

Dr FU Xiuqiong 符秀琼博士

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Dr Fu Xiuqiong received her bachelor's and master's degrees from Southern Medical University in 2009 and 2012 respectively. In 2017, she earned her Ph.D. in Pharmacy in Chinese Medicine from Hong Kong Baptist University. Following her doctoral studies, she undertook postdoctoral training and subsequently served as a Research Assistant Professor at the School of Chinese Medicine of HKBU. Her research interests focus on the anticancer properties of Chinese medicines and novel pathogenic factors in cancer. Dr Fu has published over 80 papers in international journals, obtained three patents and has served as an investigator for more than 20 research projects.

符秀琼博士先後於 2009 年和 2012 年獲南方醫科大學醫學學士及碩士學位，2017 年獲香港浸會大學中藥學博士學位。畢業後，她在浸大中醫藥學院從事博士後研究，及後擔任研究助理教授。她的研究聚焦中藥抗癌藥理與癌症發病機制。符博士在國際期刊發表論文 80 餘篇，獲得三項專利，參與或主導超過 20 項科研項目。

Selected Publications 精選出版物

1. Wang XQ, Yu XF, Li AS, Han RX, Wang L, Wu JY, Wu Y, He JJ, Liu B, Tsui WM, Lu GH, Mo H, **Fu XQ***, Yu ZL*. Parthenolide inhibits Hsp90 α ATPase activity and overcomes acquired BRAF-inhibitor resistance in cutaneous melanoma. *Phytomedicine*. 2025 Oct;146:157151. **IF: 8.3 (2025) (Co-corresponding author)**
2. Wu Y, Wu JY, Bai JX, Wang XQ, Li AS, Fan XY, Han RX, Wang L, Dou X, **Fu XQ***, Yu ZL*. Macrophage and keratinocyte cell assays suggest that the supercritical CO₂ extract of black soybean possesses anti-inflammatory and skin barrier-protective effects. *Food Res Int*. 2025 Oct;218:116824. **IF: 8.0 (2025) (Co-corresponding author)**
3. He J, Wong LY, Chen S, Zhang SJ, Chen W, Bai JX, Wang L, Wang XQ, Li SA, Li Q, **Fu XQ***, Yu ZL*. Inhibition of the PI3K/AKT signaling pathway contributes to the anti-renal cell carcinoma effects of deoxyelephantopin. *Biomed Pharmacother*. 2025 Jun;187:118136. **IF: 7.5 (2025) (Co-corresponding author)**
4. Wu Y, Wang XQ, Wu JY, Chen YJ, Bai JX, Li AS, Fan XY, Wong LY, Wang L, **Fu XQ***, Yu ZL*. A tri-compound formula comprising Ginsenoside Rg1, tetrandrine and icariin alleviates atopic dermatitis symptoms in a mouse model. *Phytomedicine*. 2025 Jun;141:156737. **IF: 8.3 (2025) (Co-corresponding author)**

