



Chia Po Ying

Consultant, Department of Infectious Diseases, TTSH and NCID

Research Interests:

- General Infectious Diseases
- Dengue
- Antimicrobial Resistance
- HIV Medicine
- Emerging Infectious Diseases

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Biography

Dr Chia Po Ying graduated from the Yong Loo Lin School of Medicine at the National University of Singapore. She completed her MRCP (UK) and Masters in Internal Medicine as well as her Senior Residency in Infectious Diseases.

Dr Chia is currently an Infectious Disease consultant at the National Centre for Infectious Diseases and Tan Tock Seng Hospital. She has also been awarded the National Medical Research Council (NMRC) Research Training Fellowship and the NHG-NTU Clinician Scientist Fellowship and is currently pursuing a PhD.

Selected Publications

- Yong SEF, Anderson DE, Wei WE...Chia PY et al. Connecting clusters of COVID-19: an epidemiological and serological investigation. *Lancet Infect Dis.* 2020; 20(7):809-815. doi: 10.1016/S1473-3099(20)30273-5. PMID: 10.1016/S1473-3099(20)30273-5. <https://pubmed.ncbi.nlm.nih.gov/32330439/>.
- Young BE, Ong SWX, Ng LFP, Anderson DE, Chia WN, Chia PY et al. Immunological and Viral Correlates of COVID-19 Disease Severity: A Prospective Cohort Study of the First 100 Patients in Singapore. 2020. [Preprints with Lancet]. doi: 10.2139/ssrn.3576846. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3576846.
- Chia PY, Coleman KK, Tan YK, Ong SWX, Gum M et al. Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. *Nat Commun.* 2020; 11(1):2800. doi: 10.1038/s41467-020-16670-2. PMID: 32472043. <https://pubmed.ncbi.nlm.nih.gov/32472043/>.
- Ng OT, Marimuthu K, Chia PY, Koh V, Chiew CJ et al. SARS-CoV-2 infection among travelers returning from Wuhan, China. *N Engl J Med.* 2020; 382(15):1476-1478. doi: 10.1056/NEJMc2003100. PMID: 32163698. <https://pubmed.ncbi.nlm.nih.gov/32163698/>.

- Ong SWX, Tan YK, Chia PY, Lee TH, Ng OT, Wong MSY, Marimuthu K. Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) From a Symptomatic Patient. *JAMA*. 2020; 323(16):1610-1612. doi: 10.1001/jama.2020.3227. PMID: 32129805. <https://pubmed.ncbi.nlm.nih.gov/32129805/>.

Notable Research Awards & Grants From Past 5 Years

Name of Awards & Grants	Year Obtained
NHG-LKCMedicine Clinician Scientist Preparatory Programme (CSPP) for “A Better Vital Sign in Dengue Fever: Shock Index, Modified Shock Index or a Novel Shock Index”	2017
NMRC Research Training Fellowship (RTF) for “The Role of the Endothelial Glycocalyx, Mast cells and Vascular Nitric Oxide in the Pathogenesis of Dengue”	2018
NHG-LKCMedicine Clinician Scientist Fellowship (CSF)	2018