

Associate Professor Raymond Lin's Representative Publications

Simonsen L, Spreeuwenberg P, Lustig R, Taylor RJ, Fleming DM, Kroneman M, Van Kerkhove MD, Mounts AW, Paget WJ; GLaMOR Collaborating Teams. Global Mortality Estimates for the 2009 Influenza Pandemic from the GLaMOR Project: A Modeling Study. **PLoS Med.** 2013 Nov; 10(11):e1001558. doi: 10.1371/journal.pmed.1001558. Epub 2013 Nov 26. PubMed PMID: 24302890; PubMed Central PMCID: PMC3841239.

Chen MI, Cook AR, Lim WY, Lin R, Cui L, Barr IG, Kelso A, Chow VT, Leo YS, Hsu JP, Shaw R, Chew S, Yap JK, Phoon MC, Koh HW, Zheng H, Tan L, Lee VJ. Factors influencing infection by pandemic influenza A(H1N1)pdm09 over three epidemic waves in Singapore. **Influenza Other Respir Viruses**, 2013 Nov; 7(6):1380-9. doi:10.1111/irv.12129. Epub 2013 Jul 5. PubMed PMID: 23829633.

Teo J, Cheng J, Jureen R, Lin R. Clinical utility of RD1, RD9 and hsp65 based PCR assay for the identification of BCG in vaccinated children. **BMC Research Notes**, 2013; 6(1):434+. Available from: <http://dx.doi.org/10.1186/1756-0500-6-434>.

Teo, J. W. P., Kurup, A., Lin, R.T.P. and Hsien, K. T. (2013), Emergence of clinical Klebsiella pneumoniae producing OXA-232 carbapenemase in Singapore. **New Microbes and New Infection**, doi: 10.1002/2052-2975.4.

D. Fisher, P.A. Tambyah, R.T.P. Lin, R. Jureen, A.R. Cook, A. Lim, B. Ong, M. Balm, T.M. Ng, L.Y. Hsu. Sustained meticillin-resistant Staphylococcus aureus control in a hyper-endemic tertiary acute care hospital with infrastructure challenges in Singapore. **The Journal of hospital infection**, 6 September 2013 (Article in Press DOI: 10.1016/j.jhin.2013.07.005)

Jeanette Teo, Sean Yang-Yi Tan, Martin Tay, Yichen Ding, Staffan Kjelleberg, Michael Givkov, Raymond TP Lin, Liang Yang. First case of E anophelis outbreak in an intensive-care unit. **The Lancet**, 7 September 2013 (Volume 382 Issue 9895 Pages 855-856 DOI: 10.1016/S0140-6736(13)61858-9)

Members of the Western Pacific Region Global Influenza Surveillance and Response System. Seasonal influenza vaccine policies, recommendations and use in the World Health Organization's Western Pacific Region. **Western Pacific Surveillance and Response Journal**, 2013, 4(3). doi:10.5365/wpsar.2013.4.1.009

Junda Tan, Phoebe Lee, Yingqi Lai, Pengiran Hishamuddin, Joanne Tay, Ai Ling Tan, Kian Sing Chan, Raymond Lin, Donald Tan, Jeffery Cutter, and Kee Tai Goh. Microsporidial keratoconjunctivitis after rugby tournament, Singapore. **Emerg Infect Dis** [Internet]. 2013 Sep [date cited]. <http://dsx.doi.org/10.3201/eid1909.121464>.

South East Asia Infectious Disease Clinical Research Network. Effect of double dose oseltamivir on clinical and virological outcomes in children and adults admitted to hospital with severe influenza: double blind randomised controlled trial. **BMJ**. 2013 May 30; 346:f3039. doi: 10.1136/bmj.f3039. PubMed PMID: 23723457.

Michelle N D Balm, Grace Ngan, Roland Jureen, Raymond T P Lin, Jeanette W P Teo. OXA-181-producing Klebsiella pneumonia establishing in Singapore. **BMC Infect Dis.** 2013; 13: 58. Published online 2013 February 1. doi: 10.1186/1471-2334-13-58. PMCID: PMC3570352.

