

## Dr Ch'ng Jun Hong's publications

1. Kao PHN, Ch'ng JH, Chong KKL, Wong SL, Kline KA. Enterococcus faecalis and Staphylococcus aureus mixed species infection attenuates pathogen-specific neutrophil responses and impairs bacterial clearance. **bioRxiv**. 2022
2. Ch'ng JH, Muthu M, Chong KKL, Wong JJ, Tan CAZ, Koh ZJS, Lopez D, Matysik A, Nair ZJ, Barkham T, Wang Y, Kline KA. Heme cross-feeding can augment Staphylococcus aureus and Enterococcus faecalis dual species biofilms. **ISME J**. 2022; 16:2015-2026
3. Quintana MDP, Ch'ng JH. Measuring Rosetting Inhibition in Plasmodium falciparum Parasites Using a Flow Cytometry-Based Assay. **Methods Mol Biol**. 2022; 2470:493-503.
4. Ch'ng JH, Moll K, Wyss K, Hammar U, Ryden M, Kampe M, Farnert A, Wahlgren M. Enhanced virulence of Plasmodium falciparum in blood of diabetic patients. **PLoS One**. 2021 Jun 17;16(6):e0249666.
5. Ch'ng JH, Chong KKL, Lam LN, Wong JJ, Kline KA. Biofilm-associated infection by enterococci. **Nature Reviews Microbiology**. 2019 Jan 17(2):82-94.
6. Quintana MDP, Ch'ng JH, Zandian A, Imam M, Hultenby K, Theisen M, Nilsson P, Qundos U, Moll K, Chan S, Wahlgren M. SURGE complex of Plasmodium falciparum in the rhoptry-neck (SURFIN4.2-RON4-GLURP) contributes to merozoite invasion. **PLoS One**. 2018 August 13(8):e0201669
7. Quintana MDP, Ch'ng JH, Moll K, Zandian A, Nilsson P, Idris ZM, Saiwaew S, Qundos U, Wahlgren M. Antibodies in children with malaria to PfEMP1, RIFIN and SURFIN expressed at the Plasmodium falciparum parasitized red blood cell surface. **Sci Rep**. 2018 Feb 19;8(1):3262
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9. Chan CLS, Ch'ng JH, Wahlgren M, Thutkawkorapin J. Frequent GU wobble pairings reduce translation efficiency in Plasmodium falciparum. **Scientific Reports**. 2017; 7(1): 723
10. Ch'ng JH, Sirel M, Zandian A, Quintana MdP, Chan CLS, Moll K, Tellgren-Roth A, Nilsson IM, Qundos U, Nilsson P, Wahlgren M. Epitopes of anti-RIFIN antibodies and characterization of rif-expressing Plasmodium falciparum parasites by RNA sequencing. **Scientific Reports** 2017; 7, 43190.
11. Moles E, Moll K, Ch'ng JH, Parini P, Wahlgren M, Fernandez-Busquets X. Development of drug-loaded immunoliposomes for the selective targeting and elimination of rosetting *Plasmodium falciparum*- infected red blood cells. **Journal of Controlled Release**. 2016; 241:57-67.
12. Ch'ng JH, Moll K, Quintana MDP, Chan CLS, Masters E, Moles E, Liu J, Eriksson AB, Wahlgren M. Rosette-Disrupting Effect of an Anti-Plasmodial Compound for the Potential Treatment of *Plasmodium falciparum* Malaria Complications. **Nature Scientific Reports** 2016; 6, 29317.
13. Moll K, Palmkvist M, Ch'ng J, Kiwuwa MS, Wahlgren M. Evasion of Immunity to Plasmodium falciparum: Rosettes of Blood Group A Impair Recognition of PfEMP1. **PLoS ONE**. 2015; 10(12): e0145120.
14. Ch'ng JH, Lee YQ, Gun SY, Chia WN, Chang ZW, Wong LK, Batty KT, Russell B, Nosten F, Renia L, Tan KSW. Validation of a Chloroquine-Induced Cell Death Mechanism for Clinical Use against Malaria. **Cell Death Dis** 2014 ; 5: e1305.

15. Lee YQ, Goh SP, Ch'ng JH, Nosten FH, Preiser PR, Pervaiz S, Yadav SK, Tan KS. A high-content phenotypic screen reveals the disruptive potency of quinacrine and 3',4'-dichlorobenzamil on the digestive vacuole of *Plasmodium falciparum*. **Antimicrob Agents Chemother**. 2013; 58(1): 550-8.
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