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教學科目：病理生理學、藥學英語、分子藥理學等

研究方向：表觀遺傳藥理學、新藥研發和產業化

工作經驗：

2024.06-至今：澳門科技大學，助理教授

2023.06-2024.05：澳門科技大學，博士後

2014.11-2024.05：貴州中醫藥大學，助教，講師

2017.07-2018.01：美國內布拉斯加大學醫學中心（UNMC）訪問學者

2012.08-2012.10：日本北海道大學訪問學者

學歷：

2019.09-2022.08：澳門科技大學博士

2011.09-2014.02：澳門大學碩士

2007.09 -2011.07：河北醫科大學學士

學術/社會兼職:

貴澳中醫藥創新（轉化）聯合實驗室副主任

中國藥理學會表觀遺傳藥理學專業委員會委員

粵港澳大灣區新藥產業化聯盟秘書長

獎項:

第十一屆亞洲藥學院校聯合會 (AASP) 青年學者比賽冠軍（2023）

學術成果:

1. **Ding, Q.**, Hu, W., Wang, R., Yang, Q., Zhu, M., Li, M., Cai, J., Rose, P., Mao, J., & Zhu, Y. Z. (2023). Signaling pathways in rheumatoid arthritis: implications for targeted therapy. *Signal transduction and targeted therapy*, 8(1), 68. <https://doi.org/10.1038/s41392-023-01331-9>. (IF:39.3)
2. **Ding, Q.**, Song, W., Zhu, M., Yu, Y., Lin, Z., Hu, W., Cai, J., Zhang, Z., Zhang, H., Zhou, J., Lei, W., & Zhu, Y. Z. (2024). Hydrogen Sulfide and Functional Therapy: Novel Mechanisms from Epigenetics. *Antioxidants & redox signaling*, 40(1-3), 110–121. <https://doi.org/10.1089/ars.2023.0425>. (IF:6.6)
3. **Ding, Q.**, Shao, C., Rose, P., & Zhu, Y. Z. (2020). Epigenetics and Vascular Senescence-Potential New Therapeutic Targets?. *Frontiers in pharmacology*, 11, 535395. <https://doi.org/10.3389/fphar.2020.535395>. (IF:5.6)
4. **Ding, Q.**, & Zhu, Y. Z. (2021). The Cardiovascular Effects of Hydrogen Sulfide: The Epigenetic Mechanisms. *Advances in*

experimental medicine and biology, 1315, 181–203.

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5. **Ding, Q.**, Bao, J., Zhao, W., Lu, J., Zhu, H., & Chen, X. (2016).

Ethanol enhances cucurbitacin B-induced apoptosis by inhibiting cucurbitacin B-induced autophagy in LO2 hepatocytes. *Molecular & Cellular Toxicology*, 12(1), 29-36. 6.

6. **Ding, Q.**, Bao, J., Zhao, W., Hu, Y., Lu, J., & Chen, X. (2015). Natural

autophagy regulators in cancer therapy: a review. *Phytochemistry Reviews*, 14(1), 137-154.

7. Hu, W., Li, M., Sun, W., Li, Q., Xi, H., Qiu, Y., Wang, R., **Ding, Q.**,

Wang, Z., Yu, Y., Lei, H., Mao, Y., & Zhu, Y. Z. (2022). Hirsutine ameliorates hepatic and cardiac insulin resistance in high-fat diet-induced diabetic mice and in vitro models. *Pharmacological research*, 177, 105917.

<https://doi.org/10.1016/j.phrs.2021.105917>

8. Huang, C., Lin, Z., Liu, X., **Ding, Q.**, Cai, J., Zhang, Z., Rose, P., &

Zhu, Y. Z. (2022). HDAC4 Inhibitors as Antivascular Senescence Therapeutics. *Oxidative medicine and cellular longevity*, 2022, 3087916.

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9. Lin, Z., **Ding, Q.**, Li, X., Feng, Y., He, H., Huang, C., & Zhu, Y. (2022).

Targeting Epigenetic Mechanisms in Vascular Aging. *Frontiers in cardiovascular medicine*, 8, 806988.

<https://doi.org/10.3389/fcvm.2021.806988>.

