

Chit Laa Poh

Position: Distinguished Professor
E-Mail: pohcl@sunway.edu.my
Office Extension: 7338



Education:

PhD (Microbiology), Monash University

BSc (Hons) First Class, Monash University

BSc Monash University, Monash University

Teaching:

In Sunway University, I was instrumental in setting up the Programme of BSc(Hons)Biology with Psychology, taking into account the strength of staff from the Department of Psychology with newly appointed staff in the new Department of Biological Sciences. I have also completed the setting up of a second programme- BSc (Hons) Medical Biotechnology. Currently, I am working with the HOD of the Department of Biological Sciences to develop a PhD Programme in Life Sciences. A MSc in Life Sciences programme had received approval from Malaysian Ministry of Education.

Brief Employment History:

Sunway University, Malaysia: Dean, Professor Faculty of Science and Technology

University of Malaya, Malaysia: Professor of Medical Microbiology, Department of Medical Microbiology, Faculty of Medicine

Swinburne University of Technology Melbourne, Australia: Professor of Environmental Biotechnology, Faculty of Life and Social Sciences

Swinburne University of Technology Melbourne, Australia: Adjunct Professor

Selected Publications:

1. **Yee PTI, Poh CL.,** Development of novel miRNA-based vaccines and antivirals against Enterovirus 71. Current Pharmaceutical Design 2016 December: DOI:10.2174/1381612822666160720165613.Thomson Reuters 2015 Journal Citation Report: Impact Factor- 3.052.

2. **Yee PTI, Tan KO, Othman I, Poh CL.**, Identification of molecular determinants of cell culture growth characteristics of Enterovirus 71. *Virology Journal* 2016 Vol 13: 194-205. November: DOI: 10.1186/s12985-016-0645-9., Thomson Reuters 2015 Journal Citation Report: Impact Factor- 2.362
3. **Yong HL, Pang SW, Poh CL, Tan KO.**, Distinct functional domains of PHMA5 mediate protein-protein interaction, nuclear localization, and apoptosis signaling in human cancer cells, *Journal Cancer Res Clin Oncol* 2016 March: DOI: 10.1007/s00432-016-2205-5, Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.141, Times Cited - 0
4. **Ramanathan B, Poh CL, Kirk K, McBride WJH, Aaskov J, Grollo L.**, Synthetic B-cell epitopes eliciting cross-neutralizing antibodies: strategies for future dengue vaccine. *PLOS One*, 11(5): Article number e0155900, Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.057, Times Cited - 0
5. **Yee PTI, Poh CL.**Development of novel vaccines against Enterovirus 71. *Viruses* 2016 January, 8 (1):1: doi: 10.3390/v8010001., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.042, Times Cited - 2
6. **Yap MS, Tang YQ, Yeo Y, Lim WL, Tan KO, Richards M, Othman I, Poh CL, Heng BC.**, Pluripotent human embryonic stem cell derived neural lineages for in vitro modelling of enterovirus 71 infection and therapy. *Virology Journal* 2016 January, 13: 5: doi: 10.1186/s12985-015-0454-6., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.362, Times Cited – 0
7. **Yap MS, Nathan KR, Yeo Y, Lim LW, Poh CL, Richards M, Lim LW, Poh CL, Richards M, Lim WL, Othman I, Heng BC.**, Neural differentiation of human pluripotent stem cells for nontherapeutic applications: Toxicology, Pharmacology, and in vitro disease modeling. *Stem Cell International* 2015 October 2015. Article ID 105172, 11 pages., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.687, Times Cited – 0
8. **Tan CW, Chan YF, Quah YW, Poh CL.**, Inhibition of Enterovirus 71 infection by antisense octaguanidinium dendrimer-conjugated morpholino oligomers. *Antiviral Research* 2014 July, 107: 35-41. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.909, Times Cited – 1
9. **Lazouskaya NV, Palombo EA, Poh CL, Barton PA.**Construction of an infectious cDNA clone of Enterovirus 71: Insights into the factors ensuring experimental success. *J Virol Methods* 2014 Mar, 197: 67-76. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.508, Times Cited – 2

