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Publications:

1. Hsueh, P. R., L. J. **Tseng, S. P.**, Tseng, C. F. Chang, J. H. Wan, J. J. Yan, C. M. Lee, Y. C. Chuang, W. K. Huang, D. Yang, J. M. Shyr, K. W. Yu, L. S. Wang,

- J. J. Lu, W. C. Ko, J. J. Wu, F. Y. Chang, Y. C. Yang, Y. J. Lau, Y. C. Liu, C. Y. Liu, S. W. Ho, and K. T. Luh. Ciprofloxacin-resistant *Salmonella enterica* Typhimurium and *Choleraesuis* from pigs to humans, Taiwan. *Emerging Infectious Disease* 2004;10:60-68.
2. Wang, J. L., **S. P. Tseng**, P. R. Hsueh, and K. Hiramatsu. Vancomycin heteroresistance in methicillin-resistant *Staphylococcus aureus*, Taiwan. *Emerging Infectious Disease* 2004;10:1702-1704.
 3. Hsueh, P. R., **S. P. Tseng**, L. J. Teng, and S. W. Ho. High prevalence of ciprofloxacin-resistant *Neisseria gonorrhoeae* in Northern Taiwan. *Clinical Infectious Disease* 2005;40:188-192.
 4. Sun, H. Y., **S. P. Tseng**, P. R. Hsueh, C. C. Hung, S. M. Hsieh, L. J. Teng, and S. W. Ho. Occurrence of ceftriaxone resistance in ciprofloxacin-resistant *Salmonella enterica* serotype *Choleraesuis* isolates causing recurrent infection. *Clinical Infectious Disease* 2005;40:208-209.
 5. Hsueh, P. R., **S. P. Tseng**, L. J. Teng, and S. W. Ho. Pan-drug-resistant *Pseudomonas aeruginosa* causing nosocomial infection at a university hospital in Taiwan. *Clinical Microbiology and Infectious* 2005;11:670-673.
 6. Liao, C. H., **S. P. Tseng**, C. T. Fang, L. J. Teng, and P. R. Hsueh. First linezolid- and vancomycin-resistant *Enterococcus faecium* strain in Taiwan. *Journal of Antimicrobial Chemotherapy* 2005;55:598-599.
 7. Tsai, J. C., P. R. Hsueh, H. J. Chen, **S. P. Tseng**, P. Y. Chen, and L. J. Teng. The *erm(T)* gene is flanked by IS1216V in inducible erythromycin-resistant *Streptococcus gallolyticus* subsp. *pasteurianus*. *Antimicrobial Agents and Chemotherapy* 2005;49:4347-4350.
 8. Wang, J. L., J. H. Kao, **S. P. Tseng**, L. J. Teng, S. W. Ho, and P. R. Hsueh. Typhoid fever and typhoid hepatitis in Taiwan. *Epidemiology and Infection* 2005;133:1073-1079.
 9. Chuang, Y. M., **S. P. Tseng**, L. J. Teng, Y. C. Ho, and P. R. Hsueh. Emergence of cefotaxime resistance in *Citrobacter freundii* causing necrotizing fasciitis and osteomyelitis. *Journal of Infection* 2006;53:e161-163.
 10. Huang, Y. H., **S. P. Tseng**, J. M. Hu, J. C. Tsai, P. R. Hsueh, and L. J. Teng. Clonal spread of SCCmec type IV methicillin-resistant *Staphylococcus aureus*

between community and hospital. *Clinical Microbiology and Infectious* 2007;13:717-724.

