

姓名	林奇宏		
Name	Chi-Hung Lin	Date of Birth	Feb. 6, 1961
Gender	<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	Phone Number	2826-7000 #65613
Address	Institute of Immunology & Microbiology, National Yang-Ming University, 155, Li-Non St. sec. 2, Taipei 112, Taiwan		
Education			
<u>Institution and Location</u>	<u>Degree</u>	<u>Year</u>	<u>Field of Study</u>
School of Medicine, National Yang-Ming University, Taipei, Taiwan	M.D.	1986	Medicine
Yale University, New Haven, CT, USA	Ph.D.	1994	Cell Biology
Research and Professional Experiences			
2021 - present	President, National Yang Ming Chiao Tung University, Taiwan		
2020 - 2021	Vice Chancellor, University System of Taiwan National Chiao Tung University, Hsinchu, Taiwan		
2020 - 2021	University Chair Professor, Department of Biological Science & Technology National Chiao Tung University, Hsinchu, Taiwan		
1995 - present	Professor, Institute of Microbiology & Immunology National Yang-Ming University, Taipei, Taiwan		
2014 - 2018	Commissioner, Department of Health, New Taipei City Government		
2010 - 2014	Commissioner, Department of Health, Taipei City Government		
2002 - 2012	Director, Molecular Cell Biology Center National Yang-Ming University, Taipei, Taiwan		
2010 - 2010	Dean, Office of International Affairs National Yang-Ming University, Taipei, Taiwan		
2006 - 2010	Director, Medical Research & Education Division Taipei City Hospital, Taipei		
2007 - 2010	Director, Institute of Microbiology & Immunology National Yang-Ming University, Taipei, Taiwan		
2005 - 2010	Director, Equipment Center National Yang-Ming University, Taipei, Taiwan		
1994 - 1995	Post-doc fellow, Yale University, New Haven, CT, USA		
1988 - 1989	Teaching Assistant, Institute of Microbiology & Immunology National Yang-Ming University, Taipei, Taiwan		
1986 - 1988	Lieutenant Doctor, Air Force, Military Service		

<i>Honors/Awards</i>	
2009	The 2009 Award for Outstanding Contributions in Science and Technology, The Executive Yuan, Taiwan
2004	Outstanding Cancer Award National Science Council, Taiwan
2002	Outstanding Cancer Research Award Chien-Tien Cancer Research Foundation, Taiwan
2000	Keynote lecture, The 16th Biomedical Conference, Taiwan
1995	John R. Nicholas Award for Outstanding Thesis Graduate School, Yale University, USA
1994	CELLebration, Video publication by Sinaur Associates, Inc.
1989	Scholarship from Ministry of Education, Taiwan

Publications

1. Forscher P, **Lin CH**, and Thompson C. 1992. Novel Form of Growth Cone Motility Involving Site-Directed Actin Filament Assembly. *Nature* 1992 Jun; 357(6378):515-518.
2. **Lin CH** and Forscher P. 1993. Cytoskeletal Remodeling During Growth Cone-Target Interactions. *J. Cell Biol.* 1993 Jun; 121(6):1369-1383.
3. Fisher T, **Lin CH** and Kaczmarek LK. 1993. The Peptide FMRFa Terminates a Discharge in *Aplysia* Bag Cell Neurons by Modulating Calcium, Potassium and Chloride Conductances. *J. Neurophysiol.* 1993 Jun; 69(6):2164-2173.
4. Azhderian EM, Hefner D, **Lin CH**, Kaczmarek LK and Forscher P. 1994. Cyclic AMP Modulates Fast Axonal Transport in *Aplysia* Bag Cell Neurons By Increasing the Probability of Single Organelle Movement. *Neuron* 1994 Jun; 12(6):1223-1233.
5. **Lin CH**, Thompson CA and Forscher P. 1994. Cytoskeletal reorganization underlying growth cone motility. *Cur. Op. Neurobiol.* 1994 Oct; 4(5):640-647.
6. **Lin CH** and Forscher P. 1995. Growth Cone Advance Is Inversely Proportional to Retrograde F-actin Flow. *Neuron* 1995 Apr; 14(4):763-771.
7. **Lin, CH**, Espreafico EM, Mooseker MS and Forscher P. 1996. Myosin Drives Retrograde F-actin Flow in Neuronal Growth Cones. *Neuron* 1996 Apr; 16(4):769-782.
8. Thompson CA, **Lin CH** and Forscher P. 1996. An *Aplysia* Cell Adhesion Molecule Associated with Site-Directed Actin Filament Assembly in Neuronal Growth Cones. *J. Cell Sci.* 1996 Dec; 109 (12):2843-2854.
9. **Lin CH** and Forscher P. 1997. Myosin Drives Retrograde F-actin Flow in Neuronal Growth Cones. *Biol. Bull.* 1997 Feb; 192(1):183-185.
10. You LR, Chen CM, Yeh TS, Tsai TY, Mai RT, **Lin CH**, and Wu Lee YH. 1999. Hepatitis

- C Virus Core Protein Interacts with Cellular Putative RNA Helicase. *J. Virol.* 1999 Apr; 73(4):2841-2853.
11. Chen YJ, Ko JY, Chen PJ, Shu CH, Hsu MT, Tsai SF, and **Lin CH**. 1999. Chromosomal Aberrations in Nasopharyngeal Carcinoma Analyzed by Comparative Genomic Hybridization. *Genes Chromosomes and Cancer* 1999 Jun; 25(2):169-175.
 12. Chang HH, **Lin CH** and Lo SJ. 1999. Rhodostomin substrates induce platelet transformation without prior inside-out activation signals. *Exp. Cell Res.* 1999 Aug; 250(2):387-400.
 13. Lian WN, Tsai JW, Yu PM, Wu TW, Yang SC, Chau YP, and **Lin CH**. 1999. Targeting of Aminopeptidase N to Bile Canaliculi Correlates with Secretory Activities of the Developing Canalicular Domain. *Hepatology* 1999 Sep; 30(3):748-760.
 14. Suter DM, Espindola FS, **Lin CH**, Forscher P, and Mooseker MS. (2000) Localization of Unconventional Myosins V and VI in Neuronal Growth Cones. *J. Neurobiol.* 2000 Feb; 42(3):370-382.
 15. Chen FD, Chen KY, Ngo FQ, **Lin CH**, Tsai ST, Ling TS, Whang-Peng JJ, Edwards AA, Lloyd DC, and Chen WL. (2000) Chromosomal damage in long-term residents of houses contaminated with cobalt-60. *Lancet* 2000 Feb; 355(9205):726.
 16. Chen YJ, Yeh SH, Chen JT, Wu CC, Hsu MT, Tsai SF, Chen PJ, and **Lin CH**. (2000) Chromosomal Changes and Clonality Relationship Between Primary and Recurrent Hepatocellular Carcinoma Revealed by Comparative Genomic Hybridization. *Gastroenterology* 2000 Aug; 119(2):431-440.
 17. Tsai JW, Liao BY, Huang CC, Hwang WL, Wang DW, Chiou AE, and **Lin CH**. (2000) Applications of optical tweezers and an integrated force measurement module for biomedical research. *Proc. SPIE* 4082:213-221
 18. Yang SC, Huang CH, Chen NJ, Chou CK and **Lin CH**. (2000) Functional Implication of Human Serine/Threonine Kinase, hAIK, in Cell Cycle Progression. *J. Biomed. Sci.* 2000 Nov-Dec; 7(6):484-493.
 19. Kung SH, Wang YC, **Lin CH**, Kuo RL, Liu WT. (2000) Rapid diagnosis and quantification of herpes simplex virus with a green fluorescent protein reporter system. *Journal of Virological Methods.* 2000 Nov; 90(2):205-212.
 20. Chang SN, **Lin CH**, and Lin A. (2000) An acidic amino acid cluster regulates nucleolar localization and ribosome assembly of human ribosomal protein L22. *FEBS lett.* 2000 Oct; 484(1):22-28.
 21. **林奇宏**、**蔡金吾**，(2000) 雷射光鉗技術在生物作用力研究上的應用，*物理雙月刊*，

