**白麗萍**

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**簡介:** 白麗萍博士于2001年畢業于遼寧中醫藥大學，2004年於同校取得碩士學位。2008于香港浸會大學取得博士學位。2006年10月至2007年1月期間，于日本大阪大學產業科學研究所做訪問學者，主要從事苯並菲啶類生物鹼與人端粒G-四鏈體DNA的相互作用研究。畢業後於香港浸會大學中醫藥學院進行博士後研究工作。2011年9月受聘于澳門科技大學中藥質量研究國家重點實驗室，擔任助理教授，於2015年7月被破格晉升為副教授。

白博士的研究方向包括生物有機化學和天然藥物化學。主要從事中藥中生物活性成分研究；活性有机小分子的結構修飾及其藥效研究；新型鞘脂的設計合成及其在藥物製劑領域中的應用研究；中藥質量標準研究等。曾參與香港31種劇毒中藥的顯微鑒別研究工作。研究論文發表在Organic Letters, European Journal of Medicinal Chemistry, Bioorganic Chemistry, International Journal of Molecular Sciences, Journal of Natural Products, RSC Advances, ChemBioChem, Analytical and Bioanalytical Chemistry和 Bioorganic & Medicinal Chemistry等國際學術刊物上。迄今，已獲18項國際專利授權（5項美國專利）。她的研究得到澳門科技發展基金和澳門基金會的資助。作為項目組成員，參與香港浸會大學基金，國家自然科學基金和廣東省自然科學基金等項目。

**教研領域**

教學科目：中藥化學（理論課與實驗課）；中藥研究進展；中藥學研究進展；中藥化學選論；中藥化學實驗技術; 專題研究

研究方向：生物有機化學；天然藥物化學

**學歷**

2008.9 香港浸會大學哲學博士學位

2004.7 遼寧中醫藥大學生藥學碩士學位

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**教學經驗:**

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| 2015.7-今 | 澳門科技大學中藥質量研究國家重點實驗室，副教授 |
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| 2006.10-2007.1 | 日本大阪大學產業科學研究所，訪問學者 |
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**學術成果** (\*: 責任作者; #: 第一作者)