10. **Lui YL, Lin Z, Lee JJ, Chow VT, Poh CL, Tan EL.**, Beta-actin variant is necessary for Enterovirus 71 replication. *Biochem Biophys Res Commun.* 2013 April, 433(4): 607-610. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.371, Times Cited – 4
11. **Tan CW, Poh CL, Sam IC and Chan YF.**, Enterovirus 71 uses cell surface heparin sulfate glycosaminoglycan as an attachment receptor. *J Virology* 2013 Jan, 87(1): 611-20. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.606, Times Cited - 48
12. **Kirk K, Poh CL, Fecondo J, Pourianfar H, Shaw J and Grollo L.**, Cross-reactive neutralizing antibody epitopes against Enterovirus 71 identified by an in silico approach. *Vaccine* 2012 Sept, 30(49): 7105-7110. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.413, Times Cited – 12
13. **Pourianfar HR, Poh CL, Fecondo J and Grollo L.**, In vitro evaluation of the antiviral activity of heparin sulfate compounds against Enterovirus 71. *Virus Research.* 2012 July, 169: 22-29., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.526, Times Cited – 14
14. **Tan CW, Chan YF, Sim KM, Tan EL and Poh CL.**, Inhibition of Enterovirus 71(EV-71) infections by a novel antiviral peptide derived from EV-71 capsid protein VP1. *PLoS One* 2012 May,7(5); 1-11. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.057, Times Cited – 11
15. **Lee LL, Seah JB, Chow VT, Poh, CL and Tan EL.**, Comparative proteome analysis of host protein expression in response to Enterovirus 71 and Coxsackievirus A16 infections. *J Proteomics.* 2011 Sep, 74(10): 2018-2024., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.867, Times Cited – 14
16. **Poh CL and Tan EL.**, Detection of enteroviruses from clinical specimens, *Methods Mol Biol.* 2011 Jan, 665:65-77.
17. **Wu Y, Tan EL, Yeo A, Cahn KP, Nishimura H, Cardoso MJ, Poh CL, Quak SH, Chow VT.**, Novel multiplex oligonucleotide-conjugated bead suspension array for rapid identification of enterovirus 71 subgenogroups. *J Clin Microbiol.* 2011 Jan, 49(1): 419-422. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.631, Times Cited – 1
18. **Kurupati P, Ramachandran NP, Poh CL.** Protective efficacy of DNA vaccines encoding outer membrane protein A and OmpK36 of *Kelbsiella pneumonia* in mice. *Clin Vaccine Immunol.* 2011 Jan, 18(1): 82-88.
19. **Wu Y, Yeo A, Phoon MC, Tan EL, Poh CL, Quak SH, Chow VT.**, The largest outbreak of hand, foot and mouth disease in Singapore in 2008: the role of enterovirus 71 and

coxsackievirus A strains. *Int J Infect Dis*. 2010 Dec, 14(12): 1076-1081. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.229, Times Cited – 123

20. **Tan EL, Wong AP, Poh CL.**, Development of potential antiviral strategy against coxsackievirus B4. *Virus research*. 2010 Jun, 150: 85-92., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.526, Times Cited – 10
21. **Tan EL, Marcus KF, Poh CL.**, Development of RNA interference (RNAi) as potential antiviral strategy against enterovirus 70, *J Med Virol*. 2008 Jun, 80(6):1025-1032. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.998, Times Cited – 11
22. **Foo DG, Macary PA, Alonso S, Poh CL.**, Identification of Human CD4(+) T-cell epitopes on the VP1 capsid protein of Enterovirus 71, *Viral Immunol*. 2008 Jun, 21(2): 215-224. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.513, Times Cited – 14
23. **Tan EL, Chow VT, Quak SH, Yeo WC, Poh CL.**, Development of multiplex real-time hybridization probe reverse transcriptase polymerase chain reaction for specific detection and differentiation of Enterovirus 71 and Coxsackievirus A16, *Diag Microbiol Infect Dis* 2008 Jul, 61(3):294-301. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.45, Times Cited – 27
24. **Tan EL, Yong LL, Quak SH, Yeo WC, Chow VT, Poh CL.**, Rapid detection of Enterovirus 71 by real-time TaqMan RT-PCR. *J Clin Virol* 2008 Jun, 42(2): 203-206. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.647, Times Cited – 35
25. **Zhao B, Poh CL**, Insights into environmental bioremediation by microorganisms through functional genomics and proteomics. *Proteomics* 2008 Feb, 8(4): 874-881. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.079, Times Cited – 23
26. **Foo DG, Ang RX, Alonso S, Chow VT, Quak SH, Poh CL.**, Identification of immunodominant VP1 linear epitope of enterovirus 71(EV71) using synthetic peptides for detecting human anti-EV71 IgG antibodies in western blots. *Clin Microbiol Infect*. 2008 Mar, 14(3): 286-288. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.575, Times Cited – 27
27. **Ho SY, Chua SQ, Foo DG, Locht C, Chow VT, Poh CL, Alonso S.** The highly attenuated *Bordetella pertussis* BPZE1 strain as a potential vehicle for the delivery of heterologous

