

黄锦伟教授



职称: 教授

中药质量研究国家重点实验室助理主任
埃尔文内尔博士生物物理与创新药物实验室执行主任
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简介:

黄锦伟教授于 2006 年在香港大学取得化学博士学位, 在香港浸会大学中医药学院先后担任博士后研究员及研究助理教授, 致力于抗炎及抗癌研究。2011 年 9 月加入澳门科技大学中药质量研究国家重点实验室助理教授, 并担任组学技术与创新药物研究中心副主任一职, 2015 年破格升为副教授, 2022 年晋升为正教授。现担任澳门科技大学中药质量研究国家重点实验室助理主任及埃尔文内尔博士生物物理与创新药物实验室执行主任。

黄教授的研究范畴主要在炎症及肿瘤分子生物学, 以及化学分子生物学与结构活性关系等。黄教授专长于研究细胞自噬与抗癌抗脑神经退化及对抗耐药耐凋亡等问题, 如天然小分子 SERCA 离子通道抑制剂及 AMPK 激活剂的抗耐药耐凋亡作用; 黄教授近年更专注于研究抗癌基因 p53, 14-3-3 及 P-糖蛋白导致关节炎耐药等问题, 最近更成功破解中老年类风关高发率之谜, 并将研究成果发表在 *Nature Communications*。

黄教授担任 *Frontiers in Pharmacology* 的副编辑及 *Phytomedicine* 的编委; 近十年间共获资助项目总金额超过二千万澳门币; 并分别于多个国际期刊上发表超过 170 篇 SCI 研究文章。黄博士亦是 30 个国际专利拥有者之一。在 2013-2018 年间, 分别荣获澳门中银学术研究优秀奖、高等学校科学研究优秀成果奖自然科学奖一等奖(团体奖)、并先后获得澳门特别行政区科学技术奖自然科学奖二等奖及一等奖(团体奖)。同时亦是 2022 年全球前 2% 顶尖科学家(STANFORD UNIVERSITY)。

教研领域

教学科目: 生物化学、现代生物科技、中药药理实验方法学、药理实验方法学、分子及生物学、临床药理学、药理学实验、生物化学及分子生物学、生物化学及分子生物学实验、中医学 / 生物医学专题项目之医学实验方法

研究方向: 炎症及癌症、分子生物学、化学生物学

学历

2006.9 香港大学化学博士学位

2002.8 香港科技大学生物学硕士学位

1999.6 香港科技大学生物化学学士学位

教学经验

2022.7 – 今 澳门科技大学中药质量研究国家重点实验室教授

2015.7 – 2022.6 澳门科技大学中药质量研究国家重点实验室副教授

2011.9 – 2015.6 澳门科技大学中药质量研究国家重点实验室助理教授

2009.10 – 2011.8 香港浸会大学中医药学院研究助理教授

2006.12 – 2009.10 香港浸会大学中医药学院博士后研究员

学术成果(近 5 年)

1. Hui Miao Wang, Hong Juan Lai, An Guo Wu, Yong Tang, Lin Lin Song, Hang Hong Lo, Io Nam Wong, **Vincent Kam Wai Wong** & Betty Yuen-Kwan Law*. Melanogenic effects of 5-demethylnobiletin on mouse model of chemical-induced vitiligo. *Journal of Functional Foods*. <https://doi.org/10.1016/j.jff.2023.105962>
2. Ruihong Chen, Hang Hong Lo, Chenxu Yang, Betty Yuen Kwan Law, Xi Chen, Calista Chi In Lam, Charles Ho, Hio Lam Cheong, Qianzi Li, Chenyu Zhong, Jerome Pak Lam Ng, Cheung Kam Fai Peter and **Vincent Kam Wai Wong***. Natural small-molecules reverse Xeroderma Pigmentosum Complementation