1. Liu, Qian-Bao#; Lu, Jing-Guang#; Jiang, Zhi-Hong\*; Zhang, Wei; Li, Wen-Jia; Qian, Zheng-Ming; **Bai, Li-Ping**\*. In situ chemical Profiling and imaging of cultured and natural *Cordyceps sinensis* by TOF-SIMS. *Frontiers in Chemistry*, 2022, in press, doi:10.3389/fchem.2022.862007.
2. Xiao, Riping#; Lei, Kaiwai#; Kuok, Hioha#; Deng, Wende; Zhuang, Yuxing; Tang, Yanqing; Guo, Zhengyang; Qin, Hongyan\*; **Bai, Li-Ping**\*; Li, Ting\*.Synthesis and identification of lithocholic acid 3-sulfate as RORγt ligand to inhibit Th17 cell differentiation. *Journal of Leukocyte Biology*, 2022, 1-9. DOI: [10.1002/JLB.1MA0122-513R](https://doi.org/10.1002/jlb.1ma0122-513r).
3. Wang, Yue; Wu, Xuan; Sun, Jianfeng; Wang, Caiyuan; Zhu, Guoyuan; **Bai, Li-Ping**; Jiang, Zhi-Hong\*; Zhang, Wei\*. Stripping voltammetric determination of cadmium and lead ions based on a bismuth oxide surface-decorated nanoporous bismuth electrode. *Electrochemistry Communications*, 2022, 136, 107233.
4. Kong, Lingkai; Hu, Xueping; **Bai, Li-Ping**\*. TBAI-Catalyzed Oxidative Coupling of Benzyl Ketones to Synthesize 2,3-Diary-1,4-Diketones in Water. *ACS OMEGA*, **2022**, 7, 2337-2343.
5. Kong, Lingkai; Meng, Jieru; Tian, Wenyue; Liu, Jiazheng; Hu, Xueping; Jiang, Zhi-Hong; Zhang, Wei; Li, Yanzhong\*; **Bai, Li-Ping**\*. I2-Catalyzed Carbonylation of α-Methylene Ketones to Synthesize 1,2-Diaryl Diketones and Antiviral Quinoxalines in One Pot. *ACS OMEGA*, 2022, 7, 1380-1394.
6. Chen, Fei-Long; Liu, Dong-Li; Fu, Jing; Yang, Ji; **Bai, Li-Ping**; Zhang, Wei; Jiang, Zhi-Hong\*; Zhu Guo-Yuan\*. (±)-Atrachinenins A–C, three pairs of caged C27 meroterpenoids from the rhizomes of *Atractylodes Chinensis*. *Chinese Journal of Chemistry*, **2022**, 40, 460-466.
7. Guo, Yong#; Meng, Jieru#; Liu, Jiazheng; Xu, Ting; Zheng, Zhiyuan; Jiang, Zhi-Hong; **Bai Li-Ping**\*. Synthesis and biological evaluation of honokiol derivatives bearing 3-((5-phenyl-1,3,4-oxadiazol-2-yl)methyl)oxazol-2(3H)-ones as potential viral entry inhibitors against SARS-CoV-2. *Pharmaceuticals*, **2021**, 14, 885.
8. Guo, Yong; Enhua, Hou; Tingyu, Wen; Xiaoting, Yan; Meiyue, Han; **Bai, Li-Ping**; Xiangjing, Fu; Jifeng, Liu\*; Shangshang, Qin\*. Development of Membrane-Active Honokiol/Magnolol Amphiphiles as Potent Antibacterial Agents against Methicillin-Resistant Staphylococcus aureus (MRSA). *Journal of Medicinal Chemistry*, **2021**, 64,12903-12916.
9. Hu, Chun-Mei; Wang, Wen-Jing; Ye, Yuan-Na; Kang, Yu; Lin, Jing; Wu, Pan-Pan; Li, Dong-Li; **Bai, Li-Ping**; Xu, Xue-Tao; Li, Bao-Qiong; Zhang, Kun. Novel cinnamic acid mognolol derivatives as potent α-glucosidase and α-amylase inhibitors: Synthesis, in vitro and in silico studies. *Bioorganic Chemistry*, 2021, 116, 105291.
10. Xu, Ting; Tian Wenyue; Zhang, Qian; Liu Jiazheng; Liu, Zhiyan; Jin, Jing; Guo, Yong\*; **Bai, Li-Ping**\*. Novel 1,3,4-thiadiazole/oxadiazole-linked honokiol derivatives suppress cancer *via* inducing PI3K/Akt/mTOR-dependent autophagy. *Bioorganic Chemistry*, 2021, 115, [105257.](https://doi.org/10.1016/j.bioorg.2021.105257)
11. Xin Liu; Jing Fu; Rong-Sheng Shen; Xu-Jia Wu; Ji Yang; **Li-Ping Bai**; Zhi-Hong Jiang\*, Guo-Yuan Zhu\*. Linderanoids A–O, dimeric sesquiterpenoids from the roots of Lindera aggregata (Sims) Kosterm. *Phytochemistry*, 2021, 191, 112924.
12. Zheng, Zhiyuan#; Zhou, Zhongbo#; Zhang, Qiulong; Zhou, Xiaobo; Yang, Ji; Yang, Ming-Rong; Zhu, Guo-Yuan; Jiang, Zhi-Hong; Li, Ting; Lin, Qianyu; **Bai, Li-Ping**\*. Non-classical Cardenolides from *Calotropis gigantea* Exhibit Anticancer Effect as HIF-1 Inhibitors. *Bioorganic Chemistry*, **2021**, 109, 104740.