廿二卷五期。

22. Yang YC, Shyong WY, Chang MS, Chen YJ, **Lin CH**, Wang TY, Hsu MT, and Chen ML. (2001) Frequent gain of copy number on the long arm of chromosome 3 in human cervical adenocarcinoma. *Cancer Genetics and Cytogenetics* 2001 Nov; 31(1):48-53.
23. Lo PJ, Chen JY, Tang PP, Lin, J, **Lin CH**, Su LT, Wu CH, Chen TL, Yang Y, and Wang FF. (2001) Identification of a mouse thiamine transporter gene as a direct transcriptional target of p53. *J. Biol. Chem.* 2001 Oct; 276(40):37186-37193.
24. Yen CC, Chen YJ, Chen JT, Hsia JY, Chen PM, Liu JH, Fan FS, Chiou TJ, Wang WS, and **Lin CH**. (2001). Comparative Genomic Hybridization of Esophageal Squamous Cell Carcinoma: Relationship of Chromosomal Aberrations to Disease Progression and Prognosis. *Cancer* 2001 Dec; 92(11):2769-2777.
25. Liu WT, Sun JR, **Lin CH**, Kuo RL and Kung SH. (2001) An indicator cell assay for detection of human cytomegalovirus based on enhanced green fluorescence protein. *J. Virological Method* 2001 Jul; 96(1):85-92.
26. 邱宗凱、錢正浩、連偉男、**林奇宏**，(2001) 全反射螢光顯微術於生物物理的應用，*物理雙月刊*（廿四卷三期436-442頁）
27. Chung YL, Sheu ML, Yang SC, **Lin CH**, Yen SH. (2002) Resistance to tamoxifen-induced apoptosis is associated with direct interaction between Her2/neu and cell membrane estrogen receptor in breast cancer. *Int. J. Cancer* 2002 Jan; 97(3):306-312.
28. Wang PH, Shyong WY, **Lin CH**, Chen YJ, Li YF, Chao HT, and Yuan CC. (2002) Analysis of genetic aberrations in uterine adenomyosis using comparative genomic hybridization. *Anal. Quant. Cytol. Histol.* 2002 Feb; 24(1):1-6.
29. Lin SC, Chen YJ, Kao SY, Hsu MT, **Lin CH**, Yang SC, Liu TY and Chang KW. (2002) Chromosomal changes in beta1-associated oral squamous cell carcinomas and their relationship to clinical parameters. *Oral Oncology* 2002 Apr; 38(3):266-273.
30. Wang AG, Lee CM, Wang YC, **Lin CH** and Fann MJ. (2002). Up-regulation of cytochrome oxidase in the retina following optic nerve injury. *Exp. Eye Res.* 2002 May; 74(5):651-659.
31. Chen YJ, Chen PJ, Lee MC, Yeh SH, Hsu MT, **Lin CH**. Chromosomal analysis of hepatic adenoma and focal nodular hyperplasia by comparative genomic hybridization. *Genes Chromosomes Cancer*. 2002 Oct;35(2):138-43.
32. Mei-Jie Jou, Shuo-Bin Jou, Hung-Ming Chen, **Chi-Hung Lin**, Tsung-I Peng. (2002) Critical Role of Mitochondrial Reactive Oxygen Species Formation in Visible Laser

- Irradiation-Induced Apoptosis in Rat Brain Astrocytes (RBA-1). *J Biomed Sci* 2002; 9(6 Pt 1):507-516.
33. Hsieh HP, Liou JP, Lin YT, Mahindroo N, Chang YJ, Yang YN, Chen SS, Tan UK, Chang CW, Chen TW, **Lin CH**, Chang YY and Wang CC. (2003) Structure-Activity and Crystallographic Analysis of Benzophenone Derivatives - the Potential Anticancer Agents. *Bioorg. Med. Chem. Lett.* 2003 Jan; 13(1):101-105.
 34. Li WT, Hwang DR, Chen CP, Shen CW, Huang CL, Chen TW, **Lin CH**, Chang YL, Chang YY, Lo YK, Tseng HY, Lin CC, Song JS, Chen HC, Chen SJ, Wu SH and Chen CT. (2003) Synthesis and biological evaluation of N-heterocyclic indolyl gloxylamides as orally active anticancer agents. *J. Med. Chem.* 2003 Apr; 46(9):1706-1715.
 35. Wang WL, Yeh SF, Chang YI, Hsiao SF, Lian WN, **Lin CH**, Huang CY, Lin WJ. (2003) PICK1: An anchoring protein that specifically targets PKC α to mitochondria selectively upon serum stimulation in NIH 3T3 cells. *J Biol Chem.* 2003 Sep; 278(39):37705-37712. **IF=4.651 R/C=23/333 (Biochemistry & Molecular Biology)**
 36. Sung YJ, Sung ZL, Ho CL, Lin MT, Wang JS, Yang SC, Chen YJ, and **Lin CH**. (2003) Intercellular calcium waves mediate preferential cell growth toward the wound edge in polarized hepatic cells. *Exp. Cell Res.* 2003 Jul; 287(2):209-218.
 37. Yen CC, Chen YJ, Lu KH, Hsia JY, Chen JT, Hu CP, Chen PM, Liu JH, Chiou TJ, Wang WS, Yang MH, Chao TC, and **Lin CH**. (2003) Genotypic analysis of esophageal squamous cell carcinoma by molecular cytogenetics and real-time quantitative polymerase chain reaction. *International Journal of Oncology* 2003 Oct; 23(4):871-881.
 38. Yen MY, Chen YJ, **Lin CH**, Wang AG, Wei YH. (2003) Genetic analysis in Leber's hereditary optic neuropathy using the comparative genomic hybridization technique. *Clin Experiment Ophthalmol.* 2003 Oct; 31(5):435-438.
 39. Wu TJ, Huang HH, Lan CW, **Lin CH**, Hsu FY, Wang YJ. (2004) Studies on the microspheres comprised of reconstituted collagen and hydroxyapatite. *Biomaterials.* 2004 Feb; 25(4):651-658.
 40. Yang SC, Lin SC, Chiang WF, Yen CY, **Lin CH**, Liu SY. Areca nut extract treatment elicits the fibroblastoid morphological changes, actin re-organization and signaling activation in oral keratinocytes. *J Oral Pathol Med.* 2003 Nov;32(10):600-5.
 41. Chang YC, Hsu TL, Lin HH, Chio CC, Chiu AW, Chen NJ, **Lin CH**, Hsieh SL. (2004) Modulation of macrophage differentiation and activation by decoy receptor 3. *J Leukoc Biol.* 2004 Mar; 75(3):486-494.
 42. Jong YJ, Li LH, Tsou MH, Chen YJ, Cheng SH, Wang-Wuu S, Tsai SF, Chen CM,

- Huang AT, Hsu MT, and **Lin CH**. (2004) Chromosomal CGH abnormalities in early and late onset human breast cancers: correlations with disease progression and p53 mutations. *Cancer Genetics and Cytogenetics* 2004 Jan 1;148(1):55-65.
43. Lin CY, Shen YH, Wu SH, **Lin CH**, Hwang SM, Tsai YC. (2004) Effect of bismuth subgallate on nitric oxide and prostaglandin E2 production by macrophages. *Biochem Biophys Res Commun.* 2004 Mar; 315(4):830-835.
44. Rong-Yaun Shyu, Shun-Yuan Jiang, Yiin-Jeng Jong, Kuo-Chen Cheng, **Chi-Hung Lin**, Jyh-Cherng Yu, Ming-Fang Wu, Tzu-Ming Chang. (2004) Establishment and Characterization of a Human Gastric Carcinoma Cell Line TMC-1. *Cells Tissues Organs.* 2004;177(1):37-46.
45. Lin MW, Lee DD, **Lin CH**, Huang CY, Wong CK, Chang YT, Liu HN, Hsiao KJ, Tsai SF. (2005) Suggestive linkage of familial primary cutaneous amyloidosis to a locus on chromosome 1q23. *Br J Dermatol.* 2005 Jan; 152(1):29-36.
46. Jeng-Kai Jiang, Yann-Jang Chen, **Chi-Hung Lin**, I-Ting Yu, Jen-Kou Lin. (2005) Genetic Changes and Clonality Relationship between Primary Colorectal Cancers and Their Pulmonary Metastases – An Analysis by Comparative Genomic Hybridization. *Genes, Chromosomes & Cancer* 2005 May; 43(1):25-36.
47. Yen CC, Chen YJ, Pan CC, Lu KH, Chen PC, Hsia JY, Chen JT, Wu YC, Hsu WH, Wang LS, Huang MH, Huang BS, Hu CP, Chen PM, **Lin CH**. (2005) Copy number changes of target genes in chromosome 3q25.3-qter of esophageal squamous cell carcinoma: TP63 is amplified in early carcinogenesis but down-regulated as disease progressed. *World J Gastroenterol.* 2005 Mar 7; 11(9):1267-72.
48. Chung-Lan Kao, Shih-Hwa Chiou, Donald Ming-Tak Ho, Yann-Jang Chen, Ren-Shyan Liu, Chih-Wen Lo, Fu-Ting Tsai, **Chi-Hung Lin**, Hung-Hai Ku, Shang-Ming Yu, Tai-Tong Wong. (2005) Elevation of Plasma and Cerebral Spinal Fluid Osteopontin levels in Patients with Atypical Teratoid/Rhabdoid Tumor. *Am J Clin Pathol.* 2005 Feb;123(2):297-304.
49. Shi-Wei Chu, Shih-Peng Tai, Chia-Lin Ho, **Chi-Hung Lin**, and Chi-Kuang Sun. (2005) High-Resolution Simultaneous Three-Photon Fluorescence and Third-Harmonic-Generation Microscopy. *Microscopy research and technique.* 2005 Mar; 66(4):193-197.
50. Sun DS, Lo SJ, **Lin CH**, Yu MS, Huang CY, Chen YF, Chang HH. (2005) Calcium oscillation and phosphatidylinositol 3-kinase positively- regulate integrin α IIb β 3-mediated outside-in signaling. *J Biomed Sci.* 2005; 12(2):321-333.

51. Sun DS, Lo SJ, Tsai WJ, **Lin CH**, Yu MS, Chen YF, Chang HH. (2005) PI3-kinase is essential for ADP-stimulated integrin alpha(IIb)beta(3)-mediated platelet calcium oscillation, implications for P2Y receptor pathways in integrin alpha(IIb)beta(3)-initiated signaling cross-talks. *J Biomed Sci.* 2005 Dec 12(6):937-948.
52. Wei-Nan Lian, Tzu-Wei Wu, Ro-Lan Dao, Yann-Jang Chen, and **Chi-Hung Lin**. (2006) Deglycosylation of Na,K-ATPase causes the basolateral protein to undergo apical targeting in polarized hepatic cells. *Journal of Cell Science* 2006 Jan; 119(1):11-22.
53. Tu LC, Chen CS, Hsiao IC, Chern JW, **Lin CH**, Shen YC, Yeh SF. The beta-carboline analog Mana-Hox causes mitotic aberration by interacting with DNA. *Chem Biol.* 2005 Dec;12(12):1317-24.
54. Ren-In You, Mei-Chieh Chen, Hsei-Wei Wang, Yang-Chieh Chou, **Chi-Hung Lin**, and Shie-Liang Hsieh. (2006) Inhibition of Lymphotoxin-B Receptor-Mediated Cell Death by Survivin-#Ex3. *Cancer Res.* 2006 Mar; 66(6):3051-3061.
55. Chia-Fen Hsieh, Bo-Jui Chang, Chyi-Huey Pai, Hsuan-Yi Chen, Jin-Wu Tsai, Yung-Hsiang Yi, Yi-Ting Chiang, Da-Wei Wang, Sien Chi, Long Hsu, and **Chi-Hung Lin**. (2006) Stepped Changes Of Monovalent Ligand-Binding Force During Ligand-Induced Clustering Of Integrin aIIbB3. *Journal of Biological Chemistry.* 2006 Sep; 281(35):25466-25474.
56. Yang TP, Chang TY, **Lin CH**, Hsu MT, Wang HW. ArrayFusion: a web application for multi-dimensional analysis of CGH, SNP and microarray data. *Bioinformatics.* 2006 Aug; 22 (21) : 2697-2698.
57. Ruei-Yu He, Guan-Liang Chang, Hua-Lin Wu, **Chi-Hung Lin**, Kuo-Chih Chiu, Yuan-Deng Su, and Shean-Jen Chen. (2006) Enhanced live cell membrane imaging using surface plasmon-enhanced total internal reflection fluorescence microscopy. *Optics Express.* 2006 Oct; 14(20) 9307-9316.
58. Wei-Nan Lian, Cheng-Hung Chang, Yin-Jhen Chen, Ro-Lan Dao, Yun-Cin Luo, Jun-Yi Chien, Shih-Lian Hsieh and **Chi-Hung Lin**. (2007) Intracellular delivery can be achieved by bombarding cells or tissues with accelerated molecules or bacteria without the need for carrier particles. *Experimental Cell Research.* 2007 Jan; 313(1):53-64.
59. Jia-Fwu Shyu, Chung Shih, Chiung-Ying Tseng, **Chi-Hung Lin**, Der-Tzong Sun, Hsiao-Tung Liu, Hui-Chu Tsung, Tien-Hua Chen, Ru-Band Lu. (2007) Calcitonin induces podosome disassembly and detachment of osteoclasts by modulating Pyk2 and Src activities. *Bone.* 2007 May; 40(5):1329-1342.

