

*吳治慶副教授

所有發表期刊論文

1. Wang LJ, Huang HY, Huang MP, Liou W, Chang YT, **Wu CC**, Ojcius DM, Chang YS. The microtubule-associated protein EB1 links AIM2 inflammasomes with autophagy-dependent secretion. **J Biol Chem** 2014, 289(42), 29322-33.
2. Wang LJ, **Wu CC**, Lee SY, Tsai YF. Salivary neurosteroid levels and behavioural profiles of children with attention-deficit/hyperactivity disorder during six months of methylphenidate treatment. **J Child Adolesc Psychopharmacol** 2014, 24 (6), 336-40.
3. Hsu CW, Yu JS, Peng PH, Liu SC, Chang YS, Chang KP, **Wu CC**. Secretome profiling of primary cells reveals that THBS2 is a salivary biomarker of oral cavity squamous cell carcinoma. **J Proteome Res** 2014, 13(11), 4796-807.
4. Chen CD, Wang CL, Yu CJ, Chien KY, Chen YT, Chen MC, Chang YS, **Wu CC**[#], Yu JS[#]. Targeted proteomics pipeline reveals potential biomarkers for the diagnosis of metastatic lung cancer in pleural effusion. **J Proteome Res** 2014, 13(6), 2818-29. ([#]corresponding author)
5. **Wu CC**, Chang YT, Chang KP, Liu YL, Liu HP, Lee IL, Yu JS, Chiang WF. Salivary auto-antibodies as noninvasive diagnostic markers of oral cavity squamous cell carcinoma. **Cancer Epidemiol Biomarkers Prev** 2014, 23(8), 1569-78.
6. Yeh YM, Chen CY, Huang PR, Hsu CW, **Wu CC**[#], Wang TC[#]. Proteomic analyses of genes regulated by heterogeneous nuclear ribonucleoproteins A/B in Jurkat cells. **Proteomics** 2014, 14(11), 1357-66. ([#]corresponding author)
7. Chen CC, Liu HP, Chao M, Liang Y, Tsang NM, Huang HY, **Wu CC**, Chang YS. NF-κB-mediated transcriptional upregulation of TNFAIP2 by the Epstein-Barr virus oncoprotein, LMP1, promotes cell motility in nasopharyngeal carcinoma. **Oncogene** 2014, 33(28), 3648-59.
8. Lin HR*, **Wu CC**^{*,#}, Wu YH, Hsu CW, Cheng ML, Chiu DT. Proteome-wide dysregulation by glucose-6-phosphate dehydrogenase (G6PD) reveals a novel protective role for G6PD in aflatoxin B₁-mediated cytotoxicity. **J Proteome Res** 2013, 12(7), 3434-48. (*equal contribution, [#]corresponding author)
9. Chen CL, Lin TS, Tsai CH, **Wu CC**, Chung T, Chien KY, Wu M, Chang YS, Yu JS, Chen YT. Identification of potential bladder cancer markers in urine by abundant-protein depletion coupled with quantitative proteomics. **J Proteomics** 2013, 85, 28-43.

