



SIDDS 2023

Seoul International Digestive Disease Symposium 2023

In Conjunction with the Annual Meeting of the Korean Society of Gastroenterology

April 8-9, 2023 Hybrid congress



Name	Jun Yu
Affiliation	The Chinese University of Hong Kong
Country	Hong Kong SAR, China
Major Field	Gut Microbiome, gastrointestinal cancer, fatty liver disease

Educational Background

Prof. Yu obtained MD and PhD at Tongji Medical University China in 1994.

Professional Experience

She had been a gastrointestinal specialist in the Second Affiliated Hospital of Beijing University. She was then studied as a postdoctoral fellowship in University of Magdeburg, Germany, and a senior research officer at University of Sydney, Australia. She has been a CUHK faculty member since 2005 and a Professor of Department of Medicine and Therapeutics CUHK since 2011.

Prof. Yu is now the Choh-Ming Li Professor of Medicine and Therapeutics, Assistant Dean of Faculty of Medicine, Director of Institute of Digestive Disease, Director of State Key Laboratory of Digestive Disease, Director of Research Laboratory of Institute of Digestive Disease, The Chinese University of Hong Kong.

Other Experience and Professional Memberships

Prof. Yu serves as Council Member of American Gastrointestinal Association (AGA) Microbiome and Microbial Therapy (2018-2021) and Council Member of AGA Oncology (2017-2018); Associate Chairman of Cancer and Gut Microbiome of China Anti-Cancer Association; Vice-Chairman of Digestive Committee of China Women Physicians Association; Associate Chairman of HK Scientist Association; Deputy Chief Editor of J Gastroenterol Hepatol, Associate Editor of Oncogene, Scientific Reports and Editorial board for Gut, etc.

Main Scientific Publications

Main publications in 2022

1. Yang J, Wei H, Zhou Y, Szeto CH, Li C, Lin Y, Coker OO, Lau HCH, Chan AW, Sung JJ, **Yu J*** (*corresp author). High-Fat Diet Promotes Colorectal Tumorigenesis through Modulating Gut Microbiota and Metabolites. *Gastroenterology*. 2022 Jan;162(1):135-149.e2.
2. Coker OO, Liu C, Wu WKK, Wong SH, Jia W, Sung JJY, **Yu J***. Altered gut metabolites and microbiota interactions are implicated in colorectal carcinogenesis and can be non-invasive diagnostic biomarkers. *Microbiome*. 2022 Feb 21;10(1):35.
3. Wang S, Gao S, Zeng Y, Zhu L, Mo Y, Wong CC, Bao Y, Su P, Zhai J, Wang L, Soares F, Xu X, Chen H, Hezaveh K, Ci X, He A, McGaha T, O'Brien C, Rottapel R, Kang W, Wu J, Zheng G, Cai Z, **Yu J*(corresp author)**, He HH*. N6-methyladenosine reader YTHDF1 promotes ARHGEF2 translation and RhoA signaling in colorectal cancer. *Gastroenterology*. 2022 Apr;162(4):1183-1196.



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4. Liu J, Geng W, Sun H, Liu C, Huang F, Cao J, Xia L, Zhao H, Zhai J, Li Q, Zhang X, Kuang M, Shen S, Xia Q*, Wong VW*, **Yu J***. Integrative metabolomic characterisation identifies altered portal vein serum metabolome contributing to human hepatocellular carcinoma. *Gut*. 2022 Jun;71(6):1203-1213.
5. Ting NL, Lau HC, **Yu J***. Cancer pharmacomicrobiomics: targeting microbiota to optimise cancer therapy outcomes. *Gut*. 2022 Jul;71(7):1412-1425. Review
6. Zhao L, Shi Y, Cheuk-Hay Lau H, Liu W, Luo G, Wang G, Liu C, Pan Y, Zhou Q, Ding Y, Jao-Yiu Sung J, **Yu J***. Uncovering 1,058 novel human enteric DNA viruses through deep long-read third-generation sequencing and their clinical impact. *Gastroenterology*. 2022 Sep;163(3):699-711.
7. Chen H, Pan Y, Zhou Q, Liang C, Wong CC, Zhou Y, Huang D, Liu W, Zhai J, Gou H, Su H, Zhang X, Xu H, Wang Y, Kang W, Wu WKK, **Yu J***. METTL3 inhibits anti-tumor immunity by targeting m6A-BHLHE41-CXCL1/CXCR2 axis to promote colorectal cancer. *Gastroenterology*. 2022 Oct;163(4):891-907.
8. Lin Y, Lau HC, Liu Y, Kang X, Wang Y, Ting NL, Kwong TN, Han J, Liu W, Liu C, She J, Wong SH, Sung JJ, **Yu J***. Altered mycobiota signatures and enriched pathogenic *Aspergillus rambellii* are associated with colorectal cancer based on multi-cohort fecal metagenomic analyses. *Gastroenterology*. 2022 Oct;163(4):908-921.
9. Li C, Wang Y, Liu D, Wong CC, Coker OO, Zhang X, Liu C, Zhou Y, Liu Y, Kang W, To KF, Sung JJ, **Yu J***. Squalene epoxidase drives cancer cell proliferation and promotes gut dysbiosis to accelerate colorectal carcinogenesis. *Gut*. 2022 Nov;71(11):2253-2265.
10. Bai X[#], Wei H[#], Liu W[#], Coker OO, Gou H, Liu C, Zhao L, Li C, Zhou Y, Wang G, Kang W, Ng EK, **Yu J***. Cigarette smoke promotes colorectal cancer through modulation of gut microbiota and related metabolites. *Gut*. 2022 Dec;71(12):2439-2450.