5. Tam NY, Wang X, Chan GCY, Kong WP, Chau WY, **Fu X**, Wong KY, Lung HL, Yu ZL, Aik WS. Development of a Modular Ribonucleoprotein Complex as a General Strategy to Deliver RNAi Therapeutics. *Adv Healthc Mater*. 2025 Jul 23:e03281. **IF: 9.6** (2025)
6. Li T, Liu Y, Duan T, Guo C, Liu B, **Fu X**, Wang L, Wang X, Dong X, Wang C, Lu Y, Wang Y, Shi L, Tian H, Yang X. Nondigestible stachyose binds membranous HSP90 β on small intestinal epithelium to regulate the exosomal miRNAs: A new function and mechanism. *Cell Metab*. 2025 Feb 4;37(2):345-360.e6. **IF: 30.9** (2025).
7. Huang AS, Wu J, Amin A, **Fu XQ***, Yu ZL*. Traditional Chinese medicine in treating upper digestive tract cancers. *Mol Cancer*. 2024 Nov 8;23(1):250. (**Co-corresponding author**) **IF: 27.7** (2024).
8. Chen W, Yu JW, Deng YY, Wong LY, Wang C, Liang YL, Leung YT, Tian JY, Wu Y, Leung KS, Hu J, Chen WH, Dou X, **Fu XQ**, Chen YJ, Yu ZL. Identification of sedative-hypnotic compounds shared by five medicinal Polyporales mushrooms using UPLC-Q-TOF-MS/MS-based untargeted metabolomics. *Phytomedicine*. 2024 Jun;128:155355. **IF: 6.7** (2024).
9. Ju L, Diao J, Zhang J, Dai F, Zhou H, Han Z, Hu R, Pei T, Wang F, He Z, **Fu X**, Wang M, Xiao W, Ma Y. Shenshuai Yingyang Jiaonang ameliorates chronic kidney disease-associated muscle atrophy in rats by inhibiting ferroptosis mediated by the HIF-1 α /SLC7A11 pathway. *Heliyon*. 2024 Apr 15;10(8):e29093. **IF: 3.4** (2024)
10. Diao J#, Fan H#, Zhang J#, **Fu X#**, Liao R, Zhao P, Huang W, Huang S, Liao H, Yu J, Pan D, Wang M, Xiao W, Wen X. Activation of APE1 modulates Nrf2 protected against acute liver injury by inhibit hepatocyte ferroptosis and promote hepatocyte autophagy. *Int Immunopharmacol*. 2024 Feb 15;128:111529. (**Co-first author**) **IF: 4.8** (2024)
11. Chen JL, Xiao YH, Wang KJ, **Fu XQ**, Fan YY, Hossen MJ, Chen YJ, Bai WB, Yu ZL, Xu, BJ. Sea bass (*Lateolabrax maculatus*) exerts anti-ulcerative colitis effects through gut microbiota modulation. *Food Frontiers*. 2024 Jan;5:522-534. **IF: 7.4** (2024)
12. Huang AS, Tong BC, Hung HC, Wu AJ, Ho OK, Kong AH, Leung MM, Bai J, **Fu X**, Yu Z, Li M, Leung TF, Mak JC, Leung GP, Cheung KH. Targeting calcium signaling by inositol trisphosphate receptors: A novel mechanism for the anti-asthmatic effects of *Houttuynia cordata*. *Biomed Pharmacother*. 2023 Aug;164:114935. **IF: 6.9** (2023)
13. Chen W, Deng YY, Yu JW, Leung YT, Bai JX, Chen YJ, Wu Y, Wang L, Fan XY, Wang XQ, Hu J, Chen WH, Dou X, Leung KS, **Fu XQ***, Yu ZL*. A tri-herb formulation protects against ethanol-induced mouse liver injury and downregulates mitogen-activated protein kinase phosphatase 1. *Phytomedicine*. 2023 Jun;114:154802. (**Co-corresponding author**) **IF: 7.9** (2022)
14. Liu YX, Chen YJ, Xu BW, **Fu XQ**, Ding WJ, Li SA, Wang XQ, Wu JY, Wu Y, Dou X, Liu B, Yu ZL*. Inhibition of STAT3 signaling contributes to the anti-melanoma effects of chrysoeriol. *Phytomedicine*, 2023 Jan, 109: 154572. **IF: 7.9** (2022)
15. 丁卓然 · 吳瑩 · 符秀琼 · 禹志領. 基於網絡藥理學探討靈芝治療特應性皮炎的分子作用機制及有效成分. *香港中醫雜誌*, 2023. 1(18):12.

