

*鄧致剛教授

所有發表期刊論文

1. Huang PJ, Lee CC, Tan BCM, Yeh YM, Chu JLC, Chen TW, Chang KP, Gan RC, Liu H, Tang P.* (2014) CMPD: Cancer Mutant Proteome Database. Nucleic Acids Res. doi:10.1093/nar/gku1182
2. Huang PJ, Lee CC, Yeh YM, Huang KY, Gan RC, Chen TW, Lee CY, Yang ST, Liao CS, Liu H*, Tang P.* (2014) Vanno: A Visualization-aided Variant Annotation Tool. Hum Mutat doi: 10.1002/humu.22684
3. Huang KY, Chen YYM, Fang YK, Cheng WH, Cheng CC, Chen YC, Wu TE, Ku FM, Chen SC, Lin R, Tang P.*. (2014) Adaptive responses to glucose restriction enhance cell survival, antioxidant capability, and autophagy of the protozoan parasite *Trichomonas vaginalis*. BBA-Gen Subjects. 1840(1):53–64.
4. Chen TW, Li HP, Lee CC, Gan RC, Huang PJ, Wu TH, Lee CY, Chang YF, Tang P.*. (2014) ChIPseek, a web-based analysis tool for ChIP data. BMC Genomics 13:539.
5. Fang YK, Huang KY, Huang PJ, Lin R, Chao M, Tang P* (2014) Gene expression analysis of cold-stress response in the sexually transmitted protist *Trichomonas vaginalis*. J Microbiol Immunol (in press)
6. Wang FF, Chan W, Cho WC, Tang P, Yu J, Shyu CR, Tsui NBY, Wong SCC, Siu PM, Yip SP, Yung BYM (2014) Novel Approach for Co-expression Analysis of E2F1–3 and MYC Target Genes in Chronic Myelogenous Leukemia. Biomed Res Int (in press)
7. Wang FF, Chan LW, Law HK, Cho WC, Tang P, Yu J, Shyu C6, Wong SC, Yip SP, Yung BY. (2014) Exploring microRNA-mediated alteration of EGFR signaling pathway in non-small cell lung cancer using an mRNA:miRNA regression model supported by target prediction databases. Genomics (in press)
8. Weng KF, Hung CT, Hiej PT, Li ML, Chen GW, Kung YA, Huang PN, Kuo RL, Chen LL, Lin JY, Wang RYL, Chen SJ, Tang P, Horng JT, Huang I, Wang JR, Qjcius D, Brewer G, Shih SR. (2014) A Cytoplasmic RNA Virus Generates Functional Viral Small RNAs and Regulates Viral IRES Activity in Mammalian Cells. Nucleic Acids Res. (in press)
9. Chou LF, Chen TW, Ko YC, Pan MJ, Tian YC, Chiu CH, Tang P, Hung CC, Yang CW (2014) Potential Impact on Kidney Infection: Whole Genome Analysis for *Leptospira santarosai* serovar Shermani. Emerging Microbes & Infections (in press)
10. Yen HC, Li SL, Hsu C, Tang P. (2014) Interference of Co-amplified Nuclear Mitochondrial DNA Sequences on the Determination of Human mtDNA Heteroplasmy by Using the SURVEYOR Nuclease and the WAVE HS System Plos One 9(3)e92817.
11. Chang SH, Tang P, Yen CM, Chow KP, Wang LC*. (2014) A transcriptomic analysis on gene expressions in the infective third and pathogenic fifth larval stages of *Angiostrongylus cantonensis*. Parasitol Int. 63(1):42-48.
12. Huang PJ, Yeh YM, Gan RCR, Lee CC, Chen TW, Lee CY, Liu H, Chen SJ*, Tang P*. (2013) CPAP: Cancer Panel Analysis Pipeline. Hum Mutat 34(10):1340-1346.
13. Wang LC, Chen KY, Chang SH, Chung LY, Gan RCR, Cheng CL, Tang P*. (2013) Transcriptome profiling of the fifth-stage larvae of *Angiostrongylus*

