



## Ng Tat Ming

Principal Pharmacist (specialist), Tan Tock Seng Hospital

### Research Interests:

- Antimicrobial stewardship
- Antimicrobial pharmacokinetics
- Pharmacy practice

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### Biography

Tat Ming is an infectious disease specialist pharmacist at Tan Tock Seng Hospital with an interest in advancing clinical care through research and innovation. He has over a decade of experience in antimicrobial stewardship and have extensive experience in developing pharmacy related clinical services. He received his Doctor of pharmacy degree in 2012 and completed the pharmacy infectious disease residency training in 2018.

### Selected Publications

- Ng TM, Heng ST, Chua BH, Ang LW, Tan SH, Tay HL, Yap MY, Quek J, Teng CB, Young BE, Lin R, Ang B, Lee TH, Lye DC. Sustaining Antimicrobial Stewardship in a High-Antibiotic Resistance Setting. *JAMA Netw Open*. 2022 May 2;5(5):e2210180. Impact factor 13.36
- Chua NG, Loo L, Hee DKH, Lim TP, Ng TM, Hoo GSR, Soong JL, Ong JCL, Tang SSL, Zhou YP, Lee W, Lee LS, Cove M, Ling LM, Kwa AL. Therapeutic drug monitoring of meropenem and piperacillin-tazobactam in the Singapore critically ill population - A prospective, multi-center, observational study (BLAST 1). *J Crit Care*. 2022 Jan 6;68:107-113. Impact factor 4.298
- Goh O, Goh WJ, Lim SH, Hoo GS, Liew R, Ng TM. Preferences of Healthcare Professionals on 3D-Printed Tablets: A Pilot Study. *Pharmaceutics*. 2022 Jul 21;14(7):1521. doi: 10.3390/pharmaceutics14071521. Impact factor 6.525
- Ng TM, Hing WC, Koh TY, Chang WT, Chang GSW, Heng JW, Abuaman IB, Sia BY, Saw YC, Chan D, Tan CH, Fan WS, Franky F, Tan PC, Tan CWY, Sng JHL, Yap CW, Gnanamani SUD, Tan DSY. Merits of a harmonised system to classify drug-related problems in Singapore. *Ann Acad Med Singap*. 2021 Jul;50(7):572-577. Impact factor 8.713

- ST Heng, J Wong, B Young, HL Tay, SH Tan, MY Yap, CB Teng, B Ang, TH Lee, HL Tan, TW Lew, DC Lye, TM Ng. Effective Antimicrobial Stewardship Strategies (ARIES): Cluster randomised trial of computerised decision support system and prospective review and feedback. Open Forum Infectious Diseases 29 June 2020, ofaa254. Impact factor 4.433

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

Name of Awards & Grants	Year Obtained
<p align="center"><b>NHG-LKC Clinician-Scientist Career Scheme</b></p> Beta-Lactam levels and Outcomes of gram-negative Bacteraemia (BLOB-1)	2021
<p align="center"><b>NHG Centre for Medical Technologies &amp; Innovations (CMTi)</b></p> <p align="center"><b>MedTech Grant</b></p> Addressing adherence and drug delivery with variable dose 3D printed combination oral Pharmaceuticals (ADAPT) – A proof of concept in anti-tuberculosis medications.	2022
<p align="center"><b>NMRC Research Training Fellowship (RTF)</b></p> Developing beta-lactam pharmacodynamic targets in gram negative bacteremia using physiologically based pharmacokinetic modelling (TARGET)	2023