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- Ding-qi Zhang*, Qin-hai Ma*, Meng-chu Yang*, Yulia Yu Beliakova, Zi-feng Yang, Peter S. Radulov, Rui-hong Chen, Li-jun Yang, Jing-yuan Wei, Yu Tong Peng, Wu Yan Zheng, Ivan A. Yaremenko, Alexander Terent'ev#, Paolo Coghi#, **Vincent Kam Wai Wong#**. Peroxide derivative as SARS-CoV2 entry inhibitors. *Viral Research*, 2023 Dec 12:340:199295.
 - Yaling Zeng, Jerome P. L. Ng, Linna Wang, Xiongfei Xu, Betty Yuen Kwan Law, Guobing Chen, Hang Hong Lo, Lijun Yang, Jiujiu Yang, Lei Zhang, Liqun Qu, Xiaoyun Yun, Jing Zhong, Ruihong Chen, Dingqi Zhang, Yuping Wang, Weidan Luo, Congling Qiu, Baixiong Huang, Wenfeng liu, Liang Liu*, **Vincent Kam Wai Wong***. Mutant p53^{R211*} ameliorates inflammatory arthritis in AIA rats via inhibition of TBK1-IRF3 innate immune response. *Inflammation Research*. 2023 Dec;72(12):2199-2219.
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 - Jialing Shen, Cheng Zhang, Yong Liu, Qianqian Wang, Pengyun Li, Runyu Liu, **Vincent Kam Wai Wong**, Chunxiang Zhang, xiaolei Sun. L-type calcium ion channel-mediated activation of autophagy in vascular smooth muscle cells via thonningianin A (TA) alleviates vascular calcification in type 2 diabetes mellitus. *European Journal of Pharmacology*. 2023 Nov 15:959:176084.
 - Liu, menghan, Tang, Yong, Qu, Li Qun, Song, Lin Lin, Lo, Hang Hong, Zhang, Rui Long, Yun, Xiaoyun, Wang, Hui-Miao, Chan, Joyce Tsz Wai, Wu, Jian Hui, Wang, Cai Ren, **Wong, Vincent Kam Wai**, Wu, An Guo, Law, Betty Yuen Kwan. Raddeanin A isolated from *Anemone raddeana* Regel improves pathological and cognitive deficits of the mice model of Alzheimer's disease by targeting β -amyloidosis. *Phytomedicine*. 122 (2024) 155121.
 - Jerome P. L. Ng§, Yun Xiao Yun§, Ali Adnan Nasim, Alessandra Gianoncelli, Betty Yuan Kwan Law, Giovanni Ribaudo*, **Vincent Kam Wai Wong*** and Paolo Coghi*. Synthesis, docking studies and biological evaluation of 1H-1,2,3-triazole-7-chloroquinoline derivatives against SARS-CoV-2. *Bioorganic Chemistry*. 2023 Dec:141:106882.
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35. Jerome Ng, Yu Han, Li Jun Yang, Lyn-Marie Birkholtz, Dina Coertzen, Ho Ning Wong, Richard K. Haynes*, Paolo Coghi* and 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 Sep 2;13:988748.
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39. Jerome P. L. Ng, Mohit K. Tiwari, Ali Adnan Nasim, Rui Long Zhang, Yuanqing Qu, Richa Sharma, Betty Yuen Kwan Law, Dharmendra Kumar Yadav*, Sandeep Chaudhary*, Paolo Coghi*, Vincent Kam Wai Wong*. Biological Evaluation in Resistant Cancer Cells and Study of Mechanism of Action of Arylviny-1,2,4-Trioxanes. *Pharmaceuticals* 2022, 15(3), 360
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学术书籍

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DOI: 10.5772/64274
2. Simon Wing Fai Mok, Betty Yuen Kwan Law, **Vincent Kam Wai Wong** and Liang Liu*

Immunotherapeutic approaches of rheumatoid arthritis and the implication on novel interventions for refractoriness, Immunotherapy, Dr. Seyyed Shamsadin Athari (Ed.),

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3. Yu Zhong Peng, Li Jun Yang, Hang Hong Lo, Betty Yuen Kwan Law, **Vincent Kam Wai Wong***.

Chapter 7: Tumor Therapeutic Modes

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Editors: Huang, Rongqin, Wang, Yi (Eds.).

Publisher: Springer Singapore; ISBN: 978-981-15-5158-1.

4. Jiu Jie Yang, Jerome P. L. Ng, Kaixi Zhang, Liang Liu*, **Vincent Kam Wai Wong***.

Pathogenic role of microRNA in rheumatoid arthritis. *Book Chapter in "Rheumatoid Arthritis"* edited by Prof. Hechmi Toumi (IntechOpen).

DOI: 10.5772/intechopen.99212

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学术奖项

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2. 2014 年度澳门特别行政区科学技术奖自然科学奖二等奖 (团体奖)
获奖项目: 中药 "三多" 特征的创新研究方法及其理论基础
获奖者: 刘良, 姜志宏, 王静蓉, 梁丽娴, 黄锦伟
3. 2015 年度高等学校科学研究优秀成果奖自然科学奖一等奖 (团体奖)
获奖项目: 中医药整体治疗的网络调节机理研究
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4. 2016 年度澳门特别行政区科学技术奖自然科学奖一等奖 (团体奖)
获奖项目: 类风湿关节炎的发病新机制和治疗新途径
获奖者: 刘良, 周华, 李婷, 王俊, 黄锦伟
5. 2016 中珠医疗生命科学科研一等奖
6. 2017 中珠医疗生命科学科研一等奖
7. 2018 高等学校科学研究优秀成果奖自然科学奖一等奖 (团体奖)

获奖项目：抑制细胞增殖与分化异常的新机制研究

获奖者：黄锦伟（第 12 完成人）

奖励等级：自然科学奖一等奖

奖励日期：2019 年 1 月

证书号：2018-056

8. Zhongzhu Awards for Life Science Recognizing First Prize in Service 中珠医疗
生命科学科研 二等奖 2018

9. 澳门科技大学防疫抗疫应急优秀团队个人评选及表彰奖励计划 (2020)

云课堂教学杰出奖 (Outstanding Performance Award in Online Teaching)

10. 科学中国人杂志访问(2021 年 6 月): 找准人生“靶点” 实现科研梦想