

Association in North America since 2008. She is a Board Ambassador of the University of California, Irvine Foundation and has served on the Board of Directors for the South Coast Chinese Cultural Association and Laura's House. She was the SCCCA Chairman of the Board. She is the Founding President of the South Coast Chinese Cultural Foundation and led volunteer teams to build the \$11MM South Coast Chinese Cultural Center which opened in the City of Irvine in 2005. This Center has been well-used by the community and is the permanent home for over one thousand K-12 students of Irvine Chinese School every Sunday as they attend language and cultural programs. Diane is the Honorary Principal of Hua Yuan Experimental School in Tze-Hong, China. For her service and dedication to the community, Diane received the Spirit of Volunteerism Award from the County of Orange, Award for Chinese Cultural Leadership from Asian Business Association of Orange, and the Award of Vision in America from International Channel Networks.

## 系上研究近況及學術活動

(按姓氏筆畫排列)

(執行研究計畫如國科會或衛生署等計畫請另見第21頁統計表)

### 孔繁璐

1. P.-T. Chang, F.-L. Kung, R.S. Talekar, C.-S. Chen, S.-Y. Lai, H.-Y. Lee, J.-W. Chern. An improved screening model to identify inhibitors targeting zinc-enhanced amyloid aggregation. (2009) *Anal. Chem.* (in press)
2. F.-L. Kung, J.-L. Tsai, C.-H. Lee, K.-L. Lou, C.-Y. Tang, H.-H. Liou, K.-L. Lu, Y.-H. Chen, W.-J. Wang, M.-C. Tsai. Effects of sodium azide, barium ion, d-amphetamine and procaine on inward rectifying potassium channel 6.2 expressed in *Xenopus* oocyte. *J. Formos. Med. Assoc.* 2008; 107(8): 600-608

### 李水盛

1. Shoei-Sheng Lee\*, Hsiao-Ching Lin, and Chien-Kuang Chen. Acylated flavonol monorhamnosides,  $\alpha$ -Glucosidase inhibitors, from *Machilus*

*philippinensis* Merr. *Phytochemistry*. 2008; 69: 2347-2353

2. Lin-Chau Chang, Tai-Chia Chiub, Shoei-Sheng Lee, Ching-Hua Kuo and Tien-Chun Chang. Simultaneous Separation of Four Types of Steroid Hormones by Micellar Electrokinetic Chromatography with Cetyltrimethylammonium Bromide. *J. Chin. Chem. Soc. Taipei*. 2008; 55: 594-605
3. Shoei-Sheng Lee,\* Yi-Shan Lin, and Chien-Kuang Chen. Three Adducts of Butenolide and Apigenin Glycoside from the Leaves of *Machilus japonica*. *J. Natