

## 黃錦偉博士



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### 簡介:

黃錦偉博士於 2006 年在香港大學取得化學博士學位，繼而轉往香港浸會大學中醫藥學院擔任博士後研究一職，並於 2009 年獲晉升為研究助理教授，致力於抗炎及抗癌研究。2011 年 9 月獲聘任為澳門科技大學中藥質量研究國家重點實驗室助理教授，並擔任組學技術與創新藥物研究中心副主任一職，在 2015 年更破格升職為副教授，更在 2022 年晉升為正教授。

黃錦偉博士的研究範疇主要在腫瘤分子生物學，化學分子生物學與結構活性關係，以及 IKK- $\beta$  - NF- $\kappa$ B 炎症傳遞信號通路等。同時，黃博士也專注於研究細胞自體吞噬與抗癌抗腦神經退化及對抗耐藥耐凋亡等問題，如天然化合物的自噬抗癌抗炎功效，天然小分子 SERCA 抑制劑及 AMPK 激活劑的抗耐藥耐凋亡作用，人參總提取物及其單一小分子衍生物的抗癌療效，發現及剖析在 IKK- $\beta$  蛋白酶上最新的藥靶點等，並分別於多個國際期刊上發表超過 130 篇 SCI 研究文章；同時亦擔任 *Frontiers in Pharmacology* 的副編輯及 *Phytomedicine* 的編委；近十年間共獲資助項目總金額超過二千萬元澳門幣。在現階段，黃博士專注於研究抗癌基因 p53 及 P-糖蛋白(P-gp)導致關節炎耐藥等問題；此外，在諾獎實驗室支持下，與香港新創健康科技品牌 eefit 依飛共同研發醫療及健康產品，當中包括抗 2019 新冠病毒精油等。黃博士亦是 25 個國際專利擁有者之一。在 2013-2018 年間，分別榮獲澳門中銀學術研究優秀獎、高等學校科學研究優秀成果獎自然科學獎一等獎(團體獎)、並先後獲得澳門特別行政區科學技術獎自然科學獎二等獎及一等獎(團體獎)。

### 教研領域

教學科目: 生物化學、現代生物科技、中藥藥理實驗方法學、藥理實驗方法學、  
分子及生物學、臨床藥理學、藥理學實驗、生物化學及分子生物學、  
生物化學及分子生物學實驗、中醫學 / 生物醫學專題項目之醫學實驗  
方法

**研究方向:** 炎症及癌症、分子生物學、化學生物學

## 學歷

- 2006.9 香港大學化學博士學位
- 2002.8 香港科技大學生物學碩士學位
- 1999.6 香港科技大學生物化學學士學位

## 教學經驗

- 2022.7 – 今 澳門科技大學中藥品質研究國家重點實驗室教授
- 2015.7 – 2022.6 澳門科技大學中藥品質研究國家重點實驗室副教授
- 2011.9 – 2015.6 澳門科技大學中藥品質研究國家重點實驗室助理教授
- 2009.10 – 2011.8 香港浸會大學中醫藥學院研究助理教授
- 2006.12 – 2009.10 香港浸會大學中醫藥學院博士後研究員

## 學術成果(近 5 年)

1. Juan Chen, Zhen-Zhen Zhang, Si-yu Yuan, Hai-Bo Yu, Zhen Yang, Yi-Ping Qin, Ji-Hua Ren, Sheng-Tao Cheng, Fang Ren, Betty Yuen Kwan Law, **Vincent Kam Wai Wong**, Jerome Pak Lam Ng, Yu-Jiao Zhou, Xin He and Ming Tan. Pimobendan inhibits HBV transcription and replication by suppressing HBV promoters activity. *Front Pharmacol.* 2022 Jun 3;13:837115.
2. Zhenxiong Gao, Tingting Fan, Linbo Chen, Mengchu Yang, **Vincent Kam Wai Wong**, Dawei Chen, Zijian Liu, Yaoyao Zhou, Weibin Wu, Zixuan Qiu, Cunlong Zhang, Yuan Li, Yuyang Jiang. Design, Synthesis and Antitumor Evaluation of Novel 1H-indole-2-carboxylic Acid Derivatives Targeting 14-3-3 $\eta$  Protein. *European Journal of Medicinal Chemistry.* Volume 238, 5 August 2022, 114402

