

List of Users' Publications:

2006

1. Lin DY, Huang YS, Jeng JC, Kuo HY, Chang CC, Chao TT, Ho CC, Chen YC, Lin TP, Fang HI, Hung CC, Suen CS, Hwang MJ, Chang KS, Maul GG and Shih HM. (2006). Role of SUMO-interacting motif in Daxx SUMO modification, subnuclear localization, and repression of sumoylated transcription factors. *Molecular Cell*. 24:(3)341-354. (I.F.:13.156; 施修明, 中央研究院生醫所)

2007

1. Yuh-Ching Twu, Chie-Pein Chen, Chuang-Yi Hsieh, Cheng-Hwai Tzeng, Chien-Feng Sun, Shih-Hsin Wang, Mau-Sun Chang and Lung-Chih Yu. (2007). I branching formation in erythroid differentiation is regulated by transcription factor C/EBP α . *Blood*. 110:(1)4526-4534. (I.F.:10.555; 余榮熾, 台灣大學生化科學研究所)
2. Chen TC, Lai YK, Yu CK and Juang JL. (2007). Enterovirus 71 triggering of neuronal apoptosis through activation of Abl-Cdk5 signalling. *Cellular Microbiology*. 9:(11)2676-2688. (I.F.:5.273; 莊志立, 國家衛生研究院分子與基因醫學研究組)
3. Liao WR, Hsieh RH, Hsu KW, Wu MZ, Tseng MJ, Mai RT, Wu Lee YH and Yeh TS. (2007). The CBF1-independent Notch1 signal pathway activates human c-myc expression partially via transcription factor YY1. *Carcinogenesis*. 28:(9)1867-1876. (I.F.:5.406; 葉添順, 陽明大學解剖科)
4. YL, Lin YM, Chen CH, Huang YP, Chiang MJ, Yeh SW, Wu PR, Shen CH, Wu CT and Chen RH. (2007). The tumor suppressor DAPK is reciprocally regulated by tyrosine kinase Src and phosphatase LAR. *Molecular Cell*. 27:(5)701-716. (I.F.:13.156; 陳瑞華, 中央研究院生化所)
5. Hong TM, Chen YL, Wu YY, Yuan A, Chao YC, Chung YC, Wu MH, Yang SC, Pan SH, Shih JY, Chan WK and Yang PC. (2007). Targeting neuropilin 1 as an antitumor strategy in lung cancer. *Clin.Cancer Res*. 13:4759-4768. (I.F.:6.25:15; 楊泮池, 台灣大學醫學院)
6. Wei-Liang Liu, Wen-Cheng Su, Ching-Wei Cheng, Lih-Hwa Hwang, Chih-Chiang Wang, Hui-Ling Chen, Ding-Shinn Chen and Ming-Yang Lai. (2007). Ribavirin Up-Regulates the Activity of Double-Stranded RNA-Activated Protein Kinase and Enhances the Action of Interferon- α against Hepatitis C Virus. *The Journal of Infectious Diseases*. 196:425-434. (I.F.:5.682; 賴明陽, 台灣大學醫學院一般醫學科)

2008

1. Chen RN, Huang YH, Yeh CT, Liao CH and Lin KH. (2008). Thyroid hormone receptors suppress pituitary tumor transforming gene 1 activity in hepatoma. *Cancer Res*. 68:(6)1697-1706. (I.F.:7.672:10; 林光輝, 長庚大學生化科)
2. Chen ST, Lin YL, Huang MT, Wu MF, Cheng SC., Lei HY, Lee CK, Chiou TW, Wong CH and Hsieh SL. (2008). CLEC5A is critical for dengue-virus-induced lethal disease. *Nature*. 453:(7195)672-678. (I.F.:28.751; 謝世良, 陽明大學微免所)
3. Hsu KW, Hsieh RH, Lee YHW, Chao CH, Wu KJ, Tseng MJ and Yeh TS. (2008). The activated Notch1 receptor cooperates with α -enolase and MBP-1 in modulating c-myc activity. *Mol.Cell.Biol*. 28:4829-4842. (I.F.:6.42; 葉添順, 陽明大學解剖科)