13. Li, Yan#; Zhang, Huixia#; Luo, Wendi; Lam, Christopher Wai Kei; Wang, Caiyun; **Bai**, **Li-Ping**;Wong, Vincent Kam Wai; Zhang, Wei\*; Jiang, Zhi-Hong\*. Profiling ribonucleotide and deoxyribonucleotide pools perturbed by remdesivir in human bronchial epithelial cells. *Frontiers in Pharmacology*, **2021**, 12, 647280.
14. Liu, Xin; Yang, Ji; Fu, Jing; Xu, Pei-Lin; Xie, Tang-Gui; **Bai, Li-Ping**; Jiang, Zhi-Hong\*, Zhu, Guo-Yuan\*. Monoterpene-Flavonoid Conjugates from *Sarcandra glabra* and Their Autophagy Modulating Activities. *Bioorganic Chemistry*, **2021**, 112, 104830.
15. Zhong Shan#\*; **Bai, Li-Ping#**; Liu, Xiaodong; Cai, Dieyi; Yau, Leefong; Huang, Chuqin; Zhang, Jiaqi; Lai, Kefang\*; Zhong, Nanshan. Cough inhibition activity of *Schisandra chinensis* in guinea pigs. *Journal of Medicinal Food*, **2021**, 24, 348-357.
16. Liu, Xin; Jing, Fu; Yang, Ji; Huang, AnCheng; Li, Run-Feng; **Bai, Li-Ping**; Liu, Liang; Jiang, Zhi-Hong\*; Zhu, Guo-Yuan\*. Linderaggrenolides A–N, Oxygen-Conjugated Sesquiterpenoid Dimers from the Roots of *Lindera aggregata*. *ACS Omega*, **2021**, 6, 5898-5909.
17. Yang, Ji; Liu, Xin; Fu, Jing; Lyu, Hao-Yuan; **Bai, Li-Ping**; Jiang, Zhi-Hong\*; Zhu, Guo-Yuan\*. Calycindaphines A‒J, Daphniphyllum alkaloids from the roots of *Daphniphyllum calycinum*. *RSC Advances*, **2021**, 11, 9057-9066.
18. Wang, Ye; Zheng, Zhong; Yuan, Yang; Wang, Mengdan; Guo, Zixia; Jiang, Yuan-Ye\*; **Bai, Li-Ping**\*; Li, Yanzhong\*. Cascade C-N Bond Cleavage of Amides **/** Intramolecular Amination Reactions: An Atom Economical Way to α-Cabolin-4-ones. *Organic Chemistry Frontiers*, **2020**, 8, 579-583. <https://doi.org/10.1039/D0QO01257B>.
19. Zhou, Xiaobo#; Xiao, Riping#; Chen, Ming; **Bai, Li-Ping\***. Synthesis of Uscharin Oxime Analogues and Their Biological Evaluation as HIF-1 Inhibitors. *ChemistrySelect*, **2020**, 5, 12869.
20. Li, Zheng; Qian, Zengting; Chen, Hongwei; Zhang, Huixia; Li, Yan; Wang, Caiyun; **Bai**, **Li-Ping**;Zhang, Wei\*; Jiang, Zhi-Hong\*. Similarity and specificity of traditional Chinese medicine formulas for the management of coronavirus disease 2019 and rheumatoid arthritis based on integrated network pharmacology. *ACS Omega*, **2020**, 5, 30519.
21. Xu, Ting; Zheng, Zhiyuan; Guo, Yong\*; **Bai, Li-Ping**\*. Semisynthesis of novel magnolol-based Mannich base derivatives that suppress cancer cells via inducing autophagy. *European Journal of Medicinal Chemistry*, **2020**, 205, 112663.
22. Huang, Qi; Zhang, Hui; **Bai, Li-Ping**, Law, Betty Yuen Kwan; Xiong, Haoming; Zhou, Xiaobo; Xiao, Riping; Qu, Yuan Qing; Mok, Simon Wing Fai; Liu, Liang\*; Wong, Vicent Kam Wai\*. Novel ginsenoside derivative 20(S)-Rh2E2 suppresses tumor growth and metastasis in vivo and in vitro via intervention of cancer cell energy metabolism, *Cell Death and Disease* **2020**, 11, 621.
23. Liu, Meixian; Li, Na; Zhang, Yida; Zheng, Zhiyuan; Zhuo, Yue; Sun, Baoqing; **Bai**, **Li-Ping;** Zhang, Mingming; Guo, Mingquan; Wu, Jianlin\*. Characterization of Covalent Protein Modification by Triclosan in vivo and in vitro via Three-Dimensional Liquid Chromatography-Mass Spectrometry: New Insight into Its Adverse Effects. *Environment International* **2020**, 136, 105423.
24. Wang, Zhihua; Wu, Wenbo; Guan, Xiangchen; Guo, Shuang; Li, Chaowen; Niu, Ruixue; Gao, Jie; Jiang, Min; **Bai, Li-Ping**; Leung, Elaine Laihan; Hou, Yuanyuan\*; Jiang, Zhi-Hong\*; Bai,Gang\*. Multiomic analysis revealed 20(s)-protopanaxatriol promotes the binding of P53 and DNA to regulate the antitumor network. *Acta Pharmaceutica Sinica B*, 2020,*10*(6), 1020-1035.