Lee RCH, Hapuarachchi HC, Chen KC, Hussain KM, Chen H, Low SL, Ng LC, Lin R, MM Ng, JJH Chu. (2013) Mosquito Cellular Factors and Functions in Mediating the Infectious entry of Chikungunya Virus. **PLoS Negl Trop Dis** 7(2): e2050. doi:10.1371/journal.pntd.0002050.

Low C, Koh CT, Lin R, Chua A, Hishamuddin P, Tay J, Cutter J. Possible nosocomial transmission of measles in unvaccinated children in a Singapore public hospital. **Western Pacific Surveillance and Response Journal**, 2012, 3(4):e1-4. doi:10.5365/wpsar.2012.3.4.008.

Kam YW, Lee WW, Simarmata D, Harjanto S, Teng TS, Tolou H, Chow A, Lin RT, Leo YS, Rénia L, Ng LF. Longitudinal analysis of the human antibody response to chikungunya virus infection: implications for sero-diagnosis assays and vaccine development. **J Virol.** 2012 Sep 26 [Epub ahead of print] PubMed PMID: 23015702.

Venkatachalam I, Teo J, Balm MN, Fisher DA, Jureen R, Lin RT. Klebsiella pneumoniae Carbapenemase-producing Enterobacteria in Hospital, Singapore. **Emerg Infect Dis.** 2012 Aug; 18(8):1381-3. doi: 10.3201/eid1808.110893. PubMed PMID: 22840461.

Ngan GJ, Lin RT, Teo JW. Utility of the Bruker Biotyper matrix-assisted laser desorption ionisation time-of-flight mass spectrometer in a clinical microbiology laboratory. **Pathology** 2012 Aug;44(5):493-6. PubMed PMID: 22744165

Teo J, Ngan G, Balm M, Jureen R, Krishnan P, Lin R. Molecular characterization of NDM-1 producing Enterobacteriaceae isolates in Singapore hospitals. **Western Pacific Surveillance and Response Journal**, 2012, 3(1). 10.5365/wpsar.year.2011.2.4.010

Kam, Y.-W., Lum, F.-M., Teo, T.-H., Lee, W. W. L., Simarmata, D., Harjanto, S., Chua, C.-L., Chan, Y.-F., Wee, J.-K., Chow, A., Lin, R. T. P., Leo, Y.-S., Le Grand, R., Sam, I.-C., Tong, J.-C., Roques, P., Wiesmüller, K.-H., Rénia, L., Rötzschke, O. and Ng, L. F. P. (2012), Early neutralizing IgG response to Chikungunya virus in infected patients targets a dominant linear epitope on the E2 glycoprotein. **EMBO Mol Med**, 4: 330–343. doi: 10.1002/emmm.201200213

Balm MN, Ngan G, Jureen R, Lin RT, Teo J. Molecular Characterization of Newly Emerged blaKPC-2-Producing Klebsiella pneumoniae in Singapore. **J Clin Microbiol.** 2012 Feb;50(2):475-6. Epub 2011 Nov 23. PubMed PMID: 22116160; PubMed Central PMCID: PMC3264177

Lee CY, Kam YW, Fric J, Malleret B, Koh EG, Prakash C, Huang W, Lee WW, Lin C, Lin RT, Renia L, Wang CI, Ng LF, Warter L. Chikungunya virus neutralization antigens and direct cell-to-cell transmission are revealed by human antibody-escape mutants. **PLoS Pathog.** 2011 Dec;7(12):e1002390. Epub 2011 Dec 1. PubMed PMID: 22144891; PubMed Central PMCID: PMC3228792.

