

## 白麗萍



職稱：副教授

學院/部門：中藥質量研究國家重點實驗室，澳門藥物及健康應用

研究院

電郵地址：[lpbai@must.edu.mo](mailto:lpbai@must.edu.mo)

電話：(853) 8897 2403

傳真：(853) 2888 0091

辦公室：H838b

郵寄地址：澳門氹仔偉龍馬路澳門科技大學 H 座 838 b 室

**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；活性有機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

2001.7 遼寧中醫藥大學中藥學（英語班, 五年制）學士學位

## **教學經驗:**

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

2011.9-2015.6 澳門科技大學中藥質量研究國家重點實驗室，助理教授

2010.10-2011.8 香港浸會大學中醫藥學院，高級研究助理

2008.10-2010.9 香港浸會大學中醫藥學院，研究助理

2006.10-2007.1

日本大阪大學產業科學研究所，訪問學者

2003.10-2005.4

香港浸會大學中醫藥學院，訪問學者

### 學術成果 (\*: 責任作者; #: 第一作者)

- 1) Liu, Qian-Bao<sup>#</sup>; Lu, Jing-Guang<sup>#</sup>; Jiang, Zhi-Hong<sup>\*</sup>; Zhang, Wei; Li, Wen-Jia; Qian, Zheng-Ming; **Bai, Li-Ping<sup>\*</sup>**. 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<sup>#</sup>; Lei, Kaiwai<sup>#</sup>; Kuok, Hioha<sup>#</sup>; Deng, Wende; Zhuang, Yuxing; Tang, Yanqing; Guo, Zhengyang; Qin, Hongyan<sup>\*</sup>; **Bai, Li-Ping<sup>\*</sup>**; Li, Ting<sup>\*</sup>. Synthesis and identification of lithocholic acid 3-sulfate as ROR $\gamma$ t ligand to inhibit Th17 cell differentiation. *Journal of Leukocyte Biology*, 2022, 1-9. DOI: 10.1002/JLB.1MA0122-513R.
- 3) Wang, Yue; Wu, Xuan; Sun, Jianfeng; Wang, Caiyuan; Zhu, Guoyuan; **Bai, Li-Ping**; Jiang, Zhi-Hong<sup>\*</sup>; Zhang, Wei<sup>\*</sup>. 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<sup>\*</sup>**. 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<sup>\*</sup>; **Bai, Li-Ping<sup>\*</sup>**. I<sub>2</sub>-Catalyzed Carbonylation of  $\alpha$ -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<sup>\*</sup>; Zhu Guo-Yuan<sup>\*</sup>. ( $\pm$ )-Atrachinenins A–C, three pairs of caged C<sub>27</sub> meroterpenoids from the rhizomes of *Atractylodes Chinensis*. *Chinese Journal of Chemistry*, **2022**, 40, 460-466.
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- 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 万澳門幣, 項目負責人
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### **學術機構及社會任職**

中國化學會 會員

世界中醫藥學會聯合會中藥免疫專業委員會 (常務理事)

世界中醫藥學會聯合會滿藥專業委員會 (常務理事)

澳門風濕病研究國際合作聯盟第一屆理事會 (常務理事) ;

### **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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