60. Shang-Ling Liu, Artashes Karmenyan, Ming-Tzo Wei, Chun-Chieh Huang, **Chi-Hung Lin**, and Arthur Chiou. (2007) Optical forced oscillation for the study of lectin-glycoprotein interaction at the cellular membrane of a Chinese hamster ovary cell. *Optics Express* 2007 Mar; 15(5):2713-2723.
61. Shi-Wei Chu, Shih-Peng Tai, Chi-Kuang Sun and **Chi-Hung Lin**. (2007) Selective imaging in second-harmonic-generation microscopy by polarization manipulation. *Appl. Phys. Lett.* 2007 Sep; 91:103903.
62. Li-Jen Su, Ching-Wei Chang, Yu-Chung Wu, Kuang-Chi Chen, Chien-Ju Lin, Shu-Ching Liang, **Chi-Hung Lin**, Jacqueline Whang-Peng, Shih-Lan Hsu, Chen-Hsin Chen and Chi-Ying F Huang. (2007) Selection of *DDX5* as a novel internal control for Q-RT-PCR from microarray data using a block bootstrap re-sampling scheme. *BMC Genomics* 2007 Jun; 8:140.
63. Yen CC, Liang SC, Jong YJ, Chen YJ, **Lin CH**, Chen YM, Wu YC, Su WC, Huang CY, Tseng SW, Whang-Peng J. (2007) Chromosomal aberrations of malignant pleural effusions of lung adenocarcinoma: Different cytogenetic changes are correlated with genders and smoking habits. *Lung Cancer* 2007 Sep; 57(3):292-301.
64. Chen CY, Ping YH, Lee HC, Chen KH, Lee YM, Chan YJ, Lien TC, Jap TS, **Lin CH**, Kao LS, Chen YM. (2007) Open reading frame 8a of the human severe acute respiratory syndrome coronavirus not only promotes viral replication but also induces apoptosis. *J Infect Dis.* 2007 Aug; 196(3):405-415.
65. Shi-Wei Chu, Shih-Peng Tai, Ming-Che Chan, Chi-Kuang Sun, I-Ching Hsiao, **Chi-Hung Lin**, Yung-Chih Chen, and Bai-Ling Lin. (2007) Thickness dependence of optical second harmonic generation in collagen fibrils. *Optics Express.* 2007 Sep; 15(19):12005-12010.
66. Wu JW, Lin LC, Hung SC, **Lin CH**, Chi CW, Tsai TH. (2008) Hepatobiliary excretion of silibinin in normal and liver cirrhotic rats. *Drug Metab Dispos.* 2008 Mar 36(3):589.
67. Jen CH, Yang TP, Tung CY, Su SH, **Lin CH**, Hsu MT, Wang HW. (2008) Signature Evaluation Tool (SET): a Java-based tool to evaluate and visualize the sample discrimination abilities of gene expression signatures. *BMC Bioinformatics.* 2008 Jan 28;9(1):58
68. Tzeng WS, Wu RH, Chang SC, Chou CK, Lin CY, Chen JJ, Yang SC, **Lin CH**. (2008) Ionic versus nonionic contrast media solvents used with an epirubicin-based agent for transarterial chemoembolization of hepatocellular carcinoma. *J Vasc Interv Radiol.* 2008 Mar;19(3):342-50.

69. Chang TY, Li YY, Jen CH, Yang TP, **Lin CH**, Hsu MT, Wang HW. (2008) EasyExon--a Java-based GUI tool for processing and visualization of Affymetrix exon array data. *BMC Bioinformatics*. 2008 Oct 14;9:432.
70. Yi YH, Ho PY, Chen TW, Lin WJ, Gukassyan V, Tsai TH, Wang DW, Lew TS, Tang CY, Lo SJ, Chen TY, Kao FJ, **Lin CH**. (2009) Membrane targeting and coupling of NHE1/integrin α IIb β 3/NCX1 by lipid rafts following integrin-ligand interactions trigger Ca²⁺ oscillations. *J Biol Chem*. 2009 Feb; 284(6):3855-3864.
71. Wu MF, Yang CY, Lin TL, Wang JT, Yang FL, Wu SH, Hu BS, Chou TY, Tsai MD, **Lin CH**, Hsieh SL. (2009) Humoral Immunity against Capsule Polysaccharide Protects the Host from *magA*⁺ *Klebsiella pneumoniae*-Induced Lethal Disease by Evading Toll-Like Receptor 4 Signaling. *Infection and Immunity*, Feb. 2009, 77(2):615-621
72. Chiang YL, **Lin CH**, Yen MY, Su YD, Chen SJ, Chen HF. (2009) Innovative antimicrobial susceptibility testing method using surface plasmon resonance. *Biosens Bioelectron*. 2009 Mar 15; 24(7):1905-10.
73. Kuo KT, Wang HW, Chou TY, Hsu WH, Hsu HS, **Lin CH**, Wang LS. (2009) Prognostic role of PGE2 receptor EP2 in esophageal squamous cell carcinoma. *Ann Surg Oncol*. 2009 Feb;16(2):352-60.
74. Wong FH, Huang CY, Su LJ, Wu YC, Lin YS, Hsia JY, Tsai HT, Lee SA, **Lin CH**, Tzeng CH, Chen PM, Chen YJ, Liang SC, Lai JM, Yen CC. (2009) Combination of microarray profiling and protein-protein interaction databases delineates the minimal discriminators as a metastasis network for esophageal squamous cell carcinoma. *Int J Oncol*. 2009 Jan;34(1):117-128.
75. Tung CY, Jen CH, Hsu MT, Wang HW, **Lin CH**. (2009) A novel regulatory event-based gene set analysis method for exploring global functional changes in heterogeneous genomic data sets. *BMC Genomics*. 2009 Jan 16; 10(1):26.
76. Hsing-Wen Wang, Jeng-Kai Jiang, **Chi-Hung Lin**, Guang-Jie Huang, and Jia-Sin Yu. (2009) Diffuse reflectance spectroscopy detects increased hemoglobin concentration and decreased oxygenation during colon carcinogenesis from normal to malignant tumors. *Opt Express*. 2009 Feb 16; 17(4):2805-2817.
77. Lu KH, Chen YW, Tsai PH, Tsai ML, Lee YY, Chiang CY, Kao CL, Chiou SH, Ku HH, **Lin CH**, Chen YJ. Evaluation of radiotherapy effect in resveratrol-treated medulloblastoma cancer stem-like cells. *Child Nerv Syst*. 2009 May;25(5):543-50. doi: 10.1007/s00381-009-0826-6. Epub 2009 Feb 19.
78. Ting-Ting Liu, You-Hsuan Lin, Chia-Sui Hung, Tian-Jiun Liu, Yu Chen, Yung-Ching

- Huang, Tsung-Heng Tsai, Huai-Hsien Wang, Da-Wei Wang, Juen-Kai Wang, Yuh-Lin Wang and **Chi-Hung Lin**. (2009) A high speed detection platform based on surface-enhanced Raman scattering for monitoring antibiotic-induced chemical changes in bacteria cell wall. PLoS ONE 2009 May;4(5):e5470.
79. Wu YT, Huang CM, Lin CC, Ho WA, Lin LC, Chiu TF, Tarng DC, **Lin CH**, Tsai TH. Determination of melamine in rat plasma, liver, kidney, spleen, bladder and brain by liquid chromatography-tandem mass spectrometry. J Chromatogr A. 2009 May; (1216):7595–7601.
 80. Yen CC, Chen WM, Chen TH, Chen WY, Chen PC, Chiou HJ, Hung GY, Wu HT, Wei CJ, Shiao CY, Wu YC, Chao TC, Tzeng CH, Chen PM, **Lin CH**, Chen YJ, Fletcher JA. (2009) Identification of chromosomal aberrations associated with disease progression and a novel 3q13.31 deletion involving LSAMP gene in osteosarcoma. Int J Oncol. 2009 Oct;35(4):775-788.
 81. Hong-Wen Liu, Yun-Cin Luo, Chia-Lin Ho, and **Chi-Hung Lin**. (2009) Locomotion guidance by extracellular matrix is adaptive and can be restored by a transient change in Ca²⁺ level. PLoS One. 2009 Oct 5;4(10):e7330.
 82. Lin WJ, Yang CY, Lin YC, Tsai MC, Yang CW, Tung CY, Ho PY, Kao FJ, **Lin CH**. (2010) Phafin2 modulates the structure and function of endosomes by a Rab5-dependent mechanism. Biochem Biophys Res Commun. 2010 Jan 1;391:1043–1048.
 83. Wu YT, Huang CM, Lin CC, Ho WA, Lin LC, Chiu TF, Tarng DC, **Lin CH**, Tsai TH. Oral bioavailability, urinary excretion and organ distribution of melamine in Sprague-Dawley rats by high-performance liquid chromatography with tandem mass spectrometry. J Agr Food Chem. 2010 Jan 13;58(1):108-111.
 84. Chen CY, Anderson BO, Lo SS, **Lin CH**, Chen HM. Methicillin-Resistant Staphylococcus aureus Infections May Not Impede the Success of Ultrasound-Guided Drainage of Puerperal Breast Abscesses. J Am Coll Surg. 2010 Feb;210(2):148-154.
 85. Su PT, Yen PW, Wang SH, **Lin CH**, Chiou A, Syu WJ. Factors affecting daughter cells' arrangement during the early bacterial divisions. PLoS One. 2010 Feb 10;5(2):e9147.
 86. Li WT, Hwang DR, Song JS, Chen CP, Chuu JJ, Hu CB, Lin HL, Huang CL, Huang CY, Tseng HY, Lin CC, Chen TW, **Lin CH**, Wang HS, Shen CC, Chang CM, Chao YS, Chen CT. (2010) Synthesis and biological activities of 2-amino-1-arylidenamino imidazoles as orally active anticancer agents. J Med Chem. 2010 Mar 25;53(6):2409-2417.
 87. Hsieh CC, Kuo YH, Kuo CC, Chen LT, Cheung CHA, Chao TY, **Lin CH**, Pan WY, Chang CY, Chien SC, Chen TW, Lung CC, Chang JY. (2010) Chamacypanone C, a