16. Khan SA, Wu Y*, Li AS, **Fu XQ***, Yu ZL*. Network pharmacology and molecular docking-based prediction of active compounds and mechanisms of action of *Cnidii Fructus* in treating atopic dermatitis. *BMC Complement Med Ther*. 2022 Oct 19;22(1):275. (Co-corresponding author) IF: 3.9 (2022)
17. 鄧筠瑜 · 童雪 · **符秀琼*** · 禹志領. 港澳地區中藥炮製研究概況. 香港中醫雜誌, 2022. 4(17):17. (Corresponding author)
18. Li T#, **Fu X#**, Liu B#, Wang X, Li J, Zhu P, Niu X, Bai J, Liu Y, Lu X, Yu ZL. Luteolin binds Src, promotes STAT3 protein ubiquitination and exerts anti-melanoma effects in cell and mouse models. *Biochem Pharmacol*. 2022 Jun;200:115044. (Co-first author) IF: 5.8 (2022)
19. Liu YX, Xu BW, Niu XD, Chen YJ, **Fu XQ**, Wang XQ, Yin CL, Chou JY, Li JK, Wu JY, Bai JX, Wu Y, Li SM, Yu ZL. Inhibition of Src/STAT3 signaling-mediated angiogenesis is involved in the anti-melanoma effects of dioscin. *Pharmacol Res*. 2022 Jan;175:105983. IF: 9.3 (2022)
20. Amin A, Hossen MJ, **Fu XQ**, Chou JY, Wu JY, Wang XQ, Chen YJ, Wu Y, Yin CL, Dou XB, Liang C, Chou GX, Yu ZL. Inhibition of the Akt/NF-κB pathway is involved in the anti-gastritis effects of an ethanolic extract of the rhizome of *Atractylodes macrocephala*. *J Ethnopharmacol*. 2022 Apr 2;293:115251. IF: 5.4 (2022)
21. Wu JY, Chen YJ, **Fu XQ**, Li JK, Chou JY, Yin CL, Bai JX, Wu Y, Wang XQ, Li AS, Wong LY, Yu ZL. Chrysoeriol suppresses hyperproliferation of rheumatoid arthritis fibroblast-like synoviocytes and inhibits JAK2/STAT3 signaling. *BMC Complement Med Ther*. 2022 Mar 16;22(1):73. IF: 3.9 (2022)
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23. Yin C, **Fu X**, Chou J, Li J, Chen Y, Bai J, Wu J, Wu Y, Wang X, Yu ZL. A proprietary herbal drug Young Yum Pill ameliorates chronic fatigue syndrome in mice. *Phytomedicine*. 2021;88:153602. IF: 5.34 (2021)
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25. Wang Y#, Liu B#, **Fu X#**, Tong T, Yu Z. Efficacy and safety of Si-Jun-Zi-Tang-based therapies for functional (non-ulcer) dyspepsia: a meta-analysis of randomized controlled trials. *BMC Complement Med Ther*. 2021;21:11. (Co-first author) IF: 2.838 (2021)
26. Li JK, Chou JY, Yin CL, **Fu XQ**, Wu Y, Chen YJ, Bai JX, Wu JY, Liang C, Yu ZL. A two-herb formula inhibits STAT3 signaling and exerts anti-melanoma effects in cell and animal models. *J Ethnopharmacol*. 2021;268:113671. IF: 4.36. (2021)
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28. Wang YP#, **Fu XQ#**, Yin CL, Chou JY, Liu YX, Bai JX, Chen YJ, Wu Y, Wu JY, Wang XQ, Liu B, Yu ZL. A traditional Chinese medicine formula inhibits tumor

- growth in mice and regulates the miR-34b/c-Met/ β -catenin pathway. *J Ethnopharmacol.* 2020;260:113065. (Co-first author) IF: 4.36 (2020)
29. Fu XQ[#], Liu B[#], Wang YP, Li JK, Zhu PL, Li T, Tse KW, Chou JY, Yin CL, Bai JX, Liu YX, Chen YJ, Yu ZL. Activation of STAT3 is a key event in TLR4 signaling-mediated melanoma progression. *Cell Death Dis.* 2020;11:246. (First author) IF: 8.469 (2020)
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- effects of an herbal formula comprising Sophorae Flos and Lonicerae Japonicae Flos in melanoma. *Phytomedicine*. 2019;64:153084. **IF: 4.268** (2019)
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- differentiation in vitro by inhibiting GSK3 β activity. *Cell Death Discov.* 2018;4:48. **IF: 4.114** (2018)
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