

Representative publications [*First and !Corresponding author]

- **Woh PY*!**, Sengxayalath P, Pham Thi KV. (2025). Impact of generational differences on rice farmer's perception and challenges in Champassak, Laos. *Agriculture & Food Security*. (accepted for publication).
- **Woh PY***, Chen Y, Mohammadzadeh R, Schmidt, L, Moissl-Eichinger C. (2025) Reevaluation of the gastrointestinal methanogenic archaeome in multiple sclerosis and its association with treatment. *Microbiology Spectrum*.
- Neumann CJ, Mohammadzadeh R, **Woh PY**, Kobal T, Pausan MR, Shinde T, Haid V, Mertelj P, Mahnert A, Kumpitsch C, Jantscher-Krenn E, Moissl-Eichinger C. (2024). First-year dynamics of the anaerobic microbiome and archaeome in infant's oral and gastrointestinal systems. *mSystems*.
- Ren X, Su C, Zhu Y, Fang JHK, **Woh PY!**. (2025). Microplastics and gut health: exploring microbial and metabolic disruption using SHIME and cellular models. *Environment International*. (under review).
- Rajindra N, Binod K, Bivisha K, Roji R, **Woh PY**, et al. (2025). Integrated One Health surveillance of zoonotic diseases at the wildlife-human interface: how pathogen detection informs spillover risks and transmission dynamics. *PLoS One*. (under review).
- **Woh PY*!**, Chen Y, Nurjadi D. (2025). Bridging the biosphere: unravelling the One Health nexus of *Salmonella enterica* transmission across human, animal, environmental, and food systems. *Journal of Antimicrobial Chemotherapy*. (under review).
- **Woh PY*!**, Soengkono F, Chen Y, Azizul ZH, Mohd Zain SN, Quiroga J, Kwok KWH. (2025). Genomic insights into nontyphoidal *Salmonella*: prediction of antimicrobial resistance with whole genome-based machine learning. *International Journal of Antimicrobial Agents* (accepted for publication).
- **Woh PY*!**, Chen Y, Quiroga J, Kwok KWH. (2025) Bayesian phylogeographic analysis infers cross-border transmission dynamics of drug-resistant *Salmonella* Enteritidis. *Microbiology Spectrum*.
- **Woh PY*!**, Ng C. *Bacillus cereus* in rice: A review on food poisoning, antimicrobial resistance, and control measures. (2024). *Tropical Biomedicine* 41(3): 1-12.
- **Woh PY*!**, Shiu HY, Fang JKH. (2024). Microplastics in seafood: Navigating the silent health threat and intestinal implications through a One Health food safety lens. *Journal of Hazardous Materials*.
- **Woh PY*!**, Yeung MPY, Goggins WBIII. (2023). Multiple antibiotic resistance index (MARI) of human-isolated *Salmonella* species: a practical bacterial antibiotic surveillance tool. *Journal of Antimicrobial Chemotherapy*
- **Woh PY***, Yeung MPS, Goggins WBIII, Lo N, Wong KT, Chow V, Chau KY, Fung K, Chen Z, Ip M. (2021). Genomic epidemiology of multidrug-resistant nontyphoidal *Salmonella* in young children hospitalized for gastroenteritis. *Microbiology Spectrum*, 9(1), e0024821.
- **Woh PY***, Yeung MPS, Nelson EAS, Goggins WBIII. (2021). Risk factors of non-typhoidal *Salmonella* gastroenteritis in hospitalized young children: a case-control study. *BMJ Paediatrics Open*, 5(1), e000898.