- cantonensis by next-generation sequencing. *Parasitol Res.* 112(9):3193-3202.
- 14. Huang KY, Shin JW, Huang PJ, Ku FM, Lin WC, Lin R, Hsu WM, Tang P*. (2013) Functional profiling of the *Tritrichomonas foetus* transcriptome and proteome. *Mol. Biochem. Parasitol.* 187:60–71.
 - 15. Yeh YM, Huang KY, Gan RRC, Huang HD, Wang TC, Tang P*. (2013) Phosphoproteome profiling of the sexually transmitted pathogen *Trichomonas vaginalis*. *J. Microbiol. Infect. Immunol.* 46:366-373.
 - 16. Chang SH, Tang P, Lai CH, Kuo ML, Wang LC (2013) Identification and characterization of microRNAs in young adults of *Angiostrongylus cantonensis* by a deep-sequencing approach. *Mem I Oswaldo Cruz* 108(6):699-706.
 - 17. Chen YC, Hsiao CC, Chen KD, Hung YC, Wu CY, Lie CH, Liu SF, Sung MT, Chen CJ, Wang TY, Chang JC, Tang P, Fang WF, Wang YH, Chung YH, Chao TY, Leung SY, Su MC, Wang CC, Lin MC*. (2013) Peripheral immune cell gene expression changes in advanced non-small cell lung cancer patients treated with first line combination chemotherapy. *PLoS One* 8(2):e57053.
 - 18. Chen CL#, Lai YF#, Tang P#, Chien KY, Yu JS, Tsai CN, Chen HW, Wu CC, Chung T, Hsu CW, Chen CD, Chang YS, Chang PL, Chen YT* (2012) Comparative and targeted proteomic analyses of urinary microparticles from bladder cancer and hernia patients. *J. Proteome Res.* 11(12):5611-29.
 - 19. Clarke M, Lohan AJ, Liu B, Lagkouvardos I, Roy S, Zafar N, Bertelli C, Schilde C, Kianianmomeni A, Burglin TR, Frech C, Turcotte B, Kopec KO, Synnott JM, Choo C, Paponov I, Finkler A, Soon Heng Tan C, Hutchins AP, Weinmeier T, Rattei T, Chu JS, Gimenez G, Irimia M, Rigden DJ, Fitzpatrick DA, Lorenzo-Morales J, Bateman A, Chiu CH, Tang P, Hegemann P, Fromm H, Raoult D, Greub G, Miranda-Saavedra D, Chen N, Nash P, Ginger ML, Horn M, Schaap P, Caler L, Loftus B*. (2013) Genome of *Acanthamoeba castellanii* highlights extensive lateral gene transfer and early evolution of tyrosine kinase signaling. *Genome Biol.* 14(2):R11.
 - 20. Horváthová L, Šafaříková L, Basler M, Hrdý I, Campo NB, Shin JW, Huang KY, Huang PJ, Lin R, Tang P*, Tachezy J*. (2012) Transcriptomic identification of iron-regulated and iron-independent gene copies within the heavily duplicated *Trichomonas vaginalis* genome. *Genome Biol. Evol.* 4: 905-917.
 - 21. Huang KY, Huang PJ, Ku FM, Lin R, Alderete JF*, Tang P* (2012) New perspectives on the responses of *Trichomonas vaginalis* following adherence to fibronectin by comparative transcriptomic and proteomic analyses. *Infect. Immun.* 80(11):3900-3911.
 - 22. Chen TW, Gan RCR, Wu TH, Huang PJ, Lee CY, Chen YYM, Chen CC and Tang P*. (2012) FastAnnotator: an efficient transcript annotation web tool. *BMC Genomics Genomics* 13:Suppl 8, S9
 - 23. Chen TW, Gan RRC, Wu TH, Lin WC, Tang P*. (2012) VIP DB - a viral protein domain usage and distribution database. *Genomics* 100:149-156.
 - 24. Geng J, Chiu CH, Tang P, Chen Y, Shieh HR, Hu SN, and Chen YM*. (2012). Complete genome and transcriptomes of *Streptococcus parasanguinis* FW213: phylogenetic relations and potential virulence mechanisms. *PLoS ONE* 7(4): e34769.
 - 25. Yu D, Wang Y, Fang X, Hu S, Tang P, Fu Y* (2012) Acquisition of hydrogenosomal presequences: examples from *Trichomonas vaginalis*.