25. Jin, Jing #\*; Xue, Nina #; Liu, Yuan; Fu, Rong; Wang, Mingjin; Ji, Ming; Lai, Fangfang; Hu, Jinping; Wang, Xiaojian; Xiao, Qiong; Zhang, Xiaoying; Yin, Dali; **Bai, Li-Ping**; Chen, Liping \*; Rao, Shuan \*. A novel S1P1 modulator IMMH002 ameliorates psoriasis in multiple animal models, *Acta Pharmaceutica Sinica B*, **2020**,*10*(2), 276-288.
26. Chen, Qi; Liu, Juan; Zhuang, Yuxin; **Bai, Li-Ping**; Yuan, Qing; Zheng, Silin; Liao, Kangsheng; Khan, Md. Asaduzzaman; Wu, Qibiao; Luo, Cheng; Liu, Liang; Wang, Hui \*; Li, Ting \*. Identification of an IKKβ inhibitor for inhibition of inflammation in vivo and in vitro. *Pharmacological Research*, **2019**, 149, 104440.
27. Zhou, Xiaobo#; Chen, Li#; Jiang, Zhi-Hong; Chen, Xiao Yi; Luo, Pei\*; **Bai, Li-Ping**\*. Synthesis of 21-Alkylidenes and 21-Alkylol Analogues of Uscharin and Their Effects on Intracellular Calcium in Cardiac Cells. *Chemistryselect* **2019,** *4* (19), 5512-5517.
28. Liu, Xin; Yang, Ji; Yao, Xiaojun; Yang, Xing; Fu, Jing; **Bai, Li-Ping;** Liu, Liang; Jiang, Zhi-Hong\*; Zhu, Guo-Yuan\*. Linderalides A-D, Disesquiterpenoids Geranylbenzofuranone Conjugates from Lindera aggregate. *J Org Chem* **2019,** *84* (12), 8242-8247.
29. Liu, Juan; **Bai, Li-Ping**; Yang, Fen; Yao, Xiaojun; Lei, Kawai; Lam, Christopher Wai Kei; Wu, Qibiao; Zhuang, Yuxin; Xiao, Riping; Liao, Kangsheng; Kuok, Hioha; Li, Ting\*; Liu, Liang\*. Potent Antagonists of RORgammat, Cardenolides from Calotropis gigantea, Exhibit Discrepant Effects on the Differentiation of T Lymphocyte Subsets. *Mol Pharm* **2019,** *16* (2), 798-807.
30. Qin, Hong-Yan \*; Kou, Jia-Xin; Rao, Zhi; Zhang, Guo-Qiang; Wang, Xiao-Hua; **Bai, Li-Ping;** Wei, Yu-Hui. N-acetyltransferase Activity Assay and Inhibitory Compounds Screening by Using Living Human Hepatoma HepaRG Cell Model. *International Journal of Pharmacology* **2019,** *15* (2), 229-237.
31. Fan, Dongsheng; Li, Ting; Zheng, Zhiyuan; Zhu, Guo-Yuan; Yao, Xiaojun; Jiang, Zhi-Hong\*; **Bai, Li-Ping**\*. Macrolide sesquiterpene pyridine alkaloids from the stems of Tripterygium regelii. *Journal of Natural Medicines* **2019,** *73* (1), 23-33.
32. Zhu, Guo-Yuan\*; Yang, Ji; Yao, Xiaojun; Yang, Xing; Fu, Jing; Liu, Xin; **Bai, Li-Ping**; Liu, Liang; Jiang, Zhi-Hong\*. (+/-)-Sativamides A and B, Two Pairs of Racemic Nor-Lignanamide Enantiomers from the Fruits of Cannabis sativa. *Journal of Organic Chemistry* **2018,** *83* (4), 2376-2381.
33. Zhou, Xiaobo#; Qu, Yuan Qing #; Zheng, Zhiyuan; Law, B. Yuen Kwan; Mok, S. Wing Fai; Jiang, Zhi-Hong\*; Wong, V. Kam Wai\*; **Bai, Li-Ping**\*. Novel dauricine derivatives suppress cancer via autophagy-dependent cell death. *Bioorganic Chemistry* **2018,** *83*, 450-460.
34. Sun, B.; Liang, Z.; Xie, B. P.; Li, R. T.; Li, L. Z.; Jiang, Z.-H.; **Bai, Li-Ping**; Chen, Jin Xiang\*. Fluorescence sensing platform based on ruthenium(II) complexes as high 3S (sensitivity, specificity, speed) and "on-off-on" sensors for the miR-185 detection. *Talanta* **2018,** *179*, 658-667.
35. Zhou, Xiao Bo#; Chen, Ming#; Zheng, Zhi Yuan; Zhu, Guo-Yuan; Jiang, Zhi-Hong\*; **Bai, Li-Ping**\*. Synthesis and evaluation of novel 12-aryl berberine analogues with hypoxia-inducible factor-1 inhibitory activity. *RSC Advances* **2017,** *7* (43), 26921-26929.
36. Yang, S. P.; Zhao, W.; Hu, P. P.; Wu, K. Y.; Jiang, Z.-H.; **Bai, Li-Ping**; Li, M. M.; Chen, J. X. Lanthanum-Based Metal-Organic Frameworks for Specific Detection of Sudan Virus RNA Conservative Sequences down to Single-Base Mismatch. *Inorg Chem* **2017,** *56* (24), 14880-14887.