vaccine candidates. *Infect Immun.* 2008, Jan, 76(1): 111-119, Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.603, Times Cited – 16

28. **Foo DG, Alonso S, Chow VT, Poh CL.,** Passive protection against lethal enterovirus 71 infection in new born mice by neutralizing antibodies elicited by a synthetic peptide. *Microbes & Infect.* 2007 Sep, 9: 1299-1306. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.291, Times Cited – 82
29. **Yeo CC, Tan CL, Gao X, Zhao B, Poh CL.,** Characterization of hbzE-encoded gentisate 1, 2-dioxygenase from *Pseudomonas alcaligenes NCIMB 9867*, *Res Microbiol.* 2007 Sep, 158: 608-16. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.154, Times Cited – 5
30. **Tan EL, Tan TM, Chow VT, Poh CL.** Inhibition of Enterovirus 71 in virus-infected mice by RNA Interference. *Mol Ther.* 2007 Nov, 15: 1070-85, Thomson Reuters 2015 Journal Citation Report: Impact Factor – 6.938, Times Cited – 29
31. **Tan EL, Tan TM, Chow VT, Poh CL.,** Enhanced potency and efficacy of 29-mer shRNAs in inhibition of Enterovirus 71. *Antiviral Res.* 2007 Apr, 74: 9-15. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.909, Times Cited – 18
32. **Kurupati P, Tan KS, Kumarasinghe G, Poh CL.** Inhibition of gene expression and growth by antisense peptide nucleic acids in a multiresistant beta-lactamase-producing *Klebsiella pneumoniae* strain. *Antimicrob Agents Chemother.* 2007 Mar, 51:805-11. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.415, Times Cited – 36
33. **Kurupati P, Teh BK, Kumarasinghe G, Poh CL.,** Identification of vaccine candidate antigens of an ESBL producing *Klebsiella pneumoniae* clinical strain by immunoproteome analysis. *Proteomics.* 2006 Feb, 6: 836-44., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.079, Times Cited – 38
34. **Kurupati P, Kumarasinghe G, Poh CL.,** Direct identification of *Pseudomonas aeruginosa* from blood culture bottles by PCR-enzyme linked immunosorbent assay using *oprI* gene specific primers, *Mol Cell Probes.* 2005 Nov; 19:417-21. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.565, Times Cited – 9