10. Chang KP, **Wu CC**, Fang KH, Tsai CY, Chang YL, Liu SC, Kao HK. Serum levels of chemokine (C-X-C motif) ligand 9 (CXCL9) are associated with tumor progression and treatment outcome in patients with oral cavity squamous cell carcinoma. **Oral Oncol** 2013, 49(8), 802-7.
11. Chang KP, Kao HK, **Wu CC**, Fang KH, Chang YL, Huang YC, Liu SC, Cheng MH. Pretreatment interleukin-6 serum levels are associated with patient survival for oral cavity squamous cell carcinoma. **Otolaryngol Head Neck Surg** 2013, 148(5), 786-91.
12. Chang YF, Yu JS, Chang YT, Su LC, **Wu CC**, Chang YS, Lai CS, Chou C. The utility of a high-throughput scanning biosensor in the detection of the pancreatic cancer marker ULBP2. **Biosens Bioelectron** 2013, 41(1), 232-7.
13. Wang LJ, Hsu CW, Chen CC, Liang Y, Chen LC, Ojcius DM, Tsang NM, Hsueh C, **Wu CC**[#], Chang YS[#]. Interactome-wide analysis identifies end-binding protein 1 as a crucial component for the speck-like particle formation of activated AIM2 inflammasomes. **Mol Cell Proteomics** 2012, 11(11), 1230-44. ([#]corresponding author)
14. Tsai MH, **Wu CC**, Peng PH, Liang Y, Hsiao YC, Chien KY, Chen JT, Lin SJ, Tang RP, Hsieh LL, Yu JS. Identification of secretory gelsolin as a plasma biomarker associated with distant organ metastasis of colorectal cancer. **J Mol Med** 2012, 90(2), 187-200.
15. Liu HP, Chen CC, **Wu CC**, Huang YC, Liu SC, Liang Y, Chang KP, Chang YS. Epstein-Barr Virus-Encoded LMP1 Interacts with FGD4 to Activate Cdc42 and Thereby Promote Migration of Nasopharyngeal Carcinoma Cells. **PLoS Pathog** 2012, 8(5), e1002690.
16. Hsu CC, Lee YC, Yeh SH, Chen CH, **Wu CC**, Wang TY, Chen YN, Hung LY, Liu YW, Chen HK, Hsiao YT, Wang WS, Tsou JH, Tsou YH, Wu MH, Chang WC, Lin DY. 58-kDa microspherule protein (MSP58) is novel Brahma-related gene 1 (BRG1)-associated protein that modulates p53/p21 senescence pathway. **J Biol Chem** 2012, 287(27), 22533-48.
17. Chen YT, Chen HW, Domanski D, Smith DS, Liang KH, **Wu CC**, Chen CL, Chung T, Chen MC, Chang YS, Parker CE, Borchers CH, Yu JS. Multiplexed quantification of 63 proteins in human urine by multiple reaction monitoring-based mass spectrometry for discovery of potential bladder cancer biomarkers. **J Proteomics** 2012, 75(12), 3529-45.
18. Chen CL, Lai YF, Tang P, Chien KY, Yu JS, Tsai CH, Chen HW, **Wu CC**, Chung T, Hsu CW, Chen CD, Chang YS, Chang PL, Chen YT. Comparative and targeted proteomic analyses of urinary microparticles from bladder cancer and hernia patients. **J Proteome Res** 2012, 11(12), 5611-29.

