



## Angela Chow Li Ping

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Research Interests:

- Antimicrobial Resistance
- Infectious Disease Surveillance
- Emerging Infectious Diseases

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## Biography

Dr Angela Chow graduated in Medicine from the National University of Singapore. She was trained as a Public Health specialist at the Ministry of Health Singapore. Dr Chow had assumed various positions at the Ministry where she developed national communicable disease surveillance systems and strategies, influenza pandemic preparedness plans, health services development programmes and non-communicable disease interventions. During the SARS epidemic in 2003, she served on the SARS Hospital Response Team, leading epidemiological investigations, and contact tracing in affected healthcare institutions. She was trained in the inaugural train-the-trainers Singapore Field Epidemiology Training Course 2005, jointly organized by the Regional Emerging Diseases Intervention (REDI) Centre and US Centers for Disease Control and Prevention.

Dr Chow is actively involved with the epidemiological surveillance, prevention and control of healthcare-associated infections, chronic infectious diseases, and emerging infectious diseases including SARS, chikungunya fever, Zika, avian and pandemic influenza, MERS, Ebola, and COVID-19.

## Selected Publications

- Htun HL, Hon PY, Holden MTG, Ang B, Chow A. **Chlorhexidine and Octenidine Use, Carriage of Qac Genes, and Reduced Antiseptic Susceptibility in Methicillin-resistant Staphylococcus Aureus Isolates from a Healthcare Network.** *Clin Microbiol Infect.* 2019; 25(9):1154.e1-1154.e7. doi: 10.1016/j.cmi.2018.12.036. PMID: 30625411. <http://www.ncbi.nlm.nih.gov/pubmed/30625411>.
- Ryu S, Chow A, Chun BC. **Surveillance for Zika Virus Infection in Travelers Returning to the Republic of Korea.** *Travel Med Infect Dis.* 2019; 29:72-73. doi:10.1016/j.tmaid.2018.11.008. PMID: 30445195. <http://www.ncbi.nlm.nih.gov/pubmed/30445195>.

- Yong SEF, Ng OT, Ho ZJM...Chow A et al. **Imported Monkeypox, Singapore.** *Emerg Infect Dis.* 2020; 26(8):1826-1830. doi: 10.3201/eid2608.191387. PMID: 3238590. <https://pubmed.ncbi.nlm.nih.gov/32338590/>.
- Ho HJ, Zhang ZX, Huang Z, Aung AH, Lim WY, Chow A. **Use of a Real-Time Locating System for Contact Tracing of Health Care Workers During the COVID-19 Pandemic at an Infectious Disease Center in Singapore: Validation Study.** *J Med Internet Res.* 2020; 22(5):e19437. doi: 10.2196/19437. PMID: 32412416. <https://pubmed.ncbi.nlm.nih.gov/32412416/>.
- Htun HL, Lim DW, Kyaw WM, Loh WNJ, Lee LT, Ang B, Chow A. **Responding to the COVID-19 outbreak in Singapore: Staff Protection and Staff Temperature and Sickness Surveillance Systems.** *Clin Infect Dis.* 2020. doi:10.1093/cid/ciaa468. PMID: 32315026. <https://pubmed.ncbi.nlm.nih.gov/32315026/>.

### Notable Research Awards & Grants From Past 5 Years

Name of Awards & Grants	Year Obtained
NHG Small Innovation Grant (SIG) for “Clinical Epidemiology of Chlorhexidine and Octenidine Resistance in MRSA in an Acute Hospital with its affiliated Intermediate- and Long-term care Facilities”	2015
NHG Clinician Scientist Career Scheme (CSCS) – Mid Level for “Clinical Decision Support Algorithms to Guide Antibiotic Use for Upper Respiratory Tract Infections”	2016
National Medical Research Council (NMRC) Health Services Research Grant (HSRG) for “Understanding the Psychosocial, Cultural, and Systemic Determinants of Antibiotic Use and Utilizing a Multilevel Approach to Address Inappropriate Antibiotic Use”	2017
National Medical Research Council (NMRC) Clinician Scientist Award (CSA) for “Patient, Physician, and Organizational Factors Influencing Decision-making for Antibiotic Use, and N-of-1 Trials of Interventions to Improve the Decision-making”	2019
NHG-LKCMedicine ALIVE Serious Games Grant (SGG) for “Antibiotic SteWARDs”	2020