11. **Tseng, S. P.**, P. R. Hsueh, J. C. Tsai, and L. J. Teng. Characterization of Tn6001, a transposon-like element containing the blaVIM-3-harboring integron In450. *Antimicrobial Agents and Chemotherapy* 2007;51:4187-4190.
12. Liu, L. C., J. C. Tsai, P. R. Hsueh, **S. P. Tseng**, W. C. Hung, H. J. Chen, and L. J. Teng. Identification of tet (S) gene area in tetracycline-resistant *Streptococcus dysgalactiae* subsp. *equisimilis* clinical isolates. *Journal of Antimicrobial Chemotherapy* 2008;61:453-455.
13. Chen, H. J., J. C. Tsai, T. C. Chang, W. C. Hung, **S. P. Tseng**, P. R. Hsueh, and L. J. Teng. PCR-RFLP assay for species and subspecies differentiation of the *Streptococcus bovis* group based on groESL sequences. *Journal of Medical Microbiology* 2008;57:432-438.
14. **Tseng, S. P.**, L. J. Teng, C. T. Chen, T. H. Lo, W. C. Hung, H. J. Chen, P. R. Hsueh, and J. C. Tsai. Toluidine Blue O Photodynamic inactivation on multidrug-resistant *Pseudomonas aeruginosa*. *Lasers in Surgery and Medicine* 2009;41:391-397.
15. **Tseng, S. P.**, J. C. Tsai, L. J. Teng, and P. R. Hsueh. Dissemination of transposon Tn6001 in carbapenem-nonsusceptible and extensively drug-resistant *Pseudomonas aeruginosa*. *Journal of Antimicrobial Chemotherapy* 2009;64:1170-1174.
16. **Tseng, S. P.**, Y. Y. Lin, J. C. Tsai, P. R. Hsueh, H. J. Chen, W. C. Hung, and L. J. Teng. Distribution of emm types and genetic characterization of the mgc locus in group G *Streptococcus dysgalactiae* subsp. *equisimilis* from a hospital in northern Taiwan. *Journal of Clinical Microbiology*. 2010; 48:2975-2977.
17. Huang, W. C., **S. P. Tseng**, H. J. Chen, J. C. Tsai, C. H. Chang, T. F. Lee, P. R. Hsueh, and L. J. Teng. Using groESL as a target for identification of *Abiotrophia*, *Granulicatella*, and *Gemella* Species. *Journal of Clinical Microbiology*. 2010; 48:3532-3538.
18. Chen, H. J., W. C. Hung, **S. P. Tseng**, J. C. Tsai, P. R. Hsueh, and L. J. Teng. Fusidic acid resistance determinants in *Staphylococcus aureus* clinical isolates. *Antimicrobial Agents and Chemotherapy*. 2010; 54:4985-4991.

19. 曾嵩斌、鄧麗珍 甲氧苯青黴素抗藥性金黃色葡萄球菌的快速檢測。科儀新知。民國九十九年第三十二卷第二期第二十六至三十二頁
20. 曾嵩斌、鄧麗珍、許博欽、林俊彬、蔡瑞章 光動力醫學在牙醫學、婦科及神經外科的應用。台灣醫學。2011年15卷5期507-511頁
21. Tseng, S.P., L. J. Teng, and J. C. Tsai. Photodynamic inactivation enhanced by special biomaterial on methicillin-resistant *Staphylococcus aureus*. *Photodiagnosis and Photodynamic Therapy*. 2011; 8:224.
22. Chung, K. P#, S. P. Tseng#, Y. T. Huang, T. H. Tsai, L. J. Teng, and P. R. Hsueh. Arrival of *Klebsiella pneumoniae carbapenemase (KPC)-2* in Taiwan. *Journal of Antimicrobial Chemotherapy*. 2011; 66: 1182-1184. (#equal contribution)
23. Lai, C. C., T. L. Lin, S. P. Tseng, Y. T. Huang, S. C. Chang, L. J. Teng, P. R. Hsueh, and J. T. Wang. Pelvic abscess caused by New Delhi metallo- β -lactamase-1-producing *Klebsiella oxytoca* in Taiwan in a patient who underwent renal transplantation in China. *Diagnostic Microbiology and Infectious Disease*. 2011; 71:474-475.
24. Chen, H. J., J. C. Tsai, W. C. Hung, S. P. Tseng, P. R. Hsueh, and L. J. Teng. Identification of *fusB*-mediated fusidic acid resistance islands in *Staphylococcus epidermidis* isolates *Antimicrobial Agents and Chemotherapy*. 2011; 55:5842-5849.
25. Hung, W. C., H. J. Chen, S. P. Tseng, S. J. Liaw, J. C. Tsai, P. R. Hsueh, and L. J. Teng. Genetic and transcriptional organization of the *groEL* operon containing *trxA* in *Gemella morbillorum*. *GENE*. 2012; 497: 307-313
26. Ho, C.M., M.W. Ho, C. Y. Chi, C. D. Lin, CD, C. W. Lin, S. P. Tseng, L. J. Teng, H. Y. Chang, H. L. Chang, Y. F. Chang, H. H. Lin, N. Tien, J. J. Lu, and C. H. Lai. Repeated colonization by multi-drug-resistant *Acinetobacter calcoaceticus- A. baumannii* complex and changes in antimicrobial susceptibilities in surgical intensive care units. *Surgical Infections*. 2013;14(1):43-8.
27. Chen, H. J., Y. C. Chang, J. C. Tsai, W. C. Hung, Y. T. Lin, S. J. You, S. P. Tseng, and L. J. Teng. New structure of phage-related islands carrying *fusB* and a virulence gene in fusidic acid-resistant *Staphylococcus epidermidis*. *Antimicrobial Agents and Chemotherapy*. 2013; 57(11) :5737-9.