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5. Xiaoyun Yun, Yuhan Xie, Jerome P. L. Ng, Betty Yuen Kwan Law, Vincent Kam Wai Wong\*, and Paolo Coghi\*. 2-Bromo-3-((1-(7-chloroquinolin-4-yl)-1H-1,2,3-triazol-4-yl)-methoxy)-benzaldehyde. *Molbank* 2022(1), M1351; <https://doi.org/10.3390/M1351>
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9. Wen-Qiao Qiu; Wei Ai; Feng-Dan Zhu; Yue Zhang; Min-Song Guo; Betty Yuen-Kwan Law; Jian-Ming Wu; Vincent Kam-Wai Wong; Yong Tang; Lu Yu; Qi Chen; Chong-Lin Yu; Xiao-Gang Zhou; Da-Lian Qin, Anguo Wu. Polygala saponins inhibit NLRP3 inflammasome-mediated neuroinflammation via SHP2-Mediated mitophagy. *Free Redical Biology & Medicine*. 2021 Dec 20;179:76-94.

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13. Sha-Sha Cheng, Yuan-Qing Qu, Jia Wu, Guan-Jun Yang, Hao Liu, Wanhe Wang, Qi Huang, Feng Chen, Guodong Li, Chun-Yuen Wong, Vincent Kam Wai Wong\*, Dik-Lung Ma\*, Chung-Hang Leung\*. Inhibition of the CDK9–cyclin T1 protein–protein interaction as a new approach against triple-negative breast cancer. *Acta Pharmaceutica Sinica B*. Accepted
14. Hu-Qiang He, Yuan-Qing Qu, Cong-ling Qiu, Yu Han, Ivo Ricardo de Seabra Rodrigues Dias, Yong Liu, Jie Zhang, An-Guo Wu, Cheng-Wen Wu, Simon Wing Fai Mok, Yan-Zheng He\* and Vincent Kam Wai Wong\*. Suppression of Autophagy and Apoptosis Rescue Human Vascular Smooth Muscle Cells from AGEs-induced Calcification. *Frontiers in Pharmacology*. 20 October 2021 | <https://doi.org/10.3389/fphar.2021.692431>
15. Paolo Coghi, Li Jun Yang, Jerome P. L. Ng, Richard K. Haynes, Maurizio Memo, Alessandra Gianoncelli, Vincent Kam Wai Wong\* and Giovanni Ribaudo\*. A Drug Repurposing Approach for Antimalarials Interfering with SARS-CoV-2 Spike Protein Receptor Binding Domain (RBD) and Human Angiotensin-Converting Enzyme 2 (ACE2). *Pharmaceutics*. 2021, 14(10), 954; <https://doi.org/10.3390/ph14100954>
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30. Rui Hong Chen<sup>1\*</sup>, Li Jun Yang<sup>1\*</sup>, Sami Hamdoun<sup>1, 4</sup>, Sookja Kim Chung<sup>2</sup>, Christopher Wai-kei Lam<sup>2</sup>, Kai Xi Zhang<sup>1</sup>, Xiaoling Guo<sup>3</sup>, Chenglai Xia<sup>3</sup>, Betty Yuen Kwan Law<sup>1#</sup> and **Vincent Kam Wai Wong<sup>1#</sup>**. 1,2,3,4,6-Pentagalloyl glucose, a RBD-ACE2 binding inhibitor to prevent SARS-CoV-2 infection. *Front. Pharmacol* 12:634176. doi: 10.3389/fphar.2021.634176.
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9. 澳門科技大學防疫抗疫應急優秀團隊個人評選及表彰獎勵計劃 (2020)

10. 雲課堂教學傑出獎 (Outstanding Performance Award in Online Teaching)

11. 科學中國人雜誌訪問(2021 年 6 月): 找准人生“靶点” 实现科研梦想