37. Sun, B.; Zhao, H. Q.; Xie, B. P.; **Bai, Li-Ping**; Jiang, Z.-H.; Chen, Jin Xiang. Sequence-specific fluorometric recognition of HIV-1 ds-DNA with zwitterionic zinc(II)-carboxylate polymers. *J Inorg Biochem* **2017,** *176*, 17-23.
38. Qiu, G. H.; Lu, W. Z.; Hu, P. P.; Jiang, Z.-H.; **Bai, Li-Ping**; Wang, T. R.; Li, M. M.; Chen, Jin Xiang\*. A metal-organic framework based PCR-free biosensor for the detection of gastric cancer associated microRNAs. *J Inorg Biochem* **2017,** *177*, 138-142.
39. Fan, Dongsheng; Zhou, Shuangyan; Zheng, Zhiyuan; Zhu, Guo-Yuan; Yao, Xiaojun; Yang, Ming Rong; Jiang, Zhi-Hong; **Bai, Li-Ping**\*. New Abietane and Kaurane Type Diterpenoids from the Stems of *Tripterygium regelii*. *International Journal of Molecular Sciences* **2017,** *18* (1), 147.
40. Xie, B.-P.#; Qiu, G.-H.#; Hu, P.-P.; Liang, Z.; Liang, Y.-M.; Sun, B.; **Bai, Li-Ping**; Jiang, Z.-H.; Chen, Jin-Xiang\*. Simultaneous detection of Dengue and Zika virus RNA sequences with a three-dimensional Cu-based zwitterionic metal–organic framework, comparison of single and synchronous fluorescence analysis. *Sensors and Actuators B: Chemical* **2017,** *254*, 1133-1140.
41. Yan, Fenggen; Yang, Fen; Wang, Rui; Yao, Xiao Jun; **Bai, Li-Ping**; Zeng, Xing; Huang, J.; Wong, V. Kam Wain; Lam, C. W.; Zhou, Hua; Su, Xiaohui; Liu, Juan; Li, Ting\*; Liu, Liang\*. Isoliquiritigenin suppresses human T Lymphocyte activation via covalently binding cysteine 46 of IkappaB kinase. *Oncotarget* **2017**, *8*(21), 34223-34235.
42. Wong, V. Kam Wai; Dong, Hang; Liang, Xu; **Bai, Li-Ping**; Jiang, Zhi-Hong; Guo, Y.; Kong, A. N. T.; Wang, R.; Kam, R. K. T.; Law, B. Yuen Kwan; Hsiao, W. W. L.; Chan, K. M.; Wang, Jing Rong; Chan, R. W. K.; Guo, J. R.; Zhang, W.; Yen, F. G.; Zhou, H.; Leung, E. L. H.; Yu, Z. L.; Liu, Liang\*. Rh2E2, a novel metabolic suppressor, specifically inhibits energy-based metabolism of tumor cells. *Oncotarget* **2016,** *7* (9), 9907-9924.
43. Wang, Jing-Rong; Tong, Tian Tian; Yau, Lee Fong; Chen, Cheng Yu; **Bai, Li-Ping**; Ma, Jing; Hu, Ming; Liu, Liang; Jiang, Zhi-Hong. Characterization of oxygenated metabolites of ginsenoside Rg1 in plasma and urine of rat. *J Chromatogr B Analyt Technol Biomed Life Sci* **2016,** *1026*, 75-86.
44. Parhira, Supawadee; Zhu, Guo-Yuan; Li, Ting; Liu, Liang; **Bai, Li-Ping**\*; Jiang, Zhi-Hong\*. Inhibition of IKK-beta by epidioxysterols from the flowers of *Calotropis gigantea* (Niu jiao gua). *Chinese Medicine* **2016,** *11*, 9.
45. Parhira, Supawadee; Zhu, Guo-Yuan; Chen, Ming; **Bai, Li-Ping**\*; Jiang, Zhi-Hong\*, Cardenolides from *Calotropis gigantea* as potent inhibitors of hypoxia-inducible factor-1 transcriptional activity. *Journal of Ethnopharmacology* **2016,** *194*, 930-936.
46. Li, Jin Xin; Sakata, A.; He, Han Ping; **Bai, Li-Ping**; Murata, A.; Dohno, C.; Nakatani, Kazuhiko\*. Naphthyridine-Benzoazaquinolone: Evaluation of a Tricyclic System for the Binding to (CAG)(n) Repeat DNA and RNA. *Chemistry-an Asian Journal* **2016,** *11* (13), 1971-1981.
47. Li, Jin Xin; Matsumoto, J.; **Bai, Li-Ping**; Murata, A.; Dohno, C.; Nakatani, Kazuhiko\*. A Ligand That Targets CUG Trinucleotide Repeats. *Chemistry-a European Journal* **2016,** *22* (42), 14881-14889.
48. Fan, Dong Sheng; Zhu, Guo-Yuan; Li, Ting; Jiang, Zhi-Hong\*; **Bai, Li-Ping**\*. Dimacrolide Sesquiterpene Pyridine Alkaloids from the Stems of Tripterygium regelii. *Molecules* **2016,** *21* (9), 1146.
49. Fan, Dong Sheng; Zhu, Guo-Yuan; Chen, Ming; Xie, Li Min; Jiang, Zhi-Hong; Xu, Liang; **Bai, Li-Ping**\*. Dihydro-beta-agarofuran sesquiterpene polyesters isolated from the stems of Tripterygium regelii. *Fitoterapia* **2016,** *112*, 1-8.