19. Yu CJ, Wang CL, Wang CI, Chen CD, Dan YM, **Wu CC**, Wu YC, Lee IN, Tsai YH, Chang YS, Yu JS. Comprehensive proteome analysis of malignant pleural effusion for lung cancer biomarker discovery by using multidimensional protein identification technology. **J Proteome Res** 2011, 10(10), 4671-82.
20. Yu CJ, Chang KP, Chang YJ, Hsu CW, Liang Y, Yu JS, Chi LM, Chang YS, **Wu CC**. Identification of guanylate-binding protein 1 as a potential oral cancer marker involved in cell invasion using omics-based analysis. **J Proteome Res** 2011, 10(8), 3778-88.
21. Wang LJ, Huang YS, Hsiao CC, Chiang YL, **Wu CC**, Shang ZY, Chen CK. Salivary dehydroepiandrosterone, but not cortisol, is associated with attention deficit hyperactivity disorder. **World J Biol Psychiatry** 2011, 12(2), 99-109.
22. Wang LJ, Hsiao CC, Huang YS, Chiang YL, Ree SC, Chen YC, Wu YW, **Wu CC**, Shang ZY, Chen CK. Association of salivary dehydroepiandrosterone levels and symptoms in patients with attention deficit hyperactivity disorder during six months of treatment with methylphenidate. **Psychoneuroendocrinology** 2011, 36(8), 1209-16.
23. Wang CI, Wang CL, Wang CW, Chen CD, **Wu CC**, Liang Y, Tsai YH, Chang YS, Yu JS, Yu CJ. Importin subunit alpha-2 is identified as a potential biomarker for non-small cell lung cancer by integration of the cancer cell secretome and tissue transcriptome. **Int J Cancer** 2011, 128(10), 2364-72.
24. Peng PH, **Wu CC**[#], Liu SC, Chang KP, Chen CD, Chang YT, Hsu CW, Chang YS, Yu JS[#]. Quantitative plasma proteome analysis reveals aberrant level of blood coagulation-related proteins in nasopharyngeal carcinoma. **J Proteomics** 2011, 74(5), 744-57. ([#]corresponding author)
25. Liu HP*, **Wu CC***, Kao HY, Huang YC, Liang Y, Chen CC, Yu JS, Chang YS. Proteome-wide dysregulation by PRA1 depletion delineates a role of PRA1 in lipid transport and cell migration. **Mol Cell Proteomics** 2011, 10(3), M900641MCP200. (*equal contribution)
26. Chang YT, **Wu CC**[#], Shyr YM, Chen TC, Hwang TL, Yeh TS, Chang KP, Liu HP, Liu YL, Tsai MH, Chang YS, Yu JS[#]. Secretome-Based Identification of ULBP2 as a Novel Serum Marker for Pancreatic Cancer Detection. **PloS One** 2011, 6(5), e20029. ([#]corresponding author)
27. Chang KP, Chang YT, **Wu CC**, Liu YL, Chen MC, Tsang NM, Hsu CL, Chang YS, Yu JS. Multiplexed immunobead-based profiling of cytokine markers for detection of nasopharyngeal carcinoma and prognosis of patient survival. **Head Neck** 2011, 33(6), 886-97.
28. Chang KP, Chang YT, Liao CT, Yen TC, Chen IH, Chang YL, Liu YL, Chang YS, Yu JS[#], **Wu CC**[#]. Prognostic cytokine markers in peripheral blood for oral cavity

- squamous cell carcinoma identified by multiplexed immunobead-based profiling. **Clin Chim Acta** 2011, 412(11-12), 980-7. (#corresponding author)
29. Zhai HL, Chang YT, **Wu CC**, Yu JS. An approach to the elimination of inter-individual variability in tumor detection. **Analyst** 2010, 135(5), 875-9. (#corresponding author)
 30. **Wu CC***, Hsu CW*, Chen CD, Yu CJ, Chang KP, Tai DI, Liu HP, Su WH, Chang YS, Yu JS. Candidate serological biomarkers for cancer identified from the secretomes of 23 cancer cell lines and the human protein atlas. **Mol Cell Proteomics** 2010, 9(6), 1100-17. (*equal contribution)
 31. Chen YT, Chen CL, Chen HW, Chung T, **Wu CC**, Chen CD, Hsu CW, Chen MC, Tsui KH, Chang PL, Chang YS, Yu JS. Discovery of novel bladder cancer biomarkers by comparative urine proteomics using iTRAQ technology. **J Proteome Res** 2010, 9(11), 5803-15.
 32. Chang KP*, **Wu CC***, Chen HC, Chen SJ, Peng PH, Tsang NM, Lee LY, Liu SC, Liang Y, Lee YS, Hao SP, Chang YS, Yu JS. Identification of candidate nasopharyngeal carcinoma serum biomarkers by cancer cell secretome and tissue transcriptome analysis: potential usage of cystatin A for predicting nodal stage and poor prognosis. **Proteomics** 2010, 10(14), 2644-60. (*equal contribution)
 33. Wang CL, Wang CI, Liao PC, Chen CD, Liang Y, Chuang WY, Tsai YH, Chen HC, Chang YS, Yu JS, **Wu CC#**, Yu CJ#. Discovery of retinoblastoma-associated binding protein 46 as a novel prognostic marker for distant metastasis in nonsmall cell lung cancer by combined analysis of cancer cell secretome and pleural effusion proteome. **J Proteome Res** 2009, 8(10), 4428-40. (#corresponding author)
 34. Chang YH*, **Wu CC***, Chang KP, Yu JS, Chang YC, Liao PC. Cell secretome analysis using hollow fiber culture system leads to the discovery of CLIC1 protein as a novel plasma marker for nasopharyngeal carcinoma. **J Proteome Res** 2009, 8(12), 5465-74. (*equal contribution)
 35. **Wu CC***, Peng PH*, Chang YT, Huang YS, Chang KP, Hao SP, Tsang NM, Yeh CT, Chang YS, Yu JS. Identification of potential serum markers for nasopharyngeal carcinoma from a xenografted mouse model using Cy-dye labeling combined with three-dimensional fractionation. **Proteomics** 2008, 8(17), 3605-20. (*equal contribution)
 36. **Wu CC***, Huang YS*, Lee LY, Liang Y, Tang RP, Chang YS, Hsieh LL, Yu JS. Overexpression and elevated plasma level of tumor-associated antigen 90K/Mac-2 binding protein in colorectal carcinoma. **Proteomics Clin Appl** 2008, 2(12), 1586-95. (*equal contribution)