4. Hsieh SH, Ying NW, Wu MH, Chiang WF, Hsu CL, Wong TY, Jin YT, JIN YT, Hong TM and Chen YL. (2008). Galectin-1, a novel ligand of neuropilin-1, activates VEGFR-2 signaling and modulates the migration of vascular endothelial cells. *Oncogene*. 27:3746-3753. (I.F.:6.44:14; 陳玉玲, 成大醫學院口腔醫學科)
5. Che-Hung Shen, Hsin-Yi Chen, Ming-Shien Lin, Fang-Yen Li, Cheng-Chi Chang, Min-Liang Kuo, Jeffrey Settleman and Ruey-H wa Chen. (2008). Breast Tumor Kinase Phosphorylates p190RhoGAP to Regulate Rho and Ras and Promote Breast Carcinoma Growth, Migration, and Invasion. *Cancer Res*. 68:7779-7787. (I.F.:7.672:8; 陳瑞華, 中央研究院生化所)
6. Chao-Chi Ho, Wei-Yu Liao, Cheng-Yi Wang, Yin-Hsiu Lu, Hsin-Yi Huang, Hsuan -Yu Chen, Wing-Kai Chan, Huei-Wen Chen and Pan-Chyr Yang. (2008). TREM-1 Expression in Tumor-associated Macrophages and Clinical Outcome in Lung Cancer. *Am J Respir Crit Care Med*. 177:763-770. (I.F.:3.622; 楊洋池, 台灣大學醫學院)
7. Lee JL, Wang MJ, Sudhir PR and Chen JY. (2008). CD44 Engagement Promotes matrix-derived survival through the CD44-SRC-integrin axis in lipid rafts. *Mol. and Cell. Biol*. 28:5710-5723. (I.F.:6.42:27; 張久瑗, 中央研究院生物醫學科學研究所)
8. Mei SC and Wu RT. (2008). The G-rich promoter and G-rich coding sequence of basic fibroblast growth factor are the targets of thalidomide in glioma. *Mol Cancer Ther*. 7:2405-2414. (I.F.:4.8; 吳榮燦, 陽明大學生物藥學研究所)
9. Chen PH, Taso YP, Wang CC and Chen SL. (2008). Nuclear receptor interaction protein, a coactivator of androgen receptors (AR), is regulated by AR and Sp1 to feed forward and activate its own gene expression through AR protein stability. *Nucleic Acids Res*. 36:51-66. (I.F.:6.954; 陳小梨, 台灣大學醫學院微生物學科暨研究所)
10. Chang WW, Lee CH, Lee P, Lin J, Hsu CW, Hung JT, Lin JJ, Yu JC, Shao LE, Yu J, Wong CH and Yu AL. (2008). Expression of Globo H and SSEA 3 in breast cancer stem cells and the involvement of fucosyl transferases 1 and 2 in Globo H synthesis. *Proc Natl Acad Sci*. 105:11667-11672. (I.F.:9.598; 陳鈴津, 中央研究院基因體中心)
11. Chan YL, Chang TH, Liao CL and Lin YL (2008). The Cellular Antiviral Protein Viperin Is Attenuated by Proteasome-Mediated Protein Degradation in Japanese Encephalitis Virus-Infected Cells. *Journal of Virology*. 82:10455-10464. (I.F.:5.332; 林宜玲, 中央研究院生醫所)
12. Maa, M.-C., M. Y. Chang, Y.-J. Chen, C.-H. Lin, C. J. Yu, Y. L. Yang, J. Li, P.-R. Chen, C.-H. Tang, H.-Y. Lei and T.-H. Leu (2008). Requirement of inducible nitric-oxide synthase in lipopolysaccharide-mediated Src induction and macrophage migration. *J Biol Chem*. 283:31408-31416. (I.F.:5.581; 呂增宏, 成功大學藥理所)
13. Liao YL, Sun YM, Chau GY, Chau YP, Lai TC, Wang JL, Horng JT, Hsiao M and Tsou AP. (2008). Identification of SOX4 target genes using phylogenetic footprinting-based prediction from expression microarrays suggests that overexpression of SOX4 potentiates metastasis in hepatocellular carcinoma. *Oncogene*. 27:5578-5589. (I.F.:6.44; 鄒安平, 陽明大學醫學生物技術研究所)
14. Lin KH, Guh JY, Mo JF, Chiou SJ, Hwang CC and Chuang LY. (2008). Advanced glycation end-product-inhibited cell proliferation and protein expression of β -catenin and cyclin D1 are dependent on glycogen synthase kinase 3 β in LLC-PK1 cells. *Arch. Biochem. Biophys*. 477:27-32. (I.F.:2.578; 莊麗月, 高雄醫學大學生物化學所)

