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Post-doctoral Fellow
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CONTACT INFORMATION

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ACADEMIC QUALIFICATIONS

Sep. 2016 – Nov.2020 The University of Hong Kong, Hong Kong S.A.R.
Awarded Doctor of Philosophy
(Major in Pharmacology of Chinese herbal Medicine)
Sep. 2009 – Jul. 2012 China Pharmaceutical University, NanJing, China
Awarded Master Degree in Science
(Major in Basic integrated Chinese and Western medicines)
Sep. 2005 – Jul. 2009 Shenyang Pharmaceutical University, Shenyang, China.
Awarded Bachelor Degree in Science
(Major in Traditional Chinese medicines)

POSITIONS HELD

Mar. 2021 – Present Post-doctoral Fellow in School of Chinese Medicine
The University of Hong Kong
Aug. 2012 – Aug.2016 Research Assistant in Shanghai Institute of Pharmaceutical
Industry

RESEARCH INTEREST

Pharmacology and Chemical analysis of Chinese herbal Medicine

PUBLICATIONS

First authorship

[1] **Xu Y**, Wang N, Tan HY, Li S, Zhang C, Zhang ZJ, Feng Y*. *Panax notoginseng* saponins modulate the gut microbiota to promote thermogenesis and beige adipocyte reconstruction via leptin-mediated AMPK α /STAT3 signaling in diet-induced obesity. *Theranostics* 2020; 10(24):11302-11323. doi:10.7150/thno.47746 (**IF:8.579**).

- [2] **Xu Y**, Wang N, Tan HY, Li S, Zhang C, Feng Y*. The gut-liver axis modulation of *Panax Notoginseng Saponins* in Non-alcoholic fatty liver disease. *Hepatology International*, 2021. DOI: 10.1007/s12072-021-10138-1 (Accepted, **IF:5.102**);
- [3] **Xu Y**, Wang N, Tan HY, Li S, Zhang C, Feng Y*. Function of *Akkermansia muciniphila* in obesity: interactions with lipid metabolism, immune response and gut systems. *Front Microbiol.* 2020; 11: 219 (**IF=4.235**);
- [4] **Xu Y.**, W. Guo, C. Zhang, F. Chen, H.Y. Tan, S. Li, N. Wang and Y. Feng*. Herbal Medicine in the Treatment of Non-Alcoholic Fatty Liver Diseases-Efficacy, Action Mechanism, and Clinical Application. *Frontiers in Pharmacology.* 11: 2020 (**IF=4.225**)
- [5] **Xu Y**, Wang N, Tan HY, Li S, Zhang C, Feng Y (2019). An overview on common metal toxicology in quality control of Chinese medicine. Debasis Bagchi and Manashi Bagchi (Eds), *The Metal Toxicology Encyclopedia* by CRC Press (**Book chapters**)
- [6] **Xu Y**, Tan HY, Li S, Wang N, Feng Y*. *Panax notoginseng* for Inflammation-Related Chronic Diseases: A Review on the Modulations of Multiple Pathways. *Am J Chin Med.* 2018; 5:1-26 (**IF:3.682**);
- [7] **Xu Y**, Liu Ji-Hua, Wang Jing, Zhang Jian, Yu Bo-Yang*. A monoclonal antibody-based competitive ELISA for the determination of Ruscogenin in Chinese traditional medicines and biological samples. *Chin J Nat Med.* 2014;12(10):794-9 (**IF:2.014**);