50. Fan, Dong Sheng; Parhira, Supawadee; Zhu, Guo-Yuan; Jiang, Zhi-Hong; **Bai, Li-Ping**\*. Triterpenoids from the stems of Tripterygium regelii. *Fitoterapia* **2016,** *113*, 69-73.
51. Chen, Cheng Yu; **Bai, Li-Ping**; Ke, Zhen Feng; Liu, Yan; Wang, Jing-Rong\*; Jiang, Zhi-Hong\*, G-Quadruplex DNA-binding quaternary alkaloids from Tylophora atrofolliculata. *RSC Advances* **2016,** *6* (115), 114135-114142.
52. Wang, Rui; Zhang, C. Y.; **Bai, Li-Ping**; Pan, Hui Dan; Shu, L. M.; Kong, A. N. T.; Leung, E. Lai Han; Liu, Liang; Li, Ting\*. Flavonoids derived from liquorice suppress murine macrophage activation by up-regulating heme oxygenase-1 independent of Nrf2 activation. *International Immunopharmacology* **2015,** *28* (2), 917-924.
53. Wang, Jing-Rong; Yau, Lei-Fong; Tong, Tian-Tian; Feng, Qi-Tong; **Bai, Li-Ping**, Ma, Jing; Hu, Ming; Liu, Liang; Jiang, Zhi-Hong\*. Characterization of Oxygenated Metabolites of Ginsenoside Rb1 in Plasma and Urine of Rat. *Journal of Agricultural and Food Chemistry* **2015,** *63*, 2689-2700.
54. Zhu, G.-Y.; Yao, X. J.; Liu, L.; **Bai, L.-P**.\*; Jiang, Z.-H.\*, Alistonitrine A, a Caged Monoterpene Indole Alkaloid from Alstonia scholaris. *Organic Letters* **2014,** *16* (4), 1080-1083.
55. Zhu, G.-Y.; Chen, G. Y.; Liu, L.; **Bai, L.-P.**\*; Jiang, Z.-H.\*, C-17 Lactam-Bearing Limonoids from the Twigs and Leaves of Amoora tsangii. *Journal of Natural Products* **2014,** *77* (4), 983-989.
56. Zhu, G.-Y.; **Bai, L.-P.**; Liu, L.\*; Jiang, Z.-H.\*, Limonoids from the fruits of Melia toosendan and their NF-kappa B modulating activities. *Phytochemistry* **2014,** *107*, 175-181.
57. Yang, Z. F.#; **Bai, L.-P.** #; Huang, W. B.; Li, X. Z.; Zhao, S. S.; Zhong, N. S.\*; Jiang, Z.-H.\*, Comparison of in vitro antiviral activity of tea polyphenols against influenza A and B viruses and structure-activity relationship analysis. *Fitoterapia* **2014,** *93*, 47-53.
58. Parhira, S.; Zhu, G.-Y.; Jiang, R. W.; Liu, L.; **Bai, L.-P.**\*; Jiang, Z.-H.\*, 2 '-Epi-uscharin from the Latex of Calotropis gigantea with HIF-1 Inhibitory Activity. *Scientific Reports* **2014,** *4*, 4748.
59. Parhira, S.; Yang, Z. F.; Zhu, G.-Y.; Chen, Q. L.; Zhou, B. X.; Wang, Y. T.; Liu, L.; **Bai, L.-P.**\*; Jiang, Z.-H.\*, In Vitro Anti-Influenza Virus Activities of a New Lignan Glycoside from the Latex of Calotropis gigantea. *Plos One* **2014,** *9* (8), e104544.
60. Law, B. Y. K.; Chan, W. K.; Xu, S. W.; Wang, J. R.; **Bai, L.-P.**; Liu, L.; Wong, V. K. W., Natural small-molecule enhancers of autophagy induce autophagic cell death in apoptosis-defective cells. *Scientific Reports* **2014,** *4*.
61. **Bai, L.-P**.; Liu, J.; Han, L.; Ho, H. M.; Wang, R. X.; Jiang, Z.-H.\*, Mass spectrometric studies on effects of counter ions of TMPyP4 on binding to human telomeric DNA and RNA G-quadruplexes. *Analytical and Bioanalytical Chemistry* **2014,** *406* (22), 5455-5463.
62. **Bai, L.-P.**; Hagihara, M.; Nakatani, K.; Jiang, Z.-H.\*, Recognition of Chelerythrine to Human Telomeric DNA and RNA G-quadruplexes. *Scientific Reports* **2014,** *4*, 6767.
63. **Bai, L.-P.**; Ho, H. M.; Ma, D. L.; Yang, H.; Fu, W. C.; Jiang, Z.-H.\*, Aminoglycosylation Can Enhance the G-Quadruplex Binding Activity of Epigallocatechin. *Plos One* **2013,** *8* (1), e53962.
64. Yang, W. G.; Wong, Y.; Ng, O. T. W.; **Bai, L.-P.**; Kwong, D. W. J.; Ke, Y.; Jiang, Z.-H.; Li, H. W.\*; Yung, K. K. L.\*; Wong, M. S.\*, Inhibition of Beta-Amyloid Peptide Aggregation by Multifunctional Carbazole-Based Fluorophores. *Angewandte Chemie-International Edition* **2012,** *51* (8), 1804-1810.