37. **Wu CC**, Chen HC, Chen SJ, Liu HP, Hsieh YY, Yu CJ, Tang R, Hsieh LL, Yu JS, Chang YS. Identification of collapsin response mediator protein-2 as a potential marker of colorectal carcinoma by comparative analysis of cancer cell secretomes. **Proteomics** 2008, 8(2), 316-32.
38. Weng LP, **Wu CC**, Hsu BL, Chi LM, Liang Y, Tseng CP, Hsieh LL, Yu JS. Secretome-based identification of Mac-2 binding protein as a potential oral cancer marker involved in cell growth and motility. **J Proteome Res** 2008, 7(9), 3765-75.
39. Ni MH, **Wu CC**, Chan WH, Chien KY, Yu JS. GSK-3 mediates the okadaic acid-induced modification of collapsin response mediator protein-2 in human SK-N-SH neuroblastoma cells. **J Cell Biochem** 2008, 103(6), 1833-48.
40. Chow KP, **Wu CC**, Chang HY, Chang C, Chang YS. A simplified tumour model established via Epstein-Barr virus-encoded, nasopharyngeal carcinoma-derived oncogene latent membrane protein 1 in immunocompetent mice. **Lab Anim** 2008, 42(2), 193-203.
41. Chang KP, Hao SP, Chang JH, **Wu CC**, Tsang NM, Lee YS, Hsu CL, Ueng SH, Liu SC, Liu YL, Wei PC, Liang Y, Chang YS, Yu JS. Macrophage inflammatory protein-3alpha is a novel serum marker for nasopharyngeal carcinoma detection and prediction of treatment outcomes. **Clin Cancer Res** 2008, 14(21), 6979-87.
42. Liu HP, **Wu CC**, Chang YS. PRA1 promotes the intracellular trafficking and NF-kappaB signaling of EBV latent membrane protein 1. **EMBO J** 2006, 25(17), 4120-30.
43. **Wu CC**, Chien KY, Tsang NM, Chang KP, Hao SP, Tsao CH, Chang YS, Yu JS. Cancer cell-secreted proteomes as a basis for searching potential tumor markers: nasopharyngeal carcinoma as a model. **Proteomics** 2005, 5(12), 3173-82.
44. Hsieh YJ, **Wu CC**, Chang CJ, Yu JS. Subcellular localization of Photofrin determines the death phenotype of human epidermoid carcinoma A431 cells triggered by photodynamic therapy: when plasma membranes are the main targets. **J Cell Physiol** 2003, 194(3), 363-75.
45. Chan WH, **Wu CC**, Yu JS. Curcumin inhibits UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermoid carcinoma A431 cells. **J Cell Biochem** 2003, 90(2), 327-38.
46. Yu JS, Tsai HC, **Wu CC**, Weng LP, Li HP, Chung PJ, Chang YS. Induction of inducible nitric oxide synthase by Epstein-Barr virus B95-8-derived LMP1 in Balb/3T3 cells promotes stress-induced cell death and impairs

LMP1-mediated transformation. **Oncogene** 2002, 21(52), 8047-61.