28. **Tseng, S. P.**, S. H. Teng, P. S. Lee, C. F. Wang, J. S. Yu, and P. L. Lu. Rapid identification of *Mycobacteria abscessus* and *Mycobacteria massiliense* by matrix-assisted laser desorption ionization – time of flight mass spectrometry with a comparison to sequencing identification, multi-locus sequence analysis and antimicrobial susceptibility patterns. *Future Microbiology*. 2013; 8(11):1381-9.
29. **Tseng, S. P.**, J. T. Wang, C. Y. Liang, P. S. Lee, Y. C. Chen, and P. L. Lu. The First report of blaIMP-8 in *Raoultella planticola*. *Antimicrobial Agents and Chemotherapy*. 2014; 58(1):593-5.
30. Hung WC, Chen HJ, Tsai JC, **Tseng SP**, Lee TF, Hsueh PR, Shieh WY, Teng LJ. *Gemella parahaemolysans* sp. nov. and *Gemella taiwanensis* sp. nov., isolated from human clinical specimens. *International Journal of Systematic and Evolutionary Microbiology*. 2014; 64, 2060–5.
31. **Tseng, SP**, Y. T. LIN, J. C. Tsai, W. C. Huang, H. J. Chen, P. F. Chen, P. R. Hsueh, and L. J. Teng. Genotypes and phenotypes of *Staphylococcus lugdunensis* isolates recovered from bacteremia. *Journal of Microbiology, Immunology and Infection*. 2014 (*in press*)
32. **Tseng SP**, Tsai WC, Liang CY, Lin YC, Huang JW, Chang CY, Tyan YC, Lu PL. The contribution of antibiotic resistance mechanisms in clinical *Burkholderia cepacia* complex isolates: an emphasis on efflux pump activity. *PLoS One*. 2014 9(8):e104986
33. Wang SF, **Tseng SP**, Yen CH, Yang JY, Tsao CH, Shen CW, Chen KH, Liu FT, Liu WT, Chen YM, Huang JC. Antibody-dependent SARS coronavirus infection is mediated by antibodies against spike proteins. *Biochemical and Biophysical Research Communications*. 2014; 22;451(2):208-14
34. **Tseng SP**, Hung WC, Chen HJ, Lin YT, Jiang HS, Chiu HC, Hsueh PR, Teng LJ, Tsai JC. Effects of toluidine blue O (TBO)-photodynamic inactivation on community-associated methicillin-resistant *Staphylococcus aureus* isolates. *Journal of Microbiology, Immunology and Infection*. 2014 (*accept*)
35. Wang SF, Su MW, **Tseng SP**, Li MC, Tsao CH, Huang SW, Chu WC, Liu WT, Chen YM, Huang JC. Analysis of codon usage preference in hemagglutinin genes of the swine-origin influenza A (H1N1) virus. *Journal of Microbiology, Immunology and Infection*. 2014 (*in press*)