65. He, H.; **Bai, L.-P.**; Jiang, Z.-H.\*, Synthesis and human telomeric G-quadruplex DNA-binding activity of glucosaminosides of shikonin/alkannin. *Bioorganic & Medicinal Chemistry Letters* **2012,** *22* (4), 1582-1586.
66. Man, B. Y. W.; Chan, H. M.; Leung, C. H.; Chan, D. S. H.; **Bai, L.-P.**; Jiang, Z.-H.; Li, H. W.; Ma, D. L.\*, Group 9 metal-based inhibitors of beta-amyloid (1-40) fibrillation as potential therapeutic agents for Alzheimer's disease. *Chemical Science* **2011,** *2* (5), 917-921.
67. Ma, D. L.; Kwan, M. H. T.; Chan, D. S. H.; Lee, P.; Yang, H.; Ma, V. P. Y.; **Bai, L.-P.**; Jiang, Z.-H.; Leung, C. H., Crystal violet as a fluorescent switch-on probe for i-motif: label-free DNA-based logic gate. *Analyst* **2011,** *136* (13), 2692-2696.
68. Dong, H.#; **Bai, L.-P.** #; Wong, V. K. W.; Zhou, H.; Wang, J. R.; Liu, Y.; Jiang, Z.-H.\*; Liu, L.\*, The in Vitro Structure-Related Anti-Cancer Activity of Ginsenosides and Their Derivatives. *Molecules* **2011,** *16* (12), 10619-10630.
69. Chan, D. S. H.; Yang, H.; Kwan, M. H. T.; Cheng, Z.; Lee, P.; **Bai, L.-P.**; Jiang, Z.-H.; Wong, C. Y.; Fong, W. F.; Leung, C. H.\*; Ma, D. L.\*, Structure-based optimization of FDA-approved drug methylene blue as a c-myc G-quadruplex DNA stabilizer. *Biochimie* **2011,** *93* (6), 1055-1064.
70. Chu, C.; Xia, L.; **Bai, L.-P.**; Li, Q.; Li, P.; Chen, H. B.; Zhao, Z. Z.\*, Authentication of the 31 Species of Toxic and Potent Chinese Materia Medica by Light Microscopy, Part 3: Two Species of T/PCMM from Flowers and Their Common Adulterants. *Microscopy Research and Technique* **2009,** *72* (6), 454-463.
71. Xia, L.; **Bai, L.-P.**; Chu, C.; Li, P.; Jiang, Z.-H.; Zhao, Z. Z.\*, Authentication of the 31 species of Toxic and Potent Chinese Materia Medica (T/PCMM) by microscopic technique, Part 2: Three species of seed T/PCMM. *Microscopy Research and Technique* **2008,** *71* (4), 325-333.
72. **Bai, L.-P.**; Hagihara, M.; Jiang, Z.-H.\*; Nakatani, K.\*, Ligand Binding to Tandem G Quadruplexes from Human Telomeric DNA. *ChemBioChem* **2008,** *9* (16), 2583-2587.
73. **Bai, L.-P.**; Cai, Z. W.; Zhao, Z. Z.; Nakatani, K.; Jiang, Z.-H.\*, Site-specific binding of chelerythrine and sanguinarine to single pyrimidine bulges in hairpin DNA. *Analytical and Bioanalytical Chemistry* **2008,** *392* (4), 709-716.
74. Xia, L.; **Bai, L.-P.**; Yi, L.; Liu, B. B.; Chu, C.; Liang, Z. T.; Li, P.; Jiang, Z.-H.; Zhao, Z. Z.\*, Authentication of the 31 species of toxic and potent chinese materia medica (T/PCMM) by microscopic technique, part 1: Three kinds of toxic and potent animal CMM. *Microscopy Research and Technique* **2007,** *70* (11), 960-968.
75. Long, Y. H. #; **Bai, L.-P.** #; Qin, Y.; Pang, J. Y.; Chen, W. H.; Cai, Z. W.; Xu, Z. L.; Jiang, Z.-H., Spacer length and attaching position-dependent binding of synthesized protoberberine dimers to double-stranded DNA. *Bioorganic & Medicinal Chemistry* **2006,** *14* (13), 4670-4676.
76. **Bai, L.-P.**; Zhao, Z. Z.; Cai, Z. W.; Jiang, Z.-H.\*, DNA-binding affinities and sequence selectivity of quaternary benzophenanthridine alkaloids sanguinarine, chelerythrine, and nitidine. *Bioorganic & Medicinal Chemistry* **2006,** *14* (16), 5439-5445.
77. **Bai, L.-P.**; Jiang, H.; Kang, T.; Zhang, H.; Jiang, Z.-H.; Zhao, Z.\*, Pharmacognostical Evaluation of Arctii Fructus (5): Chemical Constituents from Fruits of Amorpha fruticosa L. *Natural Medicines* (The present journal name: *Journal of Natural Medicines*) **2004,** *58*, 275-277.

