



## TONG Yan

Associate Professor

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### BIO

#### Education

- **PhD**, Chengdu University of Traditional Chinese Medicine, the basis of Traditional Chinese and Western Medicine combination (2012)
- **M.A.**, Chengdu University of Traditional Chinese Medicine, Pharmacology (2007)
- **B.S.**, Chengdu University of Traditional Chinese Medicine, Traditional Chinese Medicine (2001)

#### Employment

##### Academic Appointments

- Associate Professor, Department of Pharmacy, School of Life Science and Engineering, Southwest Jiaotong University, China (2020-present)

##### Administrative Appointments

- Chairman, foundation branch of Southwest Jiaotong University Committee of Jiusan Society (2015-present)

### RESEARCH INTERESTS

- 1 Efficacy and mechanism of traditional Chinese Medicine, 2 Resource science of traditional Chinese Medicine

### SELECTED PUBLICATIONS

#### Principal Publications of the Last Five Years

- publication 1 Dan Luo, Cuijuan Wang\*, **Yan Tong\***, Cheng Liu, Yumei Xiao, Zixin Zhu, Dongning Liu and Yaoyu Wang. An NIF-doped ZIF-8 hybrid membrane for continuous antimicrobial treatment. *RSC Advances*, 2020, 13(10):7360-7367
- publication 2 Liwen Wang, Yong Sun, Tingting Zhao, Yongbiao Li, Xiaoqin Zhao, Li Zhang, Lanlan Wu, Liudai Zhang, Tiane Zhang, Guihua Wei, Altamirano Alvin, **Yan Tong\***, Zhiyong Yan\*. Antidepressant Effects and Mechanisms of the Total Iridoids of *Valeriana jatamansi* on the Brain-Gut Axis. *Planta Medica*, 2020, 86(03):172-179
- publication 3 Haiyu Dai, Cuijuan Wang\*, Yuyuan Tang, **Yan Tong\***, Kaili Mao, Zhibin Zhang, Xianli Zhou. Synthesis, Structure, Photoluminescent and Drug Loading and Release Properties of a Novel Cadmium (II) Coordination Polymers Based on Terphenyl - 3, 4 " , 5 - tricarboxylic Acid, *Journal of Inorganic and Organometallic Polymers and Materials*, 2017, 27(1): 80-86

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- publication 4 Dai Hai-yu, Tang Yu-yuan, Wang Cui-juan, Chen Shuang, **Tong Yan**, Zhang Zhi-Bing. Preparation, structure and luminescent characterization of a series of metal-organic frameworks based on flexible ligands with nitrogen heterocycles and carboxyl[J]. Journal of Solid State Chemistry, 2017, 256:130-140
  - publication 5 Wei Guo-Qing, Zhang Jia-Sui, Lei Jie-Ping, Ma Chao-Ying, **Tong Yan**, Jiang He-Zhong. Chemical constituents from *Lindera nacusua* (D. Don) Merr. Bio-Chemical Systematics and Ecology, 2016, 66:94-97

### **SELECTED AWARDS AND HONORS**

- First prize of Liangshan science and Technology Progress Award (2017)
- Second prize of Liangshan science and Technology Progress Award (2017)

### **PROFESSIONAL ACTIVITIES**

#### **RESEARCH**

##### **Current Research**

- Research project title 1 Research on the characteristic medical resources of Yi nationality in Liangshan
- Research project title 2 Objective to study the effect of traditional Chinese medicine on intestinal microorganisms
- Research project title 3 Study on resource variety environment quality pharmacodynamics of *Gastrodia elata*

##### **Research Group**

- Dr. Tong is a member of pharmaceutical cross-frontier research group

#### **TEACHING**

##### **Primary Teaching areas**

- Area 1 pharmacy

##### **Current Courses**

- Course title 1 pharmacology