- FEMS Microbiology Letters 330(2):127-31.
- 26. Huang PJ, Lin WC, Chen SC, Lin YH, Sun CH, Lyu PC, Tang P* (2012) Identification of putative miRNA from the deep-branching unicellular flagellates. *Genomics* 99(2):201-207
 - 27. Ma L, Chen K, Meng Q, Liu Q, Tang P, Hu S, Yu J*. (2011) An evolutionary analysis of trypanosomatid GP63 proteases. *Parasitol Res.* 109(4):1075-84.
 - 28. Chang SH, Tang P, Wang LC*. (2011) A transcriptomic study on the pepsin-activated infective larvae of *Angiostrongylus cantonensis*. *Mol Biochem Parasitol.* 179(1):47-50
 - 29. Chen TH, Tang P#, Yang CF, Kao LH, Lo YP, Chuang CK, Shih YT, Chen WJ* (2011) Antioxidant defense is one of the mechanisms by which mosquito cells survive dengue 2 viral infection. *Virology* 410(2):410-7.
 - 30. Ma L, Meng Q, Cheng W, Sung Y, Tang P, Hu S, Yu J*. (2011) Involvement of the GP63 protease in infection of *Trichomonas vaginalis*. *Parasitol Res.* 109(1): 71-79.
 - 31. Chen WJ, Tang P#, Hseu YC, Chen CC, Huang KY, Chen SC* (2011) A proteome analysis of the tetracyanonickelate (II) responses in *Klebsiella oxytoca*. *Environmental Microbiology Reports* 3(1):106-111.
 - 32. Tang P, Wang LC (2011) Uptake and utilization of arachidonic acid in infective larvae of *Angiostrongylus cantonensis*. *J Helminthol.* 85(4):395-400.
 - 33. Hang PJ, Liu YC, Lee CC, Lin WC, Gan RRC, Lyu PL, Tang P* (2010) DSAP: Deep-Sequencing Small RNA Analysis Pipeline. *Nucleic Acids Res.* 38 Suppl:W385-91.
 - 34. Noël CJ, Diaz N, Sicheritz-Ponten T, Safarikova L, Tachezy J, Tang P, Fiori PL, Hirt RP*. (2010) *Trichomonas vaginalis* BspA-like vast gene family: evidence for functional diversity. *BMC Genomics* 11:99.
 - 35. Tang P, Hseu YC, Chou HH, Huang KY, Chen SC* (2010) Proteomic analysis of the effect of cyanide on *Klebsiella oxytoca*. *Curr. Microbiol.* 60(3):224-228.
 - 36. Tsui KH, Tang P#, Lin CY, Chang PL, Chang CH, Chiu YM, Yung, BYM* (2010) Bikunin Loss in Urine as Useful Marker for Bladder Carcinoma. *J. Urology.* 183, 339-344.
 - 37. Lin WC, Huang KY, Chen SC, Huang TY, Chen SJ, Huang PJ, Tang P*. (2009) Malate dehydrogenase is negatively regulated by miR-1 in *Trichomonas vaginalis*. *Parasitol. Res.* 105: 1683-1689.
 - 38. Tse KP, Su WH, Chang KP, Tsang NM, Yu CJ, Tang P, See LC, Hsueh C, Yang ML, Hao SP, Li HY, Wang MH, Liao LP, Chen LC, Lin SR, Jorgensen TJ, Chang YS*, Shugart YY. (2009) Genome-wide Association Study Reveals Multiple Nasopharyngeal Carcinoma-Associated Loci within the HLA Region at Chromosome 6p21.3. *Am J Hum Genet.* 85 (2):194-203.
 - 39. Feng Y, Hsiao YH, Chen HL, Chu C, Tang P, Chiu CH*. (2009) Apoptosis-like cell death induced by *Salmonella* in *Acanthamoebahysodes*. *Genomics.* 94(2):132-7.
 - 40. Ding F, Tang P#, Hsu MH, Cui P, Hu SN, Yu J, Chiu CH* (2009) Genome Evolution Driven by Host Adaptations Results in a More Virulent and Resistant *Streptococcus pneumoniae* Serotype 14. *BMC Genomics* 10:158. (equal contribution)
 - 41. Lin WC, Li SC, Lin WC, Shin JW, Hu SN, Yu XM, Huang TY, Chen SC, Chen HC, Chen SJ, Huang PJ, Gan RRC, Chiu CH, Tang P* (2009) Identification of

- microRNA in the protist *Trichomonas vaginalis*. *Genomics* 93: 487–493.
42. Huang KY, Chien KY, Lin YC, Hsu WM, Fong IK, Huang PJ, Yueh YM, Gan RRC, Tang P*. (2009) A Proteome Reference Map of *Trichomonas vaginalis*. *Parasitol. Res.* 104(4):927-933.