- 35. Gao X, Tan CL, Yeo CC, Poh CL.,** Molecular and biochemical characterization of the *xlnD* encoded 3-hydroxybenzoate 6-hydroxylase involved in the degradation of 2,5-xyleneol via the gentisate pathway in *Pseudomonas alcaligenes* NCIMB 9867. *J Bacteriol.* 2005 Nov; 187(22): 7696-702., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.198, Times Cited – 17
- 36. Tan CL, Yeo CC, Khoo HE, Poh CL.,** Replacement of tyrosine 181 by phenylalanine in gentisate 1,2-, dioxygenase I from *Pseudomonas alcaligenes* NCIMB 9867 enhances catalytic activities. *J Bacteriol.* 2005 Nov; 187(21): 7543-5., Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.198, Times Cited – 3
- 37. Sim AC, Luhur A, Tan TM, Chow VT, Poh CL.,** RNA interference against Enterovirus 71 infection. *Virology.* 2005 Oct, 341:72-79. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.2, Times Cited – 43
- 38. Zhao B, Yeo CC, Poh CL.,** Proteome investigation of the global regulatory role of sigma54 in response to gentisate induction in *Pseudomonas alcaligenes* NCIMB 9867. *Proteomics.* 2005 May; 5(7):1868-76. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.079, Times Cited – 23
- 39. Sachidanandham R, Gin KY, Poh CL.,** Monitoring of active but non-culturable bacterial cells by flow cytometry. *Biotechnol Bioeng.* 2005 Jan 5; 89(1):24-31. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.243, Times Cited – 25
- 40. Zhao B, Yeo CC, Lee CC, Geng A, Chew FT, Poh CL.,** Proteome analysis of gentisate-induced response in *Pseudomonas alcaligenes* NCIB 9867. *Proteomics.* 2004 Jul; 4(7):2028-36. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.079, Times Cited – 18
- 41. Ranganathan S, Singh S, Poh CL, Chow VT.,** The hand, foot and mouth disease virus capsid: sequence analysis and prediction of antigenic sites from homology modelling. *Appl Bioinformatics.* 2002; 1(1):43-52.
- 42. Kurupati P, Chow C, Kumarasinghe G, Poh CL.** Rapid detection of *Klebsiella pneumoniae* from blood culture bottles by real-time PCR. *J Clin Microbiol.* 2004 Mar; 42(3):1337-40, Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.631, Times Cited – 24

- 43. Yeo CC, Wong MV, Feng Y, Song KP, Poh CL.,** Molecular characterization of an inducible gentisate 1,2- dioxygenase gene, *xlnE*, from *Pseudomonas alcaligenes* NCIMB 9867. *Gene*. 2003 Jul 17; 312: 239-48. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.319, Times Cited – 16
- 44. Teo JW, Zhang LH, Poh CL.,** Cloning and characterization of a novel lipase from *Vibrio harveyi* strain AP6. *Gene*. 2003 Jul 17; 312:181-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.319, Times Cited – 16
- 45. Teo JW, Zhang LH, Poh CL.,** Cloning and characterization of a metalloprotease from *Vibrio harveyi* strain AP6. *Gene*. 2003 Jan 16; 303:147-56. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.319, Times Cited – 27
- 46. Singh S, Poh CL, Chow VT. ,** Complete sequence analyses of enterovirus 71 strains from fatal and non-fatal cases of the hand, foot and mouth disease outbreak in Singapore (2000). *Microbiol Immunol*. 2002; 46(11):801-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.428, Times Cited – 46
- 47. Singh S, Chow VT, Phoon MC, Chan KP, Poh CL,** Direct detection of enterovirus 71 (EV71) in clinical specimens from a hand, foot, and mouth disease outbreak in Singapore by reverse transcription-PCR with universal enterovirus and EV71-specific primers. *J Clin Microbiol*. 2002 Aug; 40(8):2823-7. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.631, Times Cited – 76
- 48. Teo JW, Tan TM, Poh CL.,** Genetic determinants of tetracycline resistance in *Vibrio harveyi*. *Antimicrob Agents Chemother*. 2002 Apr; 46(4):1038-45. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.415, Times Cited – 32
- 49. Chua CH, Feng Y, Yeo CC, Khoo HE, Poh CL.,** Identification of amino acid residues essential for catalytic activity of gentisate 1,2-dioxygenase from *Pseudomonas alcaligenes* NCIB 9867. *FEMS Microbiol Lett*. 2001 Oct 16; 204(1):141-6. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.858, Times Cited – 12
- 50. Yeo CC, Yiin S, Tan BH, Poh CL.** Isolation and characterization of group II introns from *Pseudomonas alcaligenes* and *Pseudomonas putida*, *Plasmid*. 2001 May; 45(3):233-9. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.732, Times Cited – 5