15. Pan MR, Hou MF, Chang HC and Hung WC. (2008). Cyclooxygenase-2 up-regulates CCR7 via EP2/EP4 receptor signaling pathways to enhance lymphatic invasion of breast cancer cells. *J. Biol. Chem.* 283:11155-11163. (I.F.:5.581; 洪文俊, 中山大學生物醫學研究所)
16. Chi-Tan Hu, Jia-Ru Wu, Tsu Yao Chang, Chuan-Chu Cheng and Wen-Sheng Wu. (2008). The transcriptional factor Snail simultaneously triggers cell cycle arrest and migration of human hepatoma HepG2. *J Biomed Sci.* 15:343-355. (I.F.:2.013; 吳文陞, 慈濟大學醫學檢驗生物技術學系)

2009

1. Yeh WL, Lu DY, Lee MJ and Fu WM. (2009). Leptin induces migration and invasion of glioma cells through MMP-13 production. *Glia.* 57:454-464. (I.F.:5.38; 符文美, 台大醫學院藥理研究所)
2. Shu-Ping Wang, Wen-Lung Wang, Yih-Leong Chang, Chen-Tu Wu, Yu-Chih Chao, Shih-Han Kao, Ang Yuan, Chung-Wu Lin, Shuenn-Chen Yang, Wing-Kai Chan, Ker-Chau Li, Tse-Ming Hong and Pan-Chyr Yang. (2009). p53 controls cancer cell invasion by inducing the MDM2-mediated degradation of Slug. *Nature Cell Biology.* 11:694-704. (I.F.:17.774; 楊泮池, 台灣大學醫學院)
3. Sung-Bau Lee, Derick S.-C. Ou, Chung-Fan Lee and Li-Jung Juan. (2009). Gene-specific Transcriptional Activation Mediated by the p150 Subunit of the Chromatin Assembly Factor 1. *The Journal of Biological Chemistry.* 284:14040-14049. (I.F.:5.52; 阮麗蓉, 中央研究院基因體研究中心)
4. Shao-An Wang, Jian-Ying Chuang, Shiu-Hwa Yeh, Yi-Ting Wang, Yi-Wen Liu, Wen-Chang Chang and Jan-Jong Hung. (2009). Heat Shock Protein 90 Is Important for Sp1 Stability during Mitosis. *J. Mol. Biol.* 387:1106-1119. (I.F.:4.146; 洪建中, 成功大學生物訊息傳遞研究所)
5. Wei-Chih Tsai, Paul Wei-Che Hsu, Tsung-Ching Lai, Gar-Yang Chau, Ching-Wen Lin, Chun-Ming Chen, Chien-Der Lin, Yu-Lun Liao, Jui-Ling Wang, Yat-Pang Chau, Ming-Ta Hsu, Michael Hsiao, Hsien-Da Huang and Ann-Ping Tsou. (2009). MicroRNA-122, a tumor suppressor microRNA that regulates intrahepatic metastasis of hepatocellular carcinoma. *Hepatology.* 49:1571-1582. (I.F.:6.642; 鄒安平, 陽明大學醫學生物技術研究所)
6. Ren-Jye Lin, Han-Pang Yu, Bi-Lan Chang, Wei-Chun Tang, Ching-Len Liao and Yi-Ling Lin. (2009). Distinct Antiviral Roles for Human 2',5'-Oligoadenylate Synthetase Family Members against Dengue Virus Infection. *Immunology.* 183:8035-8043. (I.F.:3.432; 林宜玲, 中央研究院生醫所)
7. Jia-Lin Lee, Mei-Jung Wang and Jeou-Yuan Chen. (2009). Acetylation and activation of STAT3 mediated by nuclear translocation of CD44. *The Journal of Cell Biology.* 185(6):949-957. (I.F.:9.12; 張久瑗, 中央研究院生醫所)
8. Ming-Tzu Tsai, Chien-Jui Cheng, Yuh-Charn Lin, Chun-Chuan Chen, Ann-Ru Wu, Min-Tzu Wu, Cheng-Chin Hsu, and Ruey-Bing Yang. (2009). Isolation and characterization of a secreted, cell-surface glycoprotein SCUBE2 from humans. *Biochemical Journal.* 422:119-128. (I.F.:4.371; 楊瑞彬, 中央研究院生醫所)
9. Yu-Chih Chao, Szu-Hua Pan, Shuenn-Chen Yang, Sung-Liang Yu, Ting-Fang Che, Chung-Wu Lin, Mu-Shiun Tsai, Gee-Chen Chang, Che-Hsiang Wu, Yi-Ying Wu, Yung-Chie Lee, Tse-Ming Hong and Pan-Chyr Yang. (2009). Claudin-1 is a metastasis suppressor and correlates with clinical outcome in lung adenocarcinoma. *Am J Respir Crit Care Med.* 179(2):123-133. (I.F.:3.622; 楊泮池, 台灣大學醫學院)
10. T.-J. Chang, W.-P. Chen, C. Yang, P.-H. Lu, Y.-C. Liang, M.-J. Su, S.-C. Lee and L.-M. Chuang. (2009). Serine-385 phosphorylation of inwardly rectifying K⁺ channel subunit (Kir6.2) by AMP-dependent protein