**著作 :**

1. 白麗萍（助編）,《天然產物資源化學》, 何蘭 姜志宏主編, 科學出版社,北京, 2008.
2. 白麗萍（編輯助理）,《百藥鑒別》,趙中振、李應生主編, 萬里機構萬里書店出版,香港, 2008.
3. 白麗萍（編輯助理）,《當代藥用植物典》第一、二卷, 趙中振、肖培根主編,香港賽馬會中藥研究院有限公司出版,香港, 2006.
4. 白麗萍（編輯助理）,《香港容易混淆中藥》,趙中振、李應生主編, 香港中藥聯商會督印,香港, 2005.

**研究項目:**

1) 2021.03-2023.03, 中藥新藥“玉蝴蝶祛斑膏”的質量標準提升及臨床研究，澳門科學技術發展基金與廣東省科技廳聯合科研資助項目 0043/2020/AGJ，104.8万澳门币，項目負責人

2) 2020.09-2023.09, 新型S1P1調節劑治療特發性肺纖維化的創新藥物研究，澳門科學技術發展基金與國家科技部聯合科研資助項目 0074/2019/AMJ，210.1万澳门币，項目負責人

3) 2020.04-2021.04, 抗新型冠狀病毒肺炎的特效中藥的研發，澳門科學技術發展基金項目 0064/2020/A，40.4万澳门币，項目負責人

4) 2020.01-2023.01, 融合人工智能和多組學技術開展川貝母等六種中藥的多維度質量控制研究，澳門科學技術發展基金重點研發項目 0023/2019/AKP，800万澳门币，子課題負責人

5) 2019.06-2022.06, 鹼性鞘磷脂脂質體的構建及其用於siRNA和化療藥物的聯合遞送研究，澳門科學技術發展基金 0004/2019/A1，270万澳门币，項目負責人

6) 2014.01-2018.01, Calotropis屬藥用植物中具有低氧誘導因子-1(HIF-1) 抑制活性的Cardenolide類成分研究, 澳門科學技術發展基金 056/2013/A2，304万澳门币，項目負責人

7) 2012.06-2014.11, 共價鍵修飾IKKβ的Epoxide類中藥化學成分的GSH追蹤分離及其抗炎活性評價, 澳門科學技術發展基金063/2011/A3 ，202.2万澳门币，項目負責人

8)2012.01-2012.12, ESI-TOF-MS和MALDI-TOF-MS技術對黃烷醇和黃酮醇化合物與澱粉樣多肽結合作用的比較研究, 澳門基金會 (#0205) ，8.5万澳门币，項目負責人

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**獎項**

* 2020年度澳門自然科學獎三等獎，藥物新靶標及中藥藥效物質的特徵性分子輪廓刻畫（項目編號012/2020/AN），排名第三 ，2020.10
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* 2013年度「澳科大中銀學術研究優秀獎」，2014.09
* 2016年度中珠醫療生命科學科研獎一等獎，2017.09
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