- 51. Kwong SM, Yeo CC, Poh CL,** Molecular analysis of the pRA2 partitioning region: *ParB* autoregulates *parAB* transcription and forms a nucleoprotein complex with the plasmid partition site, *parS*, *Mol Microbiol.* 2001 May; 40(3):621-33. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.761, Times Cited – 26
- 52. Singh S, Chow VT, Chan KP, Ling AE, Poh CL.,** RT-PCR, nucleotide, amino acid and phylogenetic analyses of enterovirus type 71 strains from Asia. *J Virol Methods.* 2000 Aug; 88(2):193-204. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.508, Times Cited – 48
- 53. Soh SW, Poh CL, Lin RV,** Serotype distribution and antimicrobial resistance of *Streptococcus pneumoniae* isolates from pediatric patients in Singapore. *Antimicrob Agents Chemother.* 2000 Aug; 44(8):2193-6. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.415, Times Cited – 14
- 54. Norman RA, Poh CL, Pearl LH, O'Hara BP, Drew RE.** Stearic hindrance regulation of the *Pseudomonas aeruginosa* amidase operon. *J Biol Chem.* 2000 Sep 29; 275(39):30660-7. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.258, Times Cited – 11
- 55. Teo JW, Suwanto A, Poh CL,** Novel beta-lactamase genes from two environmental isolates of *Vibrio harveyi*. *Antimicrob Agents Chemother.* 2000 May; 44(5):1309-14. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 4.415, Times Cited – 39
- 56. Kwong SM, Yeo CC, Suwanto A, Poh CL.** Characterization of the endogenous plasmid from *Pseudomonas alcaligenes* NCIB 9867: DNA sequence and mechanism of transfer. *J Bacteriol.* 2000 Jan; 182(1):81-90. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.198, Times Cited – 16
- 57. Feng Y, Khoo HE, Poh CL.,** Purification and characterization of gentisate 1, 2-dioxygenases from *Pseudomonas alcaligenes* NCIB 9867 and *Pseudomonas putida* NCIB 9869. *Appl Environ Microbiol.* 1999 Mar; 65(3):946-50. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.823, Times Cited – 38
- 58. Xu SY, Xiao JP, Ettwiller L, Holden M, Aliotta J, Poh CL, Dalton M, Robinson DP, Petronzio TR, Moran L, Ganatra M, Ware J, Slatko B, Benner J.** Cloning and expression of the *ApaLI*, *NspI*, *NspHI*, *SacI*, *ScaI*, and *SapI* restriction-modification systems in *Escherichia coli*. *Mol Gen Genet.* 1998 Nov; 260(2-3):226-31. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.727, Times Cited – 15

- 59. Yeo CC, Tham JM, Kwong SM, Poh CL.** Characterization of the Pac25I restriction-modification genes isolated from the endogenous pRA2 plasmid of *Pseudomonas alcaligenes* NCIB 9867. *Plasmid*. 1998 Nov; 40(3):203-13. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.732, Times Cited – 3
- 60. Yeo CC, Tham JM, Kwong SM, Yiin S, Poh CL,** Tn5563, a transposon encoding putative mercuric ion transport proteins located on plasmid pRA2 of *Pseudomonas alcaligenes*, *FEMS Microbiol Lett*. 1998 Aug 15; 165(2):253-60. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.858, Times Cited – 12
- 61. Yeo CC, Wong DT, Poh CL.** IS1491 from *Pseudomonas alcaligenes* NCIB 9867: characterization and distribution among *Pseudomonas* species., *Plasmid*. 1998; 39(3):187-95. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.732, Times Cited – 11
- 62. Kwong SM, Yeo CC, Chuah D, Poh CL,** Sequence analysis of plasmid pRA2 from *Pseudomonas alcaligenes* NCIB 9867 (P25X) reveals a novel replication region. *FEMS Microbiol Lett*. 1998 Jan 15; 158(2):159-65. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.858, Times Cited – 17
- 63. Ng DP, Goh KT, Yeo MG, Poh CL,** An institutional outbreak of *Salmonella enteritidis* in Singapore, *Southeast Asian J Trop Med Public Health*. 1997 Mar; 28(1):85-90.
- 64. Yeo CC, Tham JM, Yap MW, Poh CL.** Group II intron from *Pseudomonas alcaligenes* NCIB 9867 (P25X): entrapment in plasmid RP4 and sequence analysis. *Microbiology*. 1997 Aug; 143 (Pt 8):2833-40. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.732, Times Cited – 26
- 65. Yeo CC, Poh CL.** Characterization of IS1474, an insertion sequence of the IS21 family isolated from *Pseudomonas alcaligenes* NCIB 9867, *FEMS Microbiol Lett*. 1997 Apr 15; 149(2):257-63. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.858, Times Cited – 10
- 66. Yeo CC, Poh CL.** IS1394 from *Pseudomonas alcaligenes* N.C.I.B. 9867: identification and characterization of a member of the IS30 family of insertion elements. *Gene*. 1996 Oct 10; 175(1-2):109-13. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.319, Times Cited – 10
- 67. Poh CL, Ramachandran V, Tapsall JW,** Genetic diversity of *Neisseria gonorrhoeae* IB-2 and IB-6 isolates revealed by whole-cell repetitive element sequence-based PCR. *J Clin Microbiol*. 1996 Feb; 34(2):292-5. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.631, Times Cited – 23
- 68. Lau QC, Chow VT, Poh CL,** Differentiation of *Neisseria gonorrhoeae* strains by polymerase chain reaction and restriction fragment length polymorphism of outer membrane protein IB