kinase plays a key role in rosiglitazone-induced closure of the K(ATP) channel and insulin secretion in rats. *Diabetologia*. 52:1112-1121. (I.F.:6.418; 莊立民, 台灣大學醫學院)

11. Huang C, Chang SC, Yang HC, Chien CL, Chang MF. (2009). Clathrin-mediated post-Golgi membrane trafficking in the morphogenesis of hepatitis delta virus. *J Virol*. 83:12314-12324. (I.F.:5.308; 張明富, 台灣大學醫學院生物化學暨分子生物學研究所)
12. Hsu KW, Hsieh RH, Wu CW, Chi CW, Lee YHW, Kuo ML, Wu KJ and Yeh TS. (2009). MBP-1 suppresses growth and metastasis of gastric cancer cells through COX-2. *Mol. Biol. Cell*. 20:5127-5137. (I.F.:5.558; 葉添順, 陽明大學解剖科)
13. Chu WC, Hong WF, Huang MC, Chen FY, Lin SC, Liao PJ and Su JG J. (2009). 1-Nitropyrene stabilizes the mRNA of cytochrome P450 1a1, a carcinogen-metabolizing enzyme, via the Akt pathway. *Chem. Res. Toxicol*. 22:1938-1947. (I.F.:3.491; 蘇建國, 嘉義大學生化科技學系暨研究所)
14. Wang JL, Chang WT, Tong CW, Kohno K and Huang AM. (2009). Human synapsin I mediates the function of nuclear respiratory factor 1 in neurite outgrowth in neuroblastoma IMR-32 cells. *J Neurosci Res*. 87:2255-2263. (I.F.:3.086; 黃阿敏, 成功大學醫學院生理研究所)
15. Chu PY, Huang LY, Hsu CH, Liang CC, Guan JL, Hung TH and Shen TL. (2009). Tyrosine phosphorylation of Grb7 by FAK in the regulation of cell migration, proliferation, and tumorigenesis. *J. Biol. Chem*. 284:20215-20226. (I.F.:5.520; 沈湯龍, 台灣大學植物病理與微生物學系)
16. Yang YF, Wu CC, Chen WP and Su MJ. (2009). Transforming growth factor- β type I receptor/ALK5 contributes to doxazosin-induced apoptosis in H9C2 cells. *Naunyn-Schmied Arch Pharmacol*. 380:561-567. (I.F.:2.830; 蘇銘嘉, 台灣大學醫學院藥理學研究所)
17. Liu YF, Chen HI, Wu CL, Kuo YM, Yu L, Huang AM, Wu FS, Chuang JI and Jen CJ. (2009). Differential effects of treadmill running and wheel running on spatial or aversive learning and memory: roles of amygdalar brain-derived neurotrophic factor and synaptotagmin I. *J.Physiol*. 587:3221-3231. (I.F.:4.649; 任卓穎, 成功大學生理所)
18. Lu DY, Yu WH, Yeh WL, Tang CH, Leung YM, Wong KL, Chen YF, Lai CH and Fu WM. (2009). Hypoxia-Induced Matrix Metalloproteinase-13 Expression in Astrocytes Enhances Permeability of Brain Endothelial Cells. *J. Cell Physiol*. 220:163-173. (I.F.:4.313; 符文美, 台大醫學院藥理研究所)
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20. Chang YC, Kao WC, Wang WY, Wang WY, Yang RB and Peck Konan. (2009). Identification and characterization of oligonucleotides that inhibit Toll-like receptor 2-associated immune responses. *The FASEB Journal*. 23:3078-3088. (I.F.:7.049; 白果能, 中央研究院生醫所)
21. Chang CW, Li HC, Hsu CF, Chang CY and Lo SY. (2009). Increased ATP generation in the host cell is required for efficient vaccinia virus production. *Journal of Biomedical Science*. 16:(1)80-. (I.F.:2.013; 羅時燕, 慈濟大學醫學生物技術研究所)
22. Wu PY, Lin Y-C, Chang C-L, Lu H-T, Chin C-H, Hsu T-T, Chu D and Sun SH. (2009). Functional decreases in P2X7 receptors are associated with retinoic acid-induced neuronal differentiation of Neuro-2a neuroblastoma cells. *Cell. Signal*. 21:881-891. (I.F.:4.094; 孫興祥, 陽明大學神經科學研究所)
23. Cheng-Chieh Tsai, Jui-In Kai, Wei-Ching Huang, Chi-Yun Wang, Yi Wang, Chia-Ling Chen, Yi-Ting Fang, Yee-Shin Lin, Robert Anderson, Shun-Hua Chen, Chiung-Wen Tsao and Chiou-Feng Lin. (2009). Glycogen

Synthase Kinase-3 β Facilitates IFN- γ -Induced STAT1 Activation by Regulating Src Homology-2 Domain-Containing Phosphatase 2. *The Journal of Immunology*. 183:856-864. (I.F.:5.646; 林秋烽, 成大醫學院臨床醫學研究所)