- novel skeleton microtubule inhibitor, with anticancer activity by trigger caspase 8-Fas/FasL dependent apoptotic pathway in human cancer cells. *Biochem Pharmacol* 2010 May 1; 79(9):1261-1271.
88. Yang CY, **Lin CH**, Jiang JK. Effects of motivational enhancement therapy on readiness to change MDMA and methamphetamine use behaviors in Taiwanese adolescents. *J Surg Oncol*. 2010 Aug 1;102(2):196-197.
 89. Chen CF, Hsu EC, Lin KT, Tu PH, Chang HW, Lin CH, Chen YJ, Gu DL, **Lin CH**, Wu JY, Chen YT, Hsu MT, Jou YS. (2010) Overlapping high-resolution copy number alterations in cancer genomes identified putative cancer genes in hepatocellular carcinoma. *Hepatology*. 2010 Nov; 52(5):1690-1701.
 90. Pang TL, Chen FC, Weng YL, Liao HC, Yi YH, Ho CL, **Lin CH**, Chen MY. Costars, a Dictyostelium protein similar to the C-terminal domain of STARS, regulates the actin cytoskeleton and motility. *J Cell Sci*. 2010 Nov 1;123(Pt 21):3745-3755.
 91. Hu CB, Chen CP, Yeh TK, Song JS, Chang CY, Chuu JJ, Tung FF, Ho PY, Chen TW, **Lin CH**, Wang MH, Chang KY, Huang CL, Lin HL, Li WT, Hwang DR, Chern JH, Hwang LL, Chang JY, Chao YS, Chen CT. BPR0C261 is a novel orally active antitumor agent with antimitotic and anti-angiogenic activities. *Cancer Sci*. 2011 Jan;102(1):182-191.
 92. Shiau CK, Gu DL, Chen CF, **Lin CH**, Jou YS. (2010) IGRhCellID: integrated genomic resources of human cell lines for identification. *Nucleic Acids Res*. 2011 Jan;39(Database issue):D520-4.
 93. Yang JY, Cheng HW, Chen Y, Li Y, **Lin CH**, Lu KL. Hydrothermally roughened surface-enhanced Raman scattering-active substrates with low background signals for chemical sensing application. *J Nanosci Nanotechnol*. 2011 Mar;11(3):2012-2017.
 94. Shih YR, Tseng KF, Lai HY, **Lin CH**, Lee OK. Matrix stiffness regulation of integrin-mediated mechanotransduction during osteogenic differentiation of human mesenchymal stem cells. *J Bone Miner Res*. 2011 Apr;26(4):730-738.
 95. Yen CC, Tsao YP, Chen PC, Wu YC, Liu JH, Pan CC, Liu CY, Tzeng CH, Chen PM, Chen YJ, **Lin CH**, Hsu WH. PML protein as a prognostic molecular marker for patients with esophageal squamous cell carcinomas receiving primary surgery. *J Surg Oncol*. 2011 Jun;103(8):761-767.
 96. Lin CC, Chen LC, Tseng VS, Yan JJ, Lai WW, Su WP, **Lin CH**, Huang CY, Su WC. (2010) Malignant pleural effusion cells show aberrant glucose metabolism gene expression. *Eur Respir J*. 2011 Jun; 37(6):1453-65

97. Ting-Yu Liu, Kun-Tong Tsai, Huai-Hsien Wang, Yu Chen, Yu-Hsuan Chen, Yuan-Chun Chao, Hsuan-Hao Chang, **Chi-Hung Lin**, Juen-Kai Wang & Yuh-Lin Wang. (2011) Functionalized arrays of Raman-enhancing nanoparticles for capture and culture-free analysis of bacteria in human blood. *Nature Communications* 2, Article number:538 (15 November 2011)
98. Wen-Jie Lin, Chih-Yung Yang, Li-Li Li , Yung-Hsiang Yi , Ke-Wei Chen, Ying-Chih Lin, Chin-Chun Liu, **Chi-Hung Lin**. (2012). Lysosomal targeting of phafin1 mediated by Rab7 induces autophagosome formation. *Biochem Biophys Res Commun*. 2012 Jan 6;417(1):35-42
99. Kau S, Shiao CK, Gu DL, Ho CM, Su WH, Chen CF, **Lin CH**, Jou YS. IGDB.NSCLC: integrated genomic database of non-small cell lung cancer. *Nucleic Acids Res*. 2012 Jan;40(Database issue):D972-7.
100. Li WT, Hwang DR, Song JS, Chen CP, Chen TW, **Lin CH**, Chuu JJ, Lien TW, Hsu TA, Huang CL, Tseng HY, Lin CC, Lin HL, Chang CM, Chao YS, Chen CT. Synthesis and biological evaluation of 2-amino-1-thiazolyl imidazoles as orally active anticancer agents. *Invest New Drugs*. 2012 Feb;30(1):164-175.
101. Yung-Hsiang Yi, Yu-Sun Chang, **Chi-Hung Lin**, Tien-Shen Lew, Chih-Yung Tang, Wei-Lien Tseng, Ching-Ping Tseng, and Szecheng J. Lo. (2012). Integrin-mediated membrane blebbing is dependent on sodium-proton exchanger 1 and sodium-calcium exchanger 1 activity. *J Biol Chem*. 2012 Mar 23;287(13):10316-10324
102. Lee PY, Chien Y, Chiou GY, **Lin CH**, Chiou CH, Tarng DC. Induced pluripotent stem cells without c-Myc attenuate acute kidney injury via downregulating the signaling of oxidative stress and inflammation in ischemia-reperfusion rats. *Cell Transplant*. 2012;21(12):2569-2585.
103. Chen HP, Jiang JK, Chen CY, Chou TY, Chen YC, Chang YT, Lin SF, Chan CH, Yang CY, **Lin CH**, Lin JK, Cho WL, Chan YJ. Human cytomegalovirus preferentially infects the neoplastic epithelium of colorectal cancer: a quantitative and histological analysis. *J Clin Virol*. 2012 Jul;54(3):240-244.
104. Kuo YJ, Tsuang FY, Sun JS, **Lin CH**, Chen CH, Li JY, Huang YC, Chen WY, Yeh CB, Shyu JF. Calcitonin inhibits SDCP-induced osteoclast apoptosis and increases its efficacy in a rat model of osteoporosis. *PLoS One*. 2012;7(7):e40272.
105. Chin-Yau Chen, Yan-Zhong Chen, Hsueh-Neng Pu, Chien-Ho Tsai, Wei-Ting Chen, **Chi-Hung Lin**. Bacteriology of acute appendicitis and its implication for the use of prophylactic antibiotics. *Surg Infect (Larchmt)*. 2012 Dec;13(6):383-390.

106. Cheng S, Lin LC, **Lin CH**, Tsai TH. Comment on Pharmacokinetics and urine metabolite identification of dehydroevodiamine in the rat: from *Boymia ruticarpa* A. Juss. to *Tetradium ruticarpum* (A. Juss.) T.G. Hartley. *J Agr Food Chem*. 2013 Jan 16;61(2):472.
107. Chia-Lin Ho, Chih-Yung Yang, Wen-Jie Lin, **Chi-Hung Lin**. Ecto-Nucleoside Triphosphate Diphosphohydrolase 2 Modulates Local ATP-Induced Calcium Signaling in Human HaCaT Keratinocytes. *PLoS One*. 2013 Mar 11;8(3):e57666.
108. Chih-Sin Hsu, Chien-Yi Tung, Chih-Yung Yang, **Chi-Hung Lin**. Response to Stress in Early Tumor Colonization Modulates Switching of CD133-Positive and CD133-Negative Subpopulations in a Human Metastatic Colon Cancer Cell Line, SW620. *PLoS One*. 2013 Apr 5;8(4):e61133.
109. Hou ML, Chang LW, Chiang CJ, Tsuang YH, **Lin CH**, Tsai TH. Pharmacokinetics of di-isononyl phthalate in freely moving rats by UPLC-MS/MS. *Int J Pharmaceut*. 2013 Jun 25;450(1-2):36-43.
110. Hsueh TY, Wu YT, Lin LC, Chiu AW, **Lin CH**, Tsai TH. Herb-Drug Interaction of *Epimedium sagittatum* (Sieb. et Zucc.) Maxim Extract on the Pharmacokinetics of Sildenafil in Rats. *Molecules*. 2013 Jun 21;18(6):7323-7335.
111. Li WT, Yeh TK, Song JS, Yang YN, Chen TW, **Lin CH**, Chen CP, Shen CC, Hsieh CC, Lin HL, Chao YS, Chen CT. BPR0C305, an orally active microtubule-disrupting anticancer agent. *Anti-cancer Drugs*. 2013 Nov;24(10):1047-1057.
112. Huang HL, Yang WY, Pu HF, Tsai TH, **Lin CH**, Chen NJ, Tarng DC. Krüppel-like factor 5 associates with melamine-cyanurate crystal-induced nephritis in rats. *Nephrol Dial Transplant*. 2013 Oct;28(10):2477-83.
113. Tsai PJ, Wang HS, **Lin CH**, Weng ZC, Chen TH, Shyu JF. Intraportal injection of insulin-producing cells generated from human bone marrow mesenchymal stem cells decreases blood glucose level in diabetic rats. *Endocr Res*. 2014 Jan; 39(1):26-33
114. Chiang WC, Ko PC, Chang AM, Chen WT, Liu SS, Huang YS, Chen SY, Lin CH, Cheng MT, Chong KM, Wang HC, Yang CW, Liao MW, Wang CH, Chien YC, **Lin CH**, Liu YP, Lee BC, Chien KL, Lai MS, Ma MH. Bystander-initiated CPR in an Asian metropolitan: Does the socioeconomic status matter? *Resuscitation*. 2014 Jan;85(1):53-58
115. Yen CC, Hsiao CD, Chen WM, Wen YS, Lin YC, Chang TW, Yao FY, Hung SC, Wang JY, Chiu JH, Wang HW, **Lin CH**, Chen TH, Chen PC, Liu CL, Tzeng CH, Fletcher JA. Cytotoxic effects of 15d-PGJ2 against osteosarcoma through ROS-mediated AKT and

- cell cycle inhibition. *Oncotarget*. 2014 Feb; 5(3):716-725
116. Hwang WL, Jiang JK, Yang SH, Huang TS, Lan HY, Teng HW, Yang CY, Tsai YP, **Lin CH**, Wang HW, Yang MH. MicroRNA-146a directs the symmetric division of Snail-dominant colorectal cancer stem cells. *Nat Cell Biol*. 2014 Feb 23;16(3):268-280.
117. Hou ML, Chang LW, **Lin CH**, Lin LC, Tsai TH. Determination of bioactive components in Chinese herbal formulae and pharmacokinetics of rhein in rats by UPLC-MS/MS. *Molecules*. 2014 Apr 2;19(4):4058-4075.
118. Hong-Wen Liu, Chia-Ping Lin, Yi-Jia Liou, Kuo-Wei Hsu, Jung-Yen Yang, **Chi-Hung Lin**. NBT-II cell locomotion is modulated by restricting the size of focal contacts and is improved through EGF and ROCK signaling. *The International Journal of Biochemistry & Cell Biology* 51 (April, 2014) 131–141
119. Cheng S, Lin LC, **Lin CH**, Tsai TH. Comparative oral bioavailability of geniposide following oral administration of geniposide, Gardenia jasminoides Ellis fruits extracts and Gardenia herbal formulation in rats. *J Pharm Pharmacol*. 2014 May;66(5):705-712.
120. Ju-Yu Tseng, Chih-Yung Yang, Shu-Ching Liang, Ren-Shyan Liu, Shung-Haur Yang, Jen-Kou Lin, Yuh-Min Chen, Yu-Chung Wu, Jeng-Kai Jiang, and **Chi-Hung Lin**. Interleukin-17A Modulates Circulating Tumor Cells in Tumor Draining Vein of Colorectal Cancers and Affects Metastases. *Clin Cancer Res*. 2014 Jun 1;20(11):2885-2897.
121. Chih-Yung Yang, Ruey-Hwa Lu, Chien-Hsing Lin, Chih-Hung Jen, Chien-Yi Tung, Shung-Haur Yang, Jen-Kou Lin, Jeng-Kai Jiang, **Chi-Hung Lin**. Single Nucleotide Polymorphisms Associated with Colorectal Cancer Susceptibility and Loss of Heterozygosity in a Taiwanese Population. *PLoS ONE*. 2014 Jun 26;9(6):Article number e100060.
122. Andri Hardiansyah, Li-Ying Huang, Ming-Chien Yang, Ting-Yu Liu, Sung-Chen Tsai, Chih-Yung Yang, Chih-Yu Kuo, Tzu-Yi Chan, Hui-Ming Zou, Wei-Nan Lian, **Chi-Hung Lin**. Magnetic liposomes for colorectal cancer cells therapy by high-frequency magnetic field treatment. *Nanoscale Research Letters* 2014 Sep, 9(1):497
123. Hou ML, Chang LW, **Lin CH**, Lin LC, Tsai TH. Comparative pharmacokinetics of rhein in normal and loperamide-induced constipated rats and microarray analysis of drug-metabolizing genes. *J Ethnopharmacol*. 2014 Sep 11;155(2):1291-1299.
124. Hsieh TH, Chien CL, Lee YH, Lin CI, Hsieh JY, Chao ME, Liu DJ, Chu SS, Chen W, Lin SC, Ho DM, Liu RS, **Lin CH**, Wong TT, Wang HW. Downregulation of SUN2, a novel tumor suppressor, mediates miR-221/222-induced malignancy in central nervous