genes. *Genitourin Med.* 1995 Dec; 71(6):363-6. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.776, Times Cited – 9

69. **Poh CL, Lau QC, Chow VT**, Differentiation of *Neisseria gonorrhoeae* IB-3 and IB-7 serovars by direct sequencing of protein IB gene and pulsed-field gel electrophoresis. *J Med Microbiol.* 1995 Sep; 43(3):201-7. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.269, Times Cited – 14
70. **Poh CL, Loh GK, Tapsall JW** Resolution of clonal subgroups among *Neisseria gonorrhoeae* IB-2 and IB-6 serovars by pulsed-field gel electrophoresis, *Genitourin Med.* 1995 Jun; 71(3):145-9. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.776, Times Cited – 17
71. **Ng LC, Poh CL, Shingler V.** Aromatic effector activation of the NtrC-like transcriptional regulator PhhR limits the catabolic potential of the (methyl)phenol degradative pathway it controls, *J Bacteriol.* 1995 Mar; 177 (6):1485-90. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.198, Times Cited – 38
72. **Ng LC, Shingler V, Sze CC, Poh CL.** Cloning and sequences of the first eight genes of the chromosomally encoded (methyl) phenol degradation pathway from *Pseudomonas putida* P35X. *Gene.* 1994 Dec 30; 151(1-2):29-36. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.319, Times Cited – 57
73. **Nair S, Poh CL, Lim YS, Tay L, Goh KT,** Genome fingerprinting of *Salmonella typhi* by pulsed-field gel electrophoresis for subtyping common phage types. *Epidemiol Infect.* 1994 Dec; 113(3):391-402. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.515, Times Cited – 36
74. **Lau QC, Chow VT, Poh CL,** Polymerase chain reaction and direct sequencing of *Neisseria gonorrhoeae* protein IB gene: partial nucleotide and amino acid sequence analysis of strains S4, S11, S48 (serovar IB4) and S34 (serovar IB5). *Med Microbiol Immunol (Berl).* 1993 Jul; 182(3):137-45. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.302, Times Cited – 7
75. **Poh CL, Yeo CC.,** Recent advances in typing of *Pseudomonas aeruginosa*, *J Hosp Infect.* 1993 Jul; 24(3):175-81. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.655, Times Cited – 18
76. **Poh CL, Yap SC, Yeo M,** Pulsed-field gel electrophoresis for differentiation of hospital isolates of *Klebsiella pneumoniae*. *J Hosp Infect.* 1993 Jun; 24(2):123-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.655, Times Cited – 16

