

JOURNAL PUBLICATIONS

1. **Zheng J**, Sun Q, Zhang M, Liu C, Su Q, Zhang L, Xu Z, Lu W, Ching J, Tang W, Cheung CP, Hamilton AL, Wilson O'Brien AL, Wei SC, Bernstein CN, Rubin DT, Chang EB, Morrison M, Kamm MA, Chan FKL, Zhang J, Ng SC. Noninvasive, microbiome-based diagnosis of inflammatory bowel disease. (First author, **Nature Medicine**. 2024, doi: 10.1038/s41591-024-03280-4 IF: 58.82)
2. **Zheng J**, Sun Q, Zhang J, Ng SC. The role of gut microbiome in inflammatory bowel disease diagnosis and prognosis. (First author, **United European Gastroenterol Journal**, 2022, doi: 10.1002/ueg2.12338. IF: 5.8)
3. Su Q, Liu Q, Lau RI, Zhang J, Xu Z, Yeoh YK, Leung TWH, Tang W, Zhang L, Liang JQY, Yau YK, **Zheng J**, Liu C, Zhang M, Cheung CP, Ching JYL, Tun HM, Yu J, Chan FKL, Ng SC. Faecal microbiome-based machine learning for multi-class disease diagnosis. (**Nature Communication**, 2022, doi: 10.1038/s41467-022-34405-3. IF: 17.646)
4. Chen, W.*, **Zheng, J.***, Wu, C., Liu, S., Chen, Y., Liu, X., Du, J. and Wang, J., Breast Cancer Subtype Classification Using 4-Plex Droplet Digital PCR. (Co-first author, **Clinical Chemistry**, 2019, doi: 10.1373/clinchem.2019.302315. IF: 7.29)
5. Wang, J.*, **Zheng, J.***, Zhang, S., Du, J., Chen, Y., Liu, X., Zhang, H., Jiang, X. and Chen, W., High-throughput Blood Sample Preparation for Single Nucleotide Polymorphism Genotyping in Less Than 25 Min. (Co-first author, **Talanta**, 2019, doi: 10.1016/j.talanta.2018.08.051. IF: 5.76)

CONFERENCE PUBLICATIONS

1. **Zheng J**, Sun Q, Zhang M, Liu C, Su Q, Zhang L, Xu Z, Ching JYL, Tang W, Cheung CP, A. L. Hamilton, A. L. Wilson O'Brien, Tun HM, M. Morrison, M. A. Kamm, Chan FKL, Ng SC. Faecal microbiome as targeted non-invasive biomarkers for inflammatory bowel disease: a cross-population metagenomic analysis in six cohorts. (**Digestive Disease Week**, 2024, oral presentation)
2. Zhang J, **Zheng J**, Teh J, Kang S, A. L. Hamilton, A. L. Wilson O'Brien, Ching JYL, Sun Y, Miao Y, Sung JJY, Yu J, M. Morrison, M. A. Kamm, Ng SC. Metagenomic analysis of intra-household transmission patterns of the gut microbiome in Crohn's disease across populations. (**Digestive Disease Week**, 2024, oral presentation)
3. **Zheng J**, Sun Q, Zhang M, Liu C, Zhu W, Ching JYL, Hao F, Chan FKL, Ng SC. Impact of medication on gut microbiome in patients with ulcerative colitis and microbial biomarkers for predicting therapeutic outcomes. (**International Human Microbiome Consortium**, 2024, Poster presentation)
4. Zhang J, Zhu W, Sun Q, Zhang M, Liu C, Ching JYL, **Zheng J**, M. Morrison, M. A. Kamm, Chan FKL, Ng SC. Novel faecal microbiome signatures as non-invasive biomarkers for diagnosis of

Crohn's disease and at-risk populations. (**Gastroenterology**, 2022, doi: 10.1016/S0016-5085(22)62606-4)