- system embryonal tumors. *Carcinogenesis*. 2014 Oct;35(10):2164-2174.
125. Tseng JY, Yang CY, Liang SC, Liu RS, Jiang JK, **Lin CH**. Dynamic changes in numbers and properties of circulating tumor cells and their potential applications. *Cancers*. 2014 Dec 16;6(4):2369-2386.
126. Tsai PJ, Wang HS, Lin GJ, Chou SC, Chu TH, Chuan WT, Lu YJ, Weng ZC, Su CH, Hsieh PS, Sytwu HK, **Lin CH**, Chen TH, Shyu JF. Undifferentiated Wharton's Jelly Mesenchymal Stem Cell Transplantation Induces Insulin-Producing Cell Differentiation and Suppression of T Cell-Mediated Autoimmunity in Non-Obese Diabetic Mice. *Cell Transplant*. 2015 Feb; 24(8):1555-1570
127. Chen C, Chen CY, Yang CY, **Lin CH**, Cheng Y. Testosterone modulates preattentive sensory processing and involuntary attention switches to emotional voices. *J Neurophysiol*. 2015 Mar 15;113(6):1842-1849.
128. Liang SC, Yang CY, Tseng JY, Wang HL, Tung CY, Liu HW, Chen CY, Yeh YC, Chou TY, Yang MH, Whang-Peng J, **Lin CH**. ABCG2 Localizes to the Nucleus and Modulates CDH1 Expression in Lung Cancer Cells. *Neoplasia*. 2015 Mar;17(3):265-278.
129. Tseng JY, Yang CY, Yang SH, Lin JK, **Lin CH**, Jiang JK. Circulating CD133⁺/ESA⁺ cells in colorectal cancer patients. *J Surg Res*. 2015 Dec;199(2):362-370
130. Yang CY, Tseng JY, Chen CF, Chou TY, Gao HW, Hua CL, **Lin CH**, Lin JK, Jiang JK. Genome-wide copy number changes and CD133 expression characterized distinct subset of colon polyps: differentiation between incidental polyps and cancer-associated polyps. *Int J Colorectal Dis*. 2015 Dec;30(12):1617-1626.
131. Hou ML, **Lin CH**, Lin LC, Tsai TH. The drug-drug effects of rhein on the pharmacokinetics and pharmacodynamics of clozapine in rat brain extracellular fluid by in vivo microdialysis. *J Pharmacol Exp Ther*. 2015 Oct;355(1):125-134.
132. Kao SY, Shyu JF, Wang HS, **Lin CH**, Su CH, Chen TH, Weng ZC, Tsai PJ. Comparisons of Differentiation Potential in Human Mesenchymal Stem Cells from Wharton's Jelly, Bone Marrow, and Pancreatic Tissues. *Stem Cells Int*. 2015;2015:306158. Epub 2015 Jul 29.
133. Chen YT, Shih CJ, Ou SM, Hung SC, **Lin CH**, Tarng DC; Taiwan Geriatric Kidney Disease (TGKD) Research Group. Periodontal Disease and Risks of Kidney Function Decline and Mortality in Older People: A Community-Based Cohort Study. *Am J Kidney Dis*. 2015 Aug;66(2):223-230.
134. Tsai MT, Chen YT, **Lin CH**, Huang TP, Tarng DC. U-shaped curve mortality associated

- with platelet count among older people: a community-based cohort study. *Blood*. 2015 Sep 24;126(13):1633-1635.
135. Yang CY, Liu HW, Tsai YC, Tseng JY, Liang SC, Chen CY, Lian WN, Wei MC, Lu M, Lu RH, **Lin CH**, Jiang JK. Interleukin-4 receptor-targeted liposomal doxorubicin as a model for enhancing cellular uptake and antitumor efficacy in murine colorectal cancer. *Cancer Biol Ther*. 2015 Oct;16(11):1641-1650.
136. Chen HP, Jiang JK, Lai PY, Teo WH, Yang CY, Chou TY, **Lin CH**, Chan YJ. Serological and viraemic status of human cytomegalovirus infection in patients with colorectal cancer is not correlated with viral replication and transcription in tumours. *J Gen Virol*. 2016 Jan;97(1):152-159.
137. Chien JY, Tsen SD, Chien CC, Liu HW, Tung CY and **Lin CH**. α TAT1 downregulation induces mitotic catastrophe in HeLa and A549 cells. *Cell Death Discovery* 2016 Feb. Article number: 16006 (2016)
138. Chien JY, **Lin CH**. α TAT1: a potential therapeutic target in cancer? *Cell Death Dis*. 2016 Mar 31;7:e2172.
139. Hou ML, Lu CM, **Lin CH**, Lin LC, Tsai TH. Pharmacokinetics of Maleic Acid as a Food Adulterant Determined by Microdialysis in Rat Blood and Kidney Cortex. *Molecules*. 2016 Mar 17;21(3):367.
140. Liu CY, Han YY, Shih PH, Lian WN, Wang HH, **Lin CH**, Hsueh PR, Wang JK, Wang YL. Rapid bacterial antibiotic susceptibility test based on simple surface-enhanced Raman spectroscopic biomarkers. *Sci Rep*. 2016 Mar 21;6:23375.
141. Hsueh TY, Ho JK, Lin LC, Chiu AW, **Lin CH**, Tsai TH. Herb-drug interaction of Epimedium extract on the pharmacokinetic of dapoxetine in rats. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2016 Mar 1;1014:64-69.
142. Lin TP, Chang YT, Lee SY, Campbell M, Wang TC, Shen SH, Chung HJ, Chang YH, Chiu AW, Pan CC, **Lin CH**, Chu CY, Kung HJ, Cheng CY, Chang PC. REST reduction is essential for hypoxia-induced neuroendocrine differentiation of prostate cancer cells by activating autophagy signaling. *Oncotarget*. 2016 Mar 28. 7(18):26137-26151
143. Kuo CY, Liu TY, Chan TY, Tsai SC, Hardiansyah A, Huang LY, Yang MC, Lu RH, Jiang JK, Yang CY, **Lin CH**, Chiu WY. Magnetically triggered nanovehicles for controlled drug release as a colorectal cancer therapy. *Colloids Surf B Biointerfaces*. 2016 Apr 1;140:567-573.
144. Shih CJ, Chen YT, Ou SM, **Lin CH**, Tarng DC; Taiwan Geriatric Kidney Disease (TGKD) Research Group. Observed Blood Pressure and Mortality Among People Aged