- 77. Poh CL, Lau QC.** Subtyping of *Neisseria gonorrhoeae* auxotype-serovar groups by pulsed-field gel electrophoresis. *J Med Microbiol.* 1993 May; 38(5):366-70. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.269, Times Cited – 34
- 78. Assinder SJ, De Marco P, Osborne DJ, Poh CL, Shaw LE, Winson MK, Williams PA.** A comparison of the multiple alleles of *xyfS* carried by TOL plasmids pWW53 and pDK1 and its implications for their evolutionary relationship. *J Gen Microbiol.* 1993 Mar; 139(3):557-68. Thomson Reuters 2015 Journal Citation Report: Impact Factor – Not applicable, Times Cited – 16
- 79. Poh CL, Yeo CC, Tay L.** Genome fingerprinting by pulsed-field gel electrophoresis and ribotyping to differentiate *Pseudomonas aeruginosa* serotype O11 strains, *Eur J Clin Microbiol Infect Dis.* 1992 Sep; 11(9):817-22. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.857, Times Cited – 38
- 80. Poh CL, Khng HP, Lim CK, Loh GK.** Molecular typing of *Neisseria gonorrhoeae* by restriction fragment length polymorphisms. *Genitourin Med.* 1992 Apr; 68(2):106-10. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.776, Times Cited – 12
- 81. Poh CL, Ocampo JC, Loh GK.** Genetic relationships among *Neisseria gonorrhoeae* serovars analysed by multilocus enzyme electrophoresis, *Epidemiol Infect.* 1992 Feb; 108(1):31-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.515, Times Cited – 8
- 82. Poh CL, Ocampo JC, Sng EH, Bygdeman SM.** Characterisation of PPNG and non-PPNG *Neisseria gonorrhoeae* isolates from Singapore. *Genitourin Med.* 1991 Oct; 67(5):389-93. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.776, Times Cited – 6
- 83. Poh CL, Ocampo JC, Sng EH, Bygdeman SM.** Rapid in situ generation of DNA restriction endonuclease patterns for *Neisseria gonorrhoeae*. *J Clin Microbiol.* 1989 Dec; 27(12):2784-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.631, Times Cited – 16
- 84. Poh CL, Bayly RC,** Regulation of isofunctional enzymes in *Pseudomonas alcaligenes* mutants defective in the gentisate pathway. *J Appl Bacteriol.* 1988 May; 64(5):451-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.811, Times Cited – 7
- 85. Poh CL, Loh GK.** Enzymatic characterization of *Pseudomonas cepacia* by API ZYM profile. *J Clin Microbiol.* 1988 Mar; 26(3):607-8. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 3.631, Times Cited – 11
- 86. Poh CL, Yap EH, Tay L, Bergan T.** Plasmid profiles compared with serotyping and pyocin typing for epidemiological surveillance of *Pseudomonas aeruginosa*. *J Med Microbiol.* 1988

Feb; 25(2):109-14. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.269, Times Cited – 16

- 87. Bergan T, Lolekha S, Cheong MK, Poh CL, Doencham S, Charoenpipop D.** Effect of recent antibacterial agents against bacteria causing diarrhoea. *Scand J Infect Dis Suppl.* 1988; 56:7-10. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.366, Times Cited – 0
- 88. Bergan T, Lolekha S, Cheong MK, Poh CL, Patancharoen S.** Consequences of diarrhoeal disease on the pharmacokinetics of norfloxacin. *Scand J Infect Dis Suppl.* 1988; 56:11-3. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 1.366, Times Cited – 0
- 89. Poh CL, Yap EH, Tay L, Loh GK, Thong TW.** Predominance of *Pseudomonas aeruginosa* serotype 11, pyocin types 1 and 10 in Singapore. *Singapore Med J.* 1986 Apr; 27(2):135-9.
- 90. Poh CL, Loh GK.** Enzymatic profile of clinical isolates of *Acinetobacter calcoaceticus*. *Med Microbiol Immunol (Berl).* 1985; 174(1):29-33. Thomson Reuters 2015 Journal Citation Report: Impact Factor – 2.302, Times Cited – 6
- 91. Poh CL, Bayly RC.** Evidence for isofunctional enzymes used in m-cresol and 2,5-xyleneol degradation via the gentisate pathway in *Pseudomonas alcaligenes*. *J Bacteriol.* 1980 Jul; 143(1):59-69.