10. Zhu, M., **Ding, Q.**, Lin, Z., Fu, R., Zhang, F., Li, Z., Zhang, M., & Zhu, Y. (2023). New Targets and Strategies for Rheumatoid Arthritis: From Signal Transduction to Epigenetic Aspect. *Biomolecules*, 13(5), 766. <https://doi.org/10.3390/biom13050766>.
11. Zhu, M., **Ding, Q.**, Lin, Z., Chen, X., Chen, S., & Zhu, Y. (2021). New insights of epigenetics in vascular and cellular senescence. *Journal of translational internal medicine*, 9(4), 239–248. <https://doi.org/10.2478/jtim-2021-0049>.
12. Hu, W., Yan, G., **Ding, Q.**, Cai, J., Zhang, Z., Zhao, Z., Lei, H., & Zhu, Y. Z. (2022). Update of Indoles: Promising molecules for ameliorating metabolic diseases. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 150, 112957. <https://doi.org/10.1016/j.biopha.2022.112957>.
13. Chen, X., Bao, J., Guo, J., **Ding, Q.**, Lu, J., Huang, M., & Wang, Y. (2012). Biological activities and potential molecular targets of cucurbitacins: a focus on cancer. *Anti-cancer drugs*, 23(8), 777–787. <https://doi.org/10.1097/CAD.0b013e3283541384>.
14. Lin, Y., Zhao, W. R., Shi, W. T., Zhang, J., Zhang, K. Y., **Ding, Q.**, Chen, X. L., Tang, J. Y., & Zhou, Z. Y. (2020). Pharmacological Activity, Pharmacokinetics, and Toxicity of Timosaponin AIII, a Natural Product Isolated From *Anemarrhena asphodeloides* Bunge: A Review. *Frontiers in pharmacology*, 11, 764. <https://doi.org/10.3389/fphar.2020.00764>.

15. Wang, R., Li, M., **Ding, Q.**, Cai, J., Yu, Y., Liu, X., Mao, J., & Zhu, Y. Z. (2021). Neuron navigator 2 is a novel mediator of rheumatoid arthritis. *Cellular & molecular immunology*, 18(9), 2288–2289. <https://doi.org/10.1038/s41423-021-00696-7>.
16. Wang, R., Cai, J., Chen, K., Zhu, M., Li, Z., Liu, H., Liu, T., Mao, J., **Ding, Q.**, & Zhu, Y. Z. (2022). STAT3-NAV2 axis as a new therapeutic target for rheumatoid arthritis via activating SSH1L/Cofilin-1 signaling pathway. *Signal transduction and targeted therapy*, 7(1), 209. <https://doi.org/10.1038/s41392-022-01050-7>.
17. Li, M., Hu, W., Wang, R., Li, Z., Yu, Y., Zhuo, Y., Zhang, Y., Wang, Z., Qiu, Y., Chen, K., **Ding, Q.**, Qi, W., Zhu, M., & Zhu, Y. (2022). Sp1 S-Sulfhydration Induced by Hydrogen Sulfide Inhibits Inflammation via HDAC6/MyD88/NF- κ B Signaling Pathway in Adjuvant-Induced Arthritis. *Antioxidants* (Basel, Switzerland), 11(4), 732. <https://doi.org/10.3390/antiox11040732>.
18. Yu, Y., Wang, Z., **Ding, Q.**, Yu, X., Yang, Q., Wang, R., Fang, Y., Qi, W., Liao, J., Hu, W., & Zhu, Y. (2021). The Preparation of a Novel Poly(Lactic Acid)-Based Sustained H₂S Releasing Microsphere for Rheumatoid Arthritis Alleviation. *Pharmaceutics*, 13(5), 742. <https://doi.org/10.3390/pharmaceutics13050742>.
19. Yu, Y., Yang, Q., Wang, Z., **Ding, Q.**, Li, M., Fang, Y., He, Q., & Zhu, Y. Z. (2021). The Anti-Inflammation and Anti-Nociception Effect of

Ketoprofen in Rats Could Be Strengthened Through Co-Delivery of a H₂S Donor, S-Propargyl-Cysteine. *Journal of inflammation research*, 14, 5863–5875. <https://doi.org/10.2147/JIR.S333326>.

20. Yu, Y., Wang, Z., Yang, Q., **Ding, Q.**, Wang, R., Li, Z., Fang, Y., Liao, J., Qi, W., Chen, K., Li, M., & Zhu, Y. Z. (2021). A novel dendritic mesoporous silica based sustained hydrogen sulfide donor for the alleviation of adjuvant-induced inflammation in rats. *Drug delivery*, 28(1), 1031–1042. <https://doi.org/10.1080/10717544.2021.1921075>.

21. Chen, X. P., Lu, J. J., Guo, J. J., Bao, J. L., Xu, W. S., **Ding, Q.**, & Wang, Y. T. (2012). Yao xue xue bao = *Acta pharmaceutica Sinica*, 47(11), 1423–1427.

22. 朱依諄, 丁倩, 蔡江紅, 一種組蛋白甲基轉移酶 SMYD3 小分子抑制劑的合成方法及用途, 中國授權專利, CN114246851B.