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簡介：

吳柏霖博士于 2011 年畢業於香港專業教育學院（沙田），獲應用及分析化學高級文憑，同年獲賀維雅基金會獎學金前往英國謝菲爾德大學升讀，於 2013 年獲得化學學士學位（一級榮譽）。2019 年畢業於香港大學化學系，獲得博士學位。讀博期間主要研究為有機合成及環加成反應。畢業後於澳門科技大學中藥品質研究國家重點實驗室從事博士後研究工作。2024 年 1 月受聘于澳門科技大學中藥品質研究國家重點實驗室擔任助理教授。吳博士現主要研究為抗癌和抗炎的藥物開發，包括中藥天然產物的結構修飾，其衍生物的構效關係及作用機理。

研究領域及方向：有機化學、藥物化學、開發抗癌和抗炎藥物等

學歷

2013 – 2019	香港大學	化學博士學位
2011 – 2013	英國謝菲爾德大學	化學學士學位（一級榮譽）
2009 – 2011	香港專業教育學院（沙田）	應用及分析化學高級文憑（優異）

工作經歷

2024 – 至今	澳門科技大學中藥質量研究國家重點實驗室	助理教授
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論文發表（#共同第一作者）

1. **Jerome P. L. Ng[#]**, Yun Xiao Yun[#], Ali Adnan Nasim, Alessandra Gianoncelli, Betty Yuan Kwan Law, Giovanni Ribaud^{*}, Vincent Kam Wai Wong^{*}, Paolo Coghi^{*}. Synthesis, docking studies and biological evaluation of 1*H*-1,2,3-triazole-7-chloroquinoline derivatives against SARS-CoV-2. *Bioorganic Chemistry*, **2023**, 141, 106882, doi: 10.1016/j.bioorg.2023.106882.

2. **Jerome P. L. Ng[#]**, Mohit K. Tiwari[#], Ali Adnan Nasim, Rui Long Zhang, Yuanqing Qu, Richa Sharma, Betty Yuen Kwan Law, Dharmendra K. Yadav, Sandeep Chaudhary, Paolo Coghi, Vincent Kam Wai Wong. Biological Evaluation in Resistant Cancer Cells and Study of Mechanism of Action of Arylvinyl-1,2,4-Trioxanes. *Pharmaceuticals*, **2022**, 15, 360, doi: 10.3390/ph15030360.
3. **Jerome P. L. Ng**, Yu Han, Li Jun Yang, Lyn-Marie Birkholtz, Dina Coertzen, Ho Ning Wong, Richard K. Haynes*, Paolo Coghi*, Vincent Kam Wai Wong*. Antimalarial and antitumour activities of the steroidal quinone-methide celastrol and its combinations with artemiside, artemisone and methylene blue. *Frontiers in Pharmacology*, **2022**, 13, 988748, doi: 10.3389/fphar.2022.988748.
4. Paolo Coghi[#], **Jerome P. L. Ng[#]**, Onat Kadioglu, Betty Yuen Kwan Law, Alena Congling Qiu, Mohamed E.M. Saeed, Xi Chen, Chi Kio Ip, Thomas Efferth, Liang Liu, Vincent Kam Wai Wong. Synthesis, computational docking and biological evaluation of celastrol derivatives as dual inhibitors of SERCA and P-glycoprotein in cancer therapy. *European Journal of Medicinal Chemistry*. **2021**, 224, 113676, doi: 10.1016/j.ejmech.2021.113676.
5. **Jerome P. L. Ng**, Paolo Coghi, Betty Yuen Kwan Law, Liang Liu, Vincent Kam Wai Wong. The present and future synthetic strategies of structural modifications of sinomenine. *Organic Chemistry Frontiers*, **2020**, 7, 4089-4107, doi: 10.1039/D0QO00785D.
6. Yoke Mooi Ng[#], Paolo Coghi[#], **Jerome P. L. Ng[#]**, Fayaz Ali, Vincent Kam Wai Wong, Carmine Coluccini. Synthesis and Coordination Properties of a Water-Soluble Material by Cross-Linking Low Molecular Weight Polyethyleneimine with Armed Cyclotrimeratrilene. *Polymers*, **2021**, 13, 4133, doi: 10.3390/polym13234133.
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8. Linna Wang, Baixiong Huang, Yaling Zeng, Jiujie Yang, Zhi Li, **Jerome P. L. Ng**, Xiongfei Xu¹, Lu Su, Xiaoyun Yun¹, Liqun Qu, Ruihong Chen, Weidan Luo, Yuping Wang, Chang Chen¹, Lijun Yang, Yuanqing Qu, Wei Zhang, Joyce Tsz Wai Chan, Xingxia Wang, Betty Yuen Kwan Law, Simon Wing Fai Mok, Sookja Kim Chung, Vincent Kam Wai Wong. N-Acetylcysteine overcomes epalrestat-mediated increase of toxic 4-hydroxy-2-nonenal and potentiates the anti-arthritic effect of epalrestat in AIA model. *International Journal of Biological Sciences*, **2023**, 19, 4082-4102, doi: 10.7150/ijbs.85028.
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13. Paolo Coghi, Ivan A. Yaremenko, Parichat Prommana, Jia Ning Wu, Rui Long Zhang, **Jerome P. L. Ng**, Yulia Yu Belyakova, Betty Yuen Kwan Law, Peter S. Radulov, Chairat Uthaiyibull*, Vincent Kam Wai Wong*, Alexander O. Terent'ev*. Antimalarial and Anticancer Activity Evaluation of Bridged Ozonides, Aminoperoxides, and Tetraoxanes. *ChemMedChem*, **2022**, 17, e202200328, doi: 10.1002/cmdc.202200328.
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23. Li Jun Yang, Rui Hong Chen, Sami Hamdoun, Paolo Coghi, **Jerome P. L. Ng**, David Wei Zhang, Xiaoling Guo, Chenglai Xia, Betty Yuen Kwan Law*, Vincent Kam Wai Wong*. Corilagin prevents SARS-CoV-2 infection by targeting RBD-ACE2 binding. *Phytomedicine*, **2021**, 87, 153591, doi: 10.1016/j.phymed.2021.153591.
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專利

1. Vincent Kam Wai Wong, Liang Liu, Paolo Coghi, Betty Yuen Kwan Law, **Jerome Pak Lam Ng**. Tripterine derivative and preparation method and application thereof. *CN patent*, **2021**, CN111848722B.

獎項

2016 – 2017	孔慶熒獎學金
2016	優秀教學助理獎
2011	賀維雅基金會獎學金
2011	香港金屬表面處理學會獎學金
2011	應用與分析化學學術卓越獎學金
2010 – 2011	香港專業教育學院（沙田）優異證書