).
3. Public Healthcare Welfare by Computerized TCM (Traditional Chinese Medicine) Diagnosis System, Public Policy Research, 5007-PPR-6, HK\$ 600,000.(2008-2010).
4. Chinese Medical Social Service Pilot Project (S. K. Yee Medical Foundation). HK\$.783,068.00(2004-2005)
5. Encyclopedia on Contemporary Medicinal, Hong Kong Jockey Club Institute of Chinese Medicine Ltd. ICM/03-04/01; HK\$1,960,000. (2003-2004)
6. R&D of a botanical drug product on anti-rheumatoid arthritis from Chinese Medicine. Hong Kong Jockey Club Institute of Chinese Medicine Ltd. ICM/02-02/006, HK\$8,166,000 (2002-2004)
7. Learning Internal Chinese Medicine by clinical cases-development of a video and multi-media system for teaching. Ref. No: TDG/0203/I/09. Hong Kong Baptist University

SERVICES

Service to Committees in different levels (Department, Faculty and University)

- 2011-2102: Staff Affairs Committee, Hong Kong Baptist University
- 2007-2011: Senate member, Hong Kong Baptist University
- 2010-2012: Research committee, Hong Kong Baptist University
- 2006-2008: Estate Committee, Hong Kong Baptist University
- 2004-2009: Equal opportunity Commission, Hong Kong Baptist University

- 2001-Present: Executive committee, School of Chinese Medicine,
Hong Kong Baptist University
- 2003-Present: Course management Committee of Chinese Pharmacology,
School of Chinese Medicine, Hong Kong Baptist University
- 2001-Present: Associate Chairman, Clinical Management Committee,
School of Chinese Medicine, Hong Kong Baptist University
- 2001-Present: Research and development Committee,
School of Chinese Medicine, Hong Kong Baptist University

Service to Community

- 2009-Present: Member of Central Committee on Chinese medicine Service,
Hospital Authority, HKSAR
- 2008-Present: Wofoo Social Enterprises
- 2004-Present: Management Committees with HA-NGO-BU clinics (total six clinics)