

Curriculum Vitae

	Name (First Name / Middle Name / Last Name)	Siew Chien NG
	Title (Prof. Dr., etc.)	Professor and Associate Dean (Research), Faculty of Medicine
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Educational Background

Professor Siew C. Ng received her Bachelor of Medicine and Surgery degree from St Bartholomew's and the Royal London School of Medicine and Dentistry, and her Doctor of Philosophy degree from Imperial College London.

Professional Career

Professor Siew C. Ng is Croucher Professor in Medical Sciences and Associate Dean (Research) of Faculty of Medicine, The Chinese University of Hong Kong. She is also Director of Microbiota I-Center.

Her main research interests include identification of microbial targets for biomarker development and modulation of microbiome for therapeutic applications in inflammatory bowel disease (IBD), autism, colon cancer and long COVID. She is at the forefront of epidemiology, genetics, pathogenesis and treatment of IBD in Asia-Pacific and globally. She has pioneered studies in epidemiology, genetics and pathogenesis of IBD and brought together over 20 countries and 30 centers in Asia-Pacific to study IBD.

She has published over 400 papers in international leading journals, including *Nature*, *Nature Medicine*, and *The Lancet*. She is Associate Editor of *Gut*.

Prof. Ng was elected as Foreign Member of Academia Europaea. She was the first female clinician-scientist to be awarded New Cornerstone Investigator in mainland China as well as Bank of China Hong Kong Science and Technology Innovation Prize. She was named Highly Cited Researcher by Clarivate for 5 consecutive years since 2020.

Research Field

- Epidemiology, genetics, pathogenesis, and treatment of IBD
- Role of Gut microbiota in health and disease
- Fecal microbiota transplantation and microbial therapeutics

Main Scientific Publications

1. Hracs, L., Windsor, J.W., Gorospe, J.,...**SC Ng**, et al. Global evolution of inflammatory bowel disease across epidemiologic stages. *Nature*. 04, 2025.
2. J Zheng, Q Sun, M Zhang, C Liu, Q Su, L Zhang, Z Xu, W Lu, JYL Ching, W Tang, CP Cheung, AL Hamilton, AL Wilson O'Brien, SC Wei, CN Bernstein, DT Rubin, EB Chang, M Morrison, MA Kamm, FKL Chan, J Zhang, **SC Ng**. Noninvasive, microbiome-based diagnosis of inflammatory bowel disease. *Nature Medicine*. 10, 2024.
3. Q Su, OWH Wong, W Lu, Y Wan, L Zhang, W Xu, MKT Li, C Liu, CP Cheung, JYL Ching, PK Cheong, TF Leung, S Chan, P Leung, FKL Chan, **SC Ng**. Multikingdom and functional gut microbiota markers for autism spectrum disorder. *Nature Microbiology*. 09, 2024. 9(9):2344-2355.
4. Q Su, RI Lau, Q Liu, MKT Li, JWY Mak, W Lu, ISF Lau, LHS Lau, GTY Yeung, CP Cheung, W Tang, C Liu, JYL Ching, PK Cheong, FKL Chan, **SC Ng**. The gut microbiome associates with phenotypic manifestations of post-acute COVID-19 syndrome. *Cell Host Microbe*. 05, 2024. 32(5):651-660.e4.
5. RI Lau, Q Su, ISF Lau, JYL Ching, MCS Wong, LHS Lau, HM Tun, CKP Mok, SWH Chau, YK Tse, CP Cheung, MKT Li, GTY Yeung, PK Cheong, FKL Chan, **SC Ng**. A synbiotic preparation (SIM01) for post-acute COVID-19 syndrome in Hong Kong (RECOVERY): a randomised, double-blind, placebo-controlled trial. *Lancet Infectious Diseases*. 03, 2024;24(3):256-265.
6. FKL Chan, MCS Wong, AT Chan, JE East, HM Chiu, GK Makharia, D Weller, CJ Ooi, J Limsrivilai, Y Saito, DV Hang, JD Emery, D Makmun, KC Wu, RAR Ali, and **SC Ng**. Joint Asian Pacific Association of Gastroenterology (APAGE)-Asian Pacific Society of Digestive Endoscopy (APSDE) Clinical Practice Guidelines on the Use of Non-Invasive Biomarkers for Diagnosis of Colorectal Neoplasia. 04, 2023. *Gut*. p. 15.
7. **SC Ng**, ZL Xu, JWY Mak, KL Yang, Q Liu, T Zuo, W Tang, L Lau, RN Lui, SH Wong, YK Tse, AYL Li, K Cheung, JYL Ching, VWS Wong, APS Kong, RCW Ma, EYK Chow, SKH Wong, ICH Ho, PKS Chan, and FKL Chan, Microbiota Engraftment after Faecal Microbiota Transplantation in Obese Subjects with Type 2 Diabetes: A 24-Week, Double-Blind, Randomised Controlled Trial. 03, 2021. *Gut*. p. 8
8. F Zhang, T Zuo, YK Yeoh, FWT Cheng, Q Liu, W Tang, KCY Cheung, KL Yang, CP Cheung, CC Mo, MM Hui, FKL Chan, CK Li, PKS Chan, and **SC Ng**. Longitudinal Dynamics of Gut Bacteriome, Mycobiome and Virome after Fecal Microbiota Transplantation in Graft-Versus-Host Disease. 01, 2021. *Nature Communications*. 12(1): p. 11
9. J Zhang, EC Hoedt, Q Liu, E Berendsen, JJ Teh, A Hamilton, OB AW, JYL Ching, H Wei, K Yang, Z Xu, SH Wong, JWY Mak, JJY Sung, M Morrison, J Yu, MA Kamm, **SC Ng**. Elucidation of *Proteus mirabilis* as a Key Bacterium in Crohn's Disease Inflammation. *Gastroenterology*. 01, 2021. 160(1): p. 317-330.e11.
10. **SC Ng**, HY Shi, N Hamidi, FE Underwood, W Tang, EI Benchimol, R Panaccione, S Ghosh, JCY Wu, FKL Chan, JJY Sung, and GG Kaplan, Worldwide incidence and prevalence of inflammatory bowel disease in the 21st century: a systematic review of population-based studies. *Lancet*. 12, 2017. 390(10114): p. 2769-2778.
11. **SC Ng**, W Tang, RW Leong, M Chen, Y Ko, C Studd, O Niewiadomski, S Bell, MA Kamm, HJ De Silva, A Kasturiratne, YU Senanayake, CJ Ooi, KL Ling, D Ong, KL Goh, I Hilmi, Q Ouyang, YF Wang, P Hu, Z Zhu, Z Zeng, K Wu, X Wang, B Xia, J Li, P Pisessongsa, S Manatsathit, S Aniwan, M Simadibrata, M Abdullah, SWC Tsang, TC Wong, AJ Hui, CM Chow, HH Yu, MF Li, KK Ng, J Ching, JCY Wu, FKL Chan, and JJY Sung, Environmental risk factors in inflammatory bowel disease: A population-based case-control study in Asia-Pacific. *Gut*. 07, 2015. 64(7): p. 1063-1071.