

## **Dr. WANG Yan (王妍)**

Post-doctoral Fellow  
School of Chinese Medicine  
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### **CONTACT INFORMATION**

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### **ACADEMIC QUALIFICATIONS**

2015/8-2019/9 Doctor of Philosophy, Cell and Molecular Biology, The Chinese University of Hong Kong  
2011/9-2014/6 Master Degree, Food Sciences, Dalian Polytechnic University  
2007/9-2011/7 Bachelor Degree, Food Sciences and Engineering, Dalian Polytechnic University

### **POSITIONS HELD**

2021/3-Present Post-doctoral Fellow, School of Chinese Medicine, The University of Hong Kong  
2020/1-2021/1 Post-doctoral Fellow, Dept of Anaesthesia & Intensive Care, Prince of Wales Hospital  
2014/8-2015/8 Research Assistant, School of Life Sciences, The Chinese University of Hong Kong

### **RESEARCH INTEREST**

Food Chemistry  
Cancer Biology  
Bacterial Pneumonia  
Calcium Signaling in Cancer Progression  
Herbal Medicine in Cancer Prevention and Treatment

### **PUBLICATIONS**

1. Hong-Xu Wang, Lei Qin\*, **Yan Wang**, Da-Yong Zhou, Shuang Song, Xu-Song Wang, Bei-Wei Zhu. 2014. Effects of heating conditions on fatty acids and volatile compounds in foot muscle of abalone *haliotis discus hannai* Ino. *Fisheries Science*. 80(5): 1097-1107. [IF 1.173](#).
2. Amy Ho Yan Kwok, **Yan Wang**, Wing Shing Ho\*. 2016. Cytotoxic and pro-oxidative effects of *Imperata cylindrica* aerial part ethyl acetate extract in colorectal cancer in vitro. *Phytomedicine*. 15; 23(5): 558-565. [IF 4.18](#).
3. Yi Mei Zheng, James Zheng Shen, **Yan Wang**, Amy Xiaoxu Lu, Wing Shing Ho\*. 2016. Anti-oxidant and anti-cancer activities of *Angelica dahurica* extract via induction of apoptosis in colon cancer cells. *Phytomedicine*. 15; 23(11): 1267-1274. [IF 4.18](#).

4. **Yan Wang**, James Zheng Shen, Yuk Wah Chan, Wing Shing Ho\*. 2018. Identification and growth inhibitory activity of the chemical constituents from *Imperata cylindrica* aerial part ethyl acetate extract. *Molecules*. 23, 1807. [IF 3.267](#).
5. **Yan Wang**, Yan Xiang Qi, Zeng Hua Qi, Suk Ying Tsang.\* 2019. TRPC3 regulates the proliferation and apoptosis resistance of triple negative breast cancer cells through the TRPC3/RASA4/MAPK pathway. *Cancers*. 11, 558. [IF 6.126](#).
6. Huang D, Wang X, Liu Y, Huang Z, Hu X, Hu W, Li Q, Chan H, Zou Y, Ho IHT, **Wang Y**, Cheng ASL, Kang W, To KF, Wang MHT, Wong SH, Yu J, Gin T, Zhang Q, Li Z, Shen J, Zhang L, Chan MTV\*, Liu X\*, Wu WKK\*. 2021. Multi-omic analysis suggests tumor suppressor genes evolved specific promoter features to optimize cancer resistance. *Briefings in Bioinformatics*. [Epub ahead of print]. [IF 8.990](#).
7. **王妍**, 楊祺福, 李冬梅, 張玉瑩, 黨艷妮, 李楠, 秦磊. 羅非魚鼻軟骨中硫酸軟骨素的提取工藝 [J]. *中國食品學報*. 2015(09): 84-90.
8. 傅寶尚, 朱名, **王妍**, 等. 鮑魚預熟制及低溫貯藏中的脂質氧化特性 [J]. *食品科學*, 2017, 38(15): 232-236.

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香港大學中醫藥學院  
博士後研究員

### 聯絡方法

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### 學歷

2015/8-2019/9	博士	細胞與分子生物學	香港中文大學生命科學學院
2011/9-2014/6	碩士	食品科學（功能食品方向）	大連工業大學食品學院
2007/9-2011/7	本科	食品科學與工程（公共營養方向）	大連工業大學食品學院

### 職務

2021/3-現在 香港大學中醫藥學院博士後研究員  
2020/1-2021/1 威爾斯親王醫院 麻醉與深切治療學系 博士後研究員  
2015/8-2019/11 香港中文大學生命科學學院 研究助理

### 研究領域

食品化學  
癌癥分子生物學機制研究  
細菌性肺炎  
癌癥相關的鈣信號通路研究  
中草藥防治癌癥研究

### 發表著作

1. Hong-Xu Wang, Lei Qin\*, **Yan Wang**, Da-Yong Zhou, Shuang Song, Xu-Song Wang, Bei-Wei Zhu. 2014. Effects of heating conditions on fatty acids and volatile compounds in foot muscle of abalone *haliotis discus hannai* Ino. *Fisheries Science*. 80(5): 1097-1107. [IF 1.173](#).
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TRPC3/RASA4/MAPK pathway. *Cancers*. 11, 558. [IF 6.126](#).

6. Huang D, Wang X, Liu Y, Huang Z, Hu X, Hu W, Li Q, Chan H, Zou Y, Ho IHT, **Wang Y**, Cheng ASL, Kang W, To KF, Wang MHT, Wong SH, Yu J, Gin T, Zhang Q, Li Z, Shen J, Zhang L, Chan MTV\*, Liu X\*, Wu WKK\*. 2021. Multi-omic analysis suggests tumor suppressor genes evolved specific promoter features to optimize cancer resistance. *Briefings in Bioinformatics*. [Epub ahead of print]. [IF 8.990](#).
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8. 傅寶尚, 朱名, **王妍**, 等. 鮑魚預熟制及低溫貯藏中的脂質氧化特性 [J]. *食品科學*, 2017, 38(15): 232-236.