Teo JW, Krishnan P, Jureen R, Lin RT. Detection of an unusual vancomycin resistant Enterococcus faecium hospital isolate. **J Clin Microbiol**. 2011 Oct 12. PubMed PMID: 21998432

Warter L, Lee CY, Thiagarajan R, Grandadam M, Lebecque S, Lin RT, Bertin-Maghit S, Ng LF, Abastado JP, Després P, Wang CI, Nardin A. Chikungunyavirus envelope-specific human monoclonal antibodies with broad neutralizationpotency. **J Immunol**. 2011 Mar 1;186(5):3258-64. Epub 2011 Jan 28. PubMed PMID:21278338

Teo J, Jureen R, Chiang D, Chan D, Lin R. Comparison of Two Nucleic Acid Amplification Assays, the Xpert MTB/RIF Assay and the Amplified Mycobacterium Tuberculosis Direct Assay, for Detection of Mycobacterium tuberculosis in Respiratory and Nonrespiratory Specimens. **J Clin Microbiol**. 2011 Oct;49(10):3659-62. Epub 2011 Aug 24. PubMed PMID: 21865419.

Win MK, Chen MI, Barkham T, Lin C, Tan A, Lin R, Leo YS. Influenza disease burden in adults by subtypes following the initial epidemic of pandemic H1N1 in Singapore. **Influenza Other Respi Viruses**, 2011 Aug 31. doi:10.1111/j.1750-2659.2011.00282.x. [Epub ahead of print] PubMed PMID: 21883962

Lee, V. J., M. I. Chen, J. Yap, J. Ong, W.-Y. Y. Lim, R. T. Lin, I. Barr, J. B. Ong, T. M. M. Mak, L. G. G. Goh, Y. S. S. Leo, P. M. Kelly, and A. R. Cook (2011, August). Comparability of different methods for estimating influenza infection rates over a single epidemic wave. **American journal of epidemiology**, 174(4), 468–478.

Lim W-Y, Chen CHJ, Ma Y, Chen MIC, Lee VJM, Cook AR, Linda W.L. Tan, Norberto Flores Tabo Jr., Ian Barr, Lin Cui, Raymond T.P. Lin, Yee Sin Leo, and Kee Seng Chia. Risk factors for pandemic (H1N1) 2009 seroconversion among adults, Singapore, 2009. **Emerg Infect Dis** [serial on the Internet]. 2011 Aug [date cited]. <http://www.cdc.gov/EID/content/17/8/101270.htm>, DOI: 10.3201/eid1708.101270

Ngan, G., Ng, L., Jureen, R., Lin, R. and Teo, J. (2011), Development of multiplex PCR assays based on the 16S–23S rRNA internal transcribed spacer for the detection of clinically relevant nontuberculous mycobacteria. **Letters in Applied Microbiology**, 52: 546–554. doi: 10.1111/j.1472-765X.2011.03045.x

Teo, J., P. Pietro, F. Biagio, M. Capozzoli, Y.-M. Deng, I. Barr, N. Caldwell, K.-L. Ong, M. Sato, R. Tan, and R. Lin (2011, April). VereFlu™: an integrated multiplex RT-PCR and microarray assay for rapid detection and identification of human influenza a and b viruses using lab-on-chip technology. **Archives of Virology**, 1-8.

Lim PL, Ling ML, Lee HY, Koh TH, Tan AL, Kuijper EJ, Goh SS, Low BS, Ang LP, Harmanus C, Lin RT, Krishnan P, James L, Lee CE. Isolation of the first three cases of Clostridium difficile polymerase chain reaction ribotype 027 in Singapore. **Singapore Med J**. 2011 May; 52(5):361-4. PubMed PMID: 21633771.

Tan BH, Low JG, Chlebicka NL, Kurup A, Cheah FK, Lin RT, Goh YT, Wong GC. Galactomannan-guided preemptive vs. empirical antifungals in the persistently febrile neutropenic patient: a prospective randomized study. **Int J Infect Dis**. 2011 May; 15(5):e350-6. Epub 2011 Mar 11. PubMed PMID: 21397541.