

# Ting Wu

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## EDUCATION

<b>Peking University, Beijing, China</b>	<b>Sep 2025 – Present (Expected Jun 2029)</b>
Ph.D. candidate in Epidemiology and Biostatistics (Expected Jun 2029)	
<b>Peking University, Beijing, China</b>	<b>Sep 2023 – Jun 2025</b>
M.S. in Epidemiology and Biostatistics	
<b>Peking University, Beijing, China</b>	<b>Sep 2018 – Jun 2023</b>
B.M. of Preventive Medicine	

## RESEARCH INTERESTS

My research focuses on elucidating the etiology of cardiometabolic diseases by integrating multi-omics data (proteomics, metabolomics) within large-scale population cohorts. I employ Mendelian randomization and other causal inference methods to identify and validate novel biomarkers for disease risk prediction, aiming to inform early prevention and precision public health strategies.

## PUBLICATIONS

#: Co-first Author. \*: Corresponding Author

1. **Wu T**<sup>#</sup>, Ke Y<sup>#</sup>, Li Y, Wu Z, Lv J, Yu C, Sun D, Yao P, Kartsonaki C, Chen Z, Li L, Pang Y\*. Associations between circulating proteins and cardiometabolic diseases: a systematic review and meta-analysis of observational and Mendelian randomisation studies. *Heart*. 2024;110(20):1208-1215. DOI: 10.1136/heartjnl-2024-324050. (JCR Q1, IF = 4.4)
2. **Wu T**, Yan X\*, Liu Y, Ma N, Dang J, Zhong P, Shi D, Cai S, Cheng H, Song Y\*, Lau PWC. Association between early life exposure to the great famine and possible sarcopenia in older Chinese adults: a national cross-sectional study. *BMJ Open*. 2023;13(3):e065240. DOI: 10.1136/bmjopen-2022-065240. (JCR Q2, IF = 2.3)
3. **Wu T**, Liu J\*. [Test-negative Design: Basic Principles, Methods of Implementation, Types of Derivatives, Advantages, Limitations, and Applications]. *Chinese General Practice*. 2022;25(36):4601-4608. DOI: 10.12114/j.issn.1007-9572.2022.0277. (Chinese Core Journal) 巫婷, 刘珏\*. 检测阴性设计: 基本原理、方法、衍生设计、优劣势及应用. *中国全科医学*. 2022;25(36):4601-4608. DOI: 10.12114/j.issn.1007-9572.2022.0277. (中文核心)
4. **Wu T**, Song S, Pang Y, Yu C, Sun D, Pei P, Du H, Chen J, Chen Z, Pan A, Lv J, Li L\*. [Associations of plasma metabolites with mortality in Chinese adults: a prospective study]. *Chinese Journal of Epidemiology*. 2025;46(4):557-565. DOI: 10.3760/cma.j.cn112338-20241209-00780. (Chinese Core Journal)  
 巫婷, 宋树遥, 庞元捷, 余灿清, 孙点剑一, 裴培, 杜怀东, 陈君石, 陈铮鸣, 潘安, 吕筠, 李立明\*. 中国成年人血浆代谢物与死亡风险的前瞻性关联研究. *中华流行病学杂志*. 2025;46(4):557-565. DOI: 10.3760/cma.j.cn112338-20241209-00780. (中文核心)

5. Song S, **Wu T**, Yu C, Sun D, Pei P, Du H, Chen J, Chen Z, Lv J, Li L, Pang Y\*. [Prospective association between liver biomarkers and mortality risk in Chinese middle-aged and elderly populations]. *Chinese Journal of Epidemiology*. 2025;46(4):549-556. DOI: 10.3760/cma.j.cn112338-20241209-00781. (Chinese Core Journal)  
宋树遥, 巫婷, 余灿清, 孙点剑一, 裴培, 杜怀东, 陈君石, 陈铮鸣, 吕筠, 李立明, 庞元捷\*. 中国中老年人肝脏生物标志物与死亡风险的前瞻性关联研究. *中华流行病学杂志*. 2025;46(4):549-556. DOI: 10.3760/cma.j.cn112338-20241209-00781. (中文核心)
6. Cheng S, **Wu T**, Yu C, Sun D, Pei P, Du H, Chen J, Chen Z, Pang Y, Lv J, Li L\*. [An observational and Mendelian randomization study of the associations of body mass index with plasma amino acids and acylcarnitines in Chinese adults]. *Chinese Journal of Epidemiology*. 2024;45(6):770-778. DOI: 10.3760/cma.j.cn112338-20240130-00052. (Chinese Core Journal)  
程思, 巫婷, 余灿清, 孙点剑一, 裴培, 杜怀东, 陈君石, 陈铮鸣, 庞元捷, 吕筠, 李立明\*. 中国成年人 BMI 与血浆氨基酸和酰基肉碱水平关联的观察性和孟德尔随机化研究. *中华流行病学杂志*. 2024;45(6):770-778. DOI: 10.3760/cma.j.cn112338-20240130-00052. (中文核心)
7. Pang Y, Lv J, **Wu T**, Yu C, Guo Y, Chen Y, Yang L, Millwood IY, Walters RG, Yang X, Stevens R, Clarke R, Chen J, Li L, Chen Z, Kartsonaki C. Associations of diabetes, circulating protein biomarkers, and risk of pancreatic cancer. *Br J Cancer*. 2024;130(3):504-510. DOI: 10.1038/s41416-023-02533-2. (JCR Q1, IF = 6.4)

## HONORS & AWARDS

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- Excellent Graduate, Peking University ..... 2025
- First Prize in the 33rd "Challenge Cup" Academic Competition, Peking University ..... 2025
- Merit Student, Peking University ..... 2024
- Outstanding Research Award, Center for International Exchanges and Cooperation of National Health Commission & Daiichi Sankyo ..... 2024
- Grand Prize in the 31st "Challenge Cup" Academic Competition, Peking University ..... 2025
- Award for Scientific Research, Peking University ..... 2023
- Outstanding Individual Contributor in Volunteer Service, Peking University ..... 2022
- Merit Student, Peking University ..... 2022
- May Fourth Scholarship, Peking University ..... 2022
- Merit Student, Peking University ..... 2021
- First-Class Innovation Development Scholarship, 3M & Peking University Health Science Center ..... 2021
- Award for Community or Public Service, Peking University ..... 2020
- Second-Class Innovation Development Scholarship, 3M & Peking University Health Science Center ..... 2020
- Merit Student, Peking University ..... 2019
- Outstanding Student Assistant, Pre-Medical Program Office of Peking University ..... 2019
- The Third Prize of Peking University Scholarship, Peking University ..... 2019