PUBLICATIONS

1. As the first or ^co-first, *corresponding author or senior author

1. **Wang, S.,** Liu, Y., Tam, W. H., Ching, J. Y. L., Xu, W., Yan, S., Qin, B., Lin, L., Peng, Y., Zhu, J., Cheung, C. P., Ip, K. L., Wong, Y. M., Cheong, P. K., Yeung, Y. L., Kan, W. H. B., Leung, T. F., Leung, T. Y., Chang, E. B., Rubin, D. T., Claud, E. C., Wu, W. K. K., Tun, H. M., Chan, F. K. L., Ng, S. C*., & Zhang, L*. (2024). Maternal gestational diabetes mellitus associates with altered gut microbiome composition and head circumference abnormalities in male offspring. ***Cell Host Microbe***, *32*(7), 1192-1206.e1195. **[IF$_{2023}$ = 20.6]**
2. Peng, Y^., Zhu, J^., **Wang, S^.,** Liu, Y^., Liu, X., DeLeon, O., Zhu, W., Xu, Z., Zhang, X., Zhao, S., Liang, S., Li, H., Ho, B., Ching, J. Y., Cheung, C. P., Leung, T. F., Tam, W. H., Leung, T. Y., Chang, E. B., Chan, F. K. L., Zhang, L*., Ng, S. C*., & Tun, H. M*. (2024). A metagenome-assembled genome inventory for children reveals early-life gut bacteriome and virome dynamics. ***Cell Host Microbe***. doi:10.1016/j.chom.2024.10.017 **[IF$_{2023}$ = 20.6]**
3. **Wang, S.,** Zhang, S., Huang, S., Wu, Z., Pang, J., Wu, Y., Wang, J., & Han, D. (2020). Resistant maltodextrin alleviates dextran sulfate sodium-induced intestinal inflammatory injury by increasing butyric acid to inhibit proinflammatory cytokine levels. ***BioMed Research International,*** *2020*, 7694734. **[IF$_{2023}$ = 2.6]**
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Under review

5. Zhang, L^., Liu, Y^., **Wang, S^.,** Ching, J. Y. L., Tam, W. H., Leung, T. F., Leung, T. Y., Chan, P. K. S., Mak, J. W. Y., Cheung, C. P., Tun, H. M., Chang, E. B., DeLeon, O., Huang, Q., Chen, X., Huo, H., Miao, Y., Cheong, P. K., Ip, K. L., Yeung, Y. L., Chang, M. K., Lyu, C., Yang, H., Li, B., Fan, Y., Sun, Y*., Jiang, S*., Ng, S. C*., & Chan, F. K. L*. (2024). Overview of the MOther-infant Microbiota transmission and its link to long terM health of babY (MOMMY) Study: The Integrative Early Life Microbiome Project in China. **(Under review)**

2. As co-author

6. Zhang, L., Xu, W., Meng, H. Y. H., Ching, J. Y. L., Liu, Y., **Wang, S.,** Yan, S., Lin, L., Cheong, P. K., Ip, K. L., Peng, Y., Zhu, J., Cheung, C. P., Leung, T. F., Leung, A. S. Y., Tam, W. H., Leung, T. Y., Chan, P. K. S., Chang, E. B., Rubin, D. T., Claud, E. C., Wu, W. K. K., Tun, H. M., Chan, F. K. L., & Ng, S. C. (2025). Impacts of COVID-19 pandemic on early life gut microbiome. **Gut Microbes,** 17(1), 2443117. doi:10.1080/19490976.2024.2443117. **[IF$_{2023}$ = 12.2]**
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CONFERENCE ABSTRACTS

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19. **Wang, S.,** Liu, Y., Ching, J. Y. L., Leung, T. F., Tam, W. H., Leung, T. Y., Tun, H. M., Chang, E. B., Rubin, D. T., Claud, E. C., Chan, F. K. L., Zhang, L., & Ng, S. C*. Host refined gut microbiome during pregnancy favor bacteria vertical transmission to offspring: the implication from MOMmy Cohort. **The 9th International Human Microbiome Consortium (IHMC) Congress 2022, Kobe, Japan.**
20. Zhang, L^., **Wang, S^.,** Wong, M. C., Mok, C. K., Ching, J. Y., Mak, J. W., Chan, F. K*., & Ng, S. C*. (2024). 1072 Effect of gut microbiome modulation in enhancing immunogenicity after SARS-COV-2 vaccination in elderly and diabetes patients (IMPACT study). *Gastroenterology, 166*(5), S-252-S-253. **Digestive Disease Week 2024, Washington, D.C., USA**
21. Peng, Y^., Zhu^, J., **Wang, S^.,** Liu, Y^., Liu, X., DeLeon, O., Zhu, W., Shilin, Z., Liang, S., Li, H., Ho, B. W., Ching, J. Y., Cheung, C., Chang, E. B., Chan, F. K., Zhang, L*., Ng, S. C*., & Tun, H. M*. (2024). Sa2039 Novel keystone species of gut bacteriome and virome in early life are altered in preterm infants and implicated in childhood diseases. *Gastroenterology, 166*(5), S-615. **Digestive Disease Week 2024, Washington, D.C., USA**
22. Liu, Y., **Wang, S.,** Xu, W., Ching, J. Y., Cheung, C., Hu, J., Zhan, H., Ip, K. L., Cheong, P. K., Leung, T. F., Tam, W. H., Leung, T. Y., Tun, H. M., Chang, E., Rubin, D. T., Sun, Y., Luo, W., Miao, Y., Chen, G., Chan, F. K. L., Ng, S. C*., & Zhang, L*. (2024). 1158 The impact of food additive intake and altered gut microbiome on perinatal health: data from 3 regions in China from the MOMMY cohort. *Gastroenterology, 166*(5), S-272-S-273. **Digestive Disease Week 2024, Washington, D.C., USA**
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