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25. Ting-Yu Kuoa, b, Chen-Jei Hongb and Yi-Ping Hsueh. (2009). Bcl11A/CTIP1 regulates expression of DCC and MAP1b in control of axon branching and dendrite outgrowth. *MOL CELL NEUROSCI*. 42:(3)195-207. (I.F.:3.569; 薛一蘋, 中央研究院分子生物研究所)
26. Wen-Wen Chou, Jinn-Yuh Guh, Jung-Fa Tsai, Chi-Ching Hwang, Shean-Jaw Chiou and Lea-Yea Chuang. (2009). Arecoline-Induced Phosphorylated p53 and p21WAF1 Protein Expression is Dependent on ATM/ATR and Phosphatidylinositol-3-Kinase in Clone-9 Cells. *J CELL BIOCHEM*. 107:(3)408-417. (I.F.:2.935; 莊麗月, 高雄醫學大學生化所)
27. Tien-Shun Yeh, Chew-Wun Wu, Kai-Wen Hsu, Wan-Jung Liao, Min-Chieh Yang, Anna Fen-Yau Li, An-Ming Wang, Min-Liang Kuo and Chin-Wen Chi. (2009). The activated Notch1 signal pathway is associated with gastric cancer progression through cyclooxygenase-2. *Cancer Res*. 69:5039-5048. (I.F.:7.543; 戚謹文, 台北榮總教研部)
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30. Chi-Hung Lin, Yao-Yun Fan, Yen-Ying Chen, Shih-Hsin Wang, Chun-I Chen, Lung-Chih Yu and Kay-Hooi Khoo. (2009). Enhanced expression of β 3-galactosyltransferase 5 activity is sufficient to induce in vivo synthesis of extended type 1 chains on lactosylceramides of selected human colonic carcinoma cell lines. *Glycobiology*. 19:(4)418-427. (I.F.:3.929; 林奇宏, 陽明大學微免所)
31. Pei-Yu Chu, Ling-Ya Huang, Chun-Hua Hsu, Chun-Chi Liang, Jun-Lin Guan, Ting-Hsuan Hung and Tang-Long Shen. (2009). Tyrosine phosphorylation of growth factor receptor-bound protein-7 by focal adhesion kinase in the regulation of cell migration, proliferation, and Tumorigenesis. *The Journal of Biological Chemistry*. 284:20215-20226. (I.F.:5.328; 沈湯龍, 台灣大學植微系)
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33. Wen-Cheng Su, Wei-Liang Liu, Ching-Wei Cheng, Yu-Bin Chou, Ko-Hsuan Hung, Wen-Hung Huang, Chao-Liang Wu, Yuan-Tsung Li, Ai-Li Shiau and Ming-Yang Lai. (2009). Ribavirin enhances interferon signaling via stimulation of mTOR and p53 activities. *FEBS Letters*. 583:2793-2798. (I.F.:3.541; 賴明陽, 台大醫學院內科教授)