Co-authorship

- [1] Wang N, Tan HY, Li S, Wang D, **Xu Y**, Zhang C, Xia W, Che CM, Feng Y. SBP2 deficiency in Adipose Tissue Macrophages drives insulin resistance in obesity. 2019;5(8). (**IF:13.116**).
- [2] Lan XM, She JC, Lin DA, **Xu Y**, Li X, Yang WF, Lui VWY, Jin LJ, Xie X, Su YX. Microneedle-Mediated Delivery of Lipid-Coated Cisplatin Nanoparticles for Efficient and Safe Cancer Therapy. 2018;10(39):33060-33069. (**IF:8.758**).
- [3] Wang N, Tan HY, Li S, **Xu Y**, Guo W, Feng Y. Supplementation of Micronutrient Selenium in Metabolic Diseases: Its Role as an Antioxidant. *Oxid Med Cell Longev.* 2017;7478523. (**IF:5.076**)
- [4] Zhang C, Wang N, **Xu Y**, Li S, Tan HY, Feng Y. Molecular Mechanisms involved in Oxidative Stress-Associated Liver Injury induced by Chinese Herbal Medicine: A Literature Review and Network Pharmacology Study. 2018; 13;19(9). (**IF: 4.556**)
- [5] Zhang C, **Xu Y**, Tan HY, Li S, Wang N, Zhang Y, Feng Y. Neuroprotective effect of He-Ying-Qing-Re formula on retinal ganglion cell in diabetic retinopathy. *J Ethnopharmacol.* 2018; 214:179-189. (**IF:3.69**)
- [6] Liu Q, Lu L, Hua ML, **Xu Y**, Xiong HR. Jiawei-Yupingfeng-Tang, a Chinese herbal formula, inhibits respiratory virus infection in vitro and in vivo. 2013 Nov 25;150(2):521-8. (**IF:3.69**)
- [7] Liu CC, Xu YH, Yuan Shuai, **Xu Y**, Hua Mo-Li. An enzyme-linked immunosorbent assay for monoester-type aconitic alkaloids and its application in the pharmacokinetic study of benzoylhypaconine in rats. 2018;20(4):352-360. (**IF:1.345**)

Conference Abstract

- [1] **Xu Y**, Wang N, Feng Y. *Panax Notoginseng* saponins Promotes White Adipose Browning and Decreases Obesity by Shaping the Gut Microbiota. 18th Meeting of Consortium for Globalization of Chinese Medicine (CGCM). Oral Presentation, China. August 7-10, 2019.

[2] **Xu Y**, Wang N, Feng Y. Promotion of browning white adipose tissue by Panax Notoginseng saponins associated with gut microbe interaction. Awarded outstanding oral presentation. International postgraduate symposium in Chinese Medicine in Hong Kong, August 11, 2019.

[3] **Xu Y**, Wang N, Feng Y. Panax Notoginseng and Chronic Metabolic Diseases: its anti-obesity effects in mouse with high fat diet. 12th Pong Ding Yuen International Symposium on Traditional Chinese Medicine - Drug Discovery from Chinese Medicines: Strategies for Complicated Diseases in Hong Kong, December 1-3, 2017.

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聯絡方法

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學歷

2016-09 至 2020-11, 香港大學, 中醫藥學院, 博士
2009-09 至 2012-06, 中國藥科大學, 中西醫結合(藥學), 碩士
2005-09 至 2009-06, 沈陽藥科大學, 中藥學專業, 學士

職務

2021.03-至現在 香港大學, 中醫藥學院, 博士後研究員
2012-07 至 2016-06 中國醫藥工業研究總院, 中藥部門, 助理研究員

研究領域

中藥藥理以及中藥成分鑒定

發表著作

第一作者

- [1] **Xu Y**, Wang N, Tan HY, Li S, Zhang C, Zhang ZJ, Feng Y*. *Panax notoginseng* saponins modulate the gut microbiota to promote thermogenesis and beige adipocyte reconstruction via leptin-mediated AMPK α /STAT3 signaling in diet-induced obesity. *Theranostics* 2020; 10(24):11302-11323. doi:10.7150/thno.47746 (**IF:8.579**).
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ELISA for the determination of Ruscogenin in Chinese traditional medicines and biological samples. *Chin J Nat Med.* 2014;12(10):794-9 (**IF:2.014**);

共同作者

- [1] Wang N, Tan HY, Li S, Wang D, **Xu Y**, Zhang C, Xia W, Che CM, Feng Y. SBP2 deficiency in Adipose Tissue Macrophages drives insulin resistance in obesity. 2019;5(8). (**IF:13.116**).
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会议摘要

- [1] **Xu Y**, Wang N, Feng Y. Panax Notoginseng saponins Promotes White Adipose Browning and Decreases Obesity by Shaping the Gut Microbiota. 18th Meeting of Consortium for Globalization of Chinese Medicine (CGCM). Oral Presentation, China. August 7-10, 2019.
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