Curriculum vitae

Personal information

Name:	Xiao Zheng
Gender:	Male
Date of Birth:	March 31th,1986
Nationality:	Chinese
E-mail address:	xzheng@cpu.edu.cn

Academic education:

Sep 2008~Jun 2013	China Pharmaceutical University, Ph.D of Pharmacokinetics

Scientific career:

Since May 2024	Deputy director, State Key Laboratory of Natural Medicine, China Pharmaceutical University
Since July 2023	School of Pharmacy, China Pharmaceutical University, Professor
July 2019~Jun 2023	School of Pharmacy, China Pharmaceutical University, Associate Professor
July 2016~Jun 2019	School of Pharmacy, China Pharmaceutical University, Instructor
Research interests	The main focus of my research is on the study of host-microbe co-metabolism and neurosensory mechanism for the metabolite signals along the gut-brain axis. Using interdisciplinary neuroscience and metabolic regulation approaches, I am interested to uncover novel signaling molecules for gut-brain crosstalk, decipher the sensory mechanisms, and probe the targets for depressive disorder and its gut comorbidity such as colitis.

Honors and Awards

2022	National High Level Youth Talent Program of China
2021	Jiangsu Provincial Award for Science and Technology Progress

Representative publications:

(1) LS Cheng, HQ Wu, XY Cai, YY Zhang, SQ Yu, YL Hou, Z Yin, QY Yan, Q Wang, TP Sun, GJ Wang, YG Yuan,* XL Zhang, * HP Hao, * and **X Zheng*** A Gpr35 tuned gut-brain metabolic axis regulates depressive-like behavior. **Cell Host & Microbe**,

(2024) 32(2):227-243.e6. (ESI highly cited paper)

(2) W Wei, YL Liu, YL Hou, SQ Cao, Z Chen, YY Zhang, XY Cai, QY Yan, ZG Li, YG Yuan*, GJ Wang*, **X Zheng***, Haiping Hao*. Psychological Stress-induced Microbial Metabolite Indole-3-acetate Disrupts Intestinal Cell Lineage Commitment. **Cell Metabolism**, (2024) 36(3):466-483.e7. (Cover paper)

(3) **Zheng X**, Cai X, Hao H*. Emerging targetome and signalome landscape of gut microbial metabolites. **Cell Metabolism.** (2022)34(1):35-58.

(4) Hou Y, Wei W, Guan X, Liu Y, Bian G, He D, Fan Q, Cai X, Zhang Y, Wang G, **Zheng X***, Hao H*. A diet-microbial metabolism feedforward loop modulates intestinal stem cell renewal in the stressed gut. **Nature Communications** (2021) 12, 271.

(5) Zhang Y#, Fan Q#, Hou Y#, Zhang X, Yin Z, Cai X, Wei W, Wang J, He D, Wang G, Yuan Y*, Hao H*, **Zheng X***. Bacteroides species differentially modulate depression-like behavior via gut-brain metabolic signaling. **Brain Behavior Immunity** (2022) 102, 11-22. (ESI highly cited paper)

(6) Liu Y, Hou Y, Wang G, **Zheng X***, Hao H*. Gut Microbial Metabolites of Aromatic Amino Acids as Signals in Host-Microbe Interplay. **Trends Endocrinol Metab** (2020) 31, 818-834. (ESI highly cited paper)