- 65 Years and Older: A Community-Based Cohort Study. *J Am Med Dir Assoc*. 2016 Jul 1;17(7):654-662.
145. Chen HP, Jiang JK, Chen CY, Yang CY, Chen YC, **Lin CH**, Chou TY, Cho WL, Chan YJ. Identification of human cytomegalovirus in tumor tissues of colorectal cancer and its association with the outcome of non-elderly patients. *J Gen Virol*. 2016 Sep;97(9):2411-2420
146. Chen TW, Liu HW, Liou YJ, Lee JH, **Lin CH**. Over-expression of stomatin causes syncytium formation in nonfusogenic JEG-3 choriocarcinoma placental cells. *Cell Biol Int*. 2016 Aug;40(8):926-933.
147. Lee JH, Hsieh CF, Liu HW, Chen CY, Wu SC, Chen TW, Hsu CS, Liao YH, Yang CY, Shyu JF, Fischer WB, **Lin CH**. Lipid raft-associated stomatin enhances cell fusion. *FASEB J*. 2017 Jan;31(1):47-59.
148. Hua K, Lin CH, Chen YL, **Lin CH**, Ping YH, Jou YS, Chen CF. Identification of Novel Cancer Fusion Genes Using Chromosome Breakpoints Screening. *Oncology Reports*. 2017 Apr;37(4):2101-2108.
149. Liao KH, Chang SJ, Chang HC, Chien CL, Huang TS, Feng TC, Lin WW, Shih CC, Yang MH, Yang SH, **Lin CH**, Hwang WL, Lee OK. Endothelial angiogenesis is directed by RUNX1T1-regulated VEGFA, BMP4 and TGF- β 2 expression. *PLoS One*. 2017 Jun 22;12(6):e0179758.
150. Chang TY, Tsai WC, Huang TS, Su SH, Chang CY, Ma HY, Wu CH, Yang CY, **Lin CH**, Huang PH, Cheng CC, Cheng SM, Wang HW. Dysregulation of endothelial colony-forming cell function by a negative feedback loop of circulating miR-146a and -146b in cardiovascular disease patients. *PLoS One*. 2017 Jul 20;12(7):e0181562.
151. Liao CP, Lin TP, Li PC, Geary LA, Chen K, Vaikari VP, Wu JB, **Lin CH**, Gross ME, Shih JC. Loss of MAOA in epithelia inhibits adenocarcinoma development, cell proliferation and cancer stem cells in prostate. *Oncogene*. 2018 May 29. 37, 5175–5190.
152. Lu IL, Chen C, Tung CY, Chen HH, Pan JP, Chang CH, Cheng JS, Chen YA, Wang CH, Huang CW, Kang YN, Chang HY, Li LL, Chang KP, Shih YH, **Lin CH**, Kwan SY, Tsai JW. Identification of genes associated with cortical malformation using a transposon-mediated somatic mutagenesis screen in mice. *Nat Commun*. 2018 Jun 27;9(1):2498.
153. Hua K, Chen YT, Chen CF, Tang YS, Huang TT, Lin YC, Yeh TS, Huang KH, Lee HC, Hsu MT, Chi CW, Wu CW, **Lin CH**, and Ping YH. miR-23a/27a/24-2 cluster promotes gastric cancer cell proliferation in a synergetic manner. *Oncology Letters* 2018 Aug;16(2):2319-2325

154. Chang YT, Lin TP, Tang JT, Campbell M, Luo YL, Lu SY, Yang CP, Cheng TY, Chang CH, Liu TT, **Lin CH**, Kung HJ, Pan CC, Chang PC. HOTAIR is a REST-regulated lncRNA that promotes neuroendocrine differentiation in castration resistant prostate cancer. *Cancer Lett.* 2018 Oct 1;433:43-52.
155. Wei-Ju Lin, Chien-Yi Tung, Muh-Yong Yen, Yu-Jiun Chan, **Chi-Hung Lin** & Po-Ren Hsueh. A Novel Target Pathogen Identification and Tracking System Using Capillary Electrophoresis-Random Amplified Polymorphic DNA. *Scientific Reports* 2018 Oct 18;8(1):15365
156. Lin TP, Li J, Li Q, Li X, Liu C, Zeng N, Huang JM, Chu GC, **Lin CH**, Zhou HE, Chung LWK, Wu BJ, Shih JC. R1 Regulates Prostate Tumor Growth and Progression By Transcriptional Suppression of the E3 Ligase HUWE1 to Stabilize c-Myc. *Mol Cancer Res.* 2018 Dec;16(12):1940-1951
157. Wei-Cheng Tseng, Yung-Tai Chen, Yao-Ping Lin, Shuo-Ming Ou, Chih-Yu Yang, **Chi-Hung Lin**, Der-Cherng Tarng, Taiwan Geriatric Kidney Disease (TGKD) Research Group. Hyperuricemia Predicts an Early Decline in Renal Function among Older People: A Community-Based Cohort Study. *Sci Rep.* 2019 Jan 30;9(1):980
158. Hsueh-Yao Chu, Long-Sheng Lu, Wanying Cho, Shin-Yao Wu, Yu-Cheng Chang, Chien-Ping Lin, Chih-Yung Yang, **Chi-Hung Lin**, Jeng-Kai Jiang, Fan-Gang Tseng. Enumerating Circulating Tumor Cells with a Self-Assembled Cell Array (SACA) Chip: A Feasibility Study in Patients with Colorectal Cancer. *Cancers (Basel).* 2019 Jan 8;11(1):56
159. Cheng WC, Liao TT, Lin CC, Yuan LE, Lan HY, Lin HH, Teng HW, Chang HC, **Lin CH**, Yang CY, Huang SC, Jiang JK, Yang SH, Yang MH, Hwang WL. RAB27B-activated secretion of stem-like tumor exosomes delivers the biomarker microRNA-146a-5p, which promotes tumorigenesis and associates with an immunosuppressive tumor microenvironment in colorectal cancer. *Int J Cancer.* 2019 Oct 15;145(8):2209-2224
160. Huang CY, Lee WJ, Lin HP, Chen RC, Lin CH, Peng LN, Chen LK. Epidemiology of frailty and associated factors among older adults living in rural communities in Taiwan. *Arch Gerontol Geriatr.* 2019 Nov 18;87:103986.
161. Wu CY, Lee MB, **Lin CH**, Kao SC, Tu CC, Chang CM. A longitudinal study on psychological reactions and resilience among young survivors of a burn disaster in Taiwan 2015-2018. *J Adv Nurs.* 2020 Feb;76(2):514-525.
162. C-S Lin, W-J Lee, S-Y Lin, H-P Lin, R-C Chen, C-H Lin, L-K Chen. Predicting New-Onset Diabetes Mellitus by Component Combinations of Premorbid Metabolic

Syndrome among Older Adults in Taiwan. *J Nutr Health Aging*, 2020 March; 24(6):650-658.

163. Wei-Che Tsai, Wei-Hui Chiang, Chun-Hsien Wu, Yue-Cheng Li, Mel Campbell, Po-Hsun Huang, Ming-Wei Lin, **Chi-Hung Lin**, Shu-Meng Cheng, Pei-Ching Chang, Cheng-Chung Cheng. miR-548aq-3p is a novel target of Far infrared radiation which predicts coronary artery disease endothelial colony forming cell responsiveness. *Sci Rep*. 2020 Apr 22;10(1):6805
164. Hsu Ma, Kwang-Yi Tung, Shu-Ling Tsai, David L. Neil, Yun-Yi Lin, Hung-Tsang Yen, Kao-Li Lin, Yi-Ting Cheng, Shu-Chen Kao, Mei-Na Lin, Niann-Tzyy Dai, Cherng-Kang Perng, Tyng-Guey Wang, Hao-Chih Tai, Li-Ru Chen, Yung-Chang Tuan, **Chi-Hung Lin**. Assessment and determinants of global outcomes among 445 mass-casualty burn survivors: A 2-year retrospective cohort study in Taiwan. *BURNS*, 2020 Jun 2;S0305-4179(19)30074-9
165. Jun-Yi Chien , Yong-Chun Gu, Hsin-Mei Tsai, Chun-Hao Liu, Chia-Yuan Yen, Yuh-Lin Wang, Juen-Kai Wang, **Chi-Hung Lin**. Rapid identification of nicotine in electronic cigarette liquids based on surface-enhanced Raman scattering. *Journal of Food and Drug Analysis* 2020 27 June; 28:302-308
166. Lu-Yen Anny Chen, Chia-Yi Wu, Ming-Been Lee, **Chi-Hung Lin**, Shu-Chen Kao, Chung-Chieh Tu, Ran-Chou Chen. Predictors for psychological distress of young burn survivors across three years: A cohort study of a burn disaster in Taiwan. *J Nurs Scholarsh*. 2021 Nov 28. doi: 10.1111/jnu.12703. Online ahead of print.