34. Yao-Cheng Ching, Che-Sheng Chung, Cheng-Yen Huang, Yu Hsia, Yin-Liang Tang and Wen Chang. (2009). Disulfide bond formation at the C termini of vaccinia virus A26 and A27 proteins does not require viral redox

enzymes and suppresses glycosaminoglycan-mediated cell fusion. *Journal of Virology*. 83:(13)6464-6476. (I.F.:5.15; 張雯, 中央研究院分子生物研究所)

35. Wan-Jen Yang, Ching-Ju Chang, Shiou-Hwei Yeh, Wei-Hsiang Lin, Sheng-Han Wang, Ting-Fen Tsai, Ding-Shinn Chen and Pei-Jer Chen. (2009). Hepatitis B virus X protein enhances the transcriptional activity of the androgen receptor through c-Src and glycogen synthase kinase-3 β kinase pathways. *Hepatology* 49:(5)1515-1524. (I.F.:10.84; 陳培哲, 台大醫學院臨床所)

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2. Li-Fang Lin, Chih-Hung Chuang, Chien-Feng Li, Ching-Chun Liao, Chun-Pei Cheng, Tian-Lu Cheng, Meng-Ru Shen, Joseph T. Tseng, Wen-Chang Chang, Wen-Hwa Lee and Ju-Ming Wang. (2010). ZBRK1 Acts as a Metastatic Suppressor by Directly Regulating MMP9 in Cervical Cancer. *Cancer research*. 70:(1)192-201. (I.F.:7.543; 王育民, 成功大學生物資訊與訊息傳遞研究所)
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4. Shih-Ching Chana, Shih-Yen Lob, c, Je-Wen Liouc, d, Min-Ching Linb, Ciao-Ling Syuc, Meng-Jiun Laib, Yi-Cheng Chenb and Hui-Chun Li. (2010). Visualization of the structures of the hepatitis C virus replication complex. *Biochem Bioph Res Co*. 404:(1)574-578. (I.F.:2.548; 羅時燕, 慈濟大學醫學生物技術研究所)
5. San-Cher Chen, Jinn-Yuh Guh, Chi-Ching Hwang, Shean-Jaw Chiou, Tai-Du Lin, Yu-Ming Ko, Jau-Shyang Huang, Yu-Lin Yang and Lea-Yea Chuang. (2010). Advanced glycation end-products activate extracellular signal-regulated kinase via the oxidative stress-EGF receptor pathway in renal fibroblasts. *J Cell Biochem*. 109:(1)38-48. (I.F.:2.935; 莊麗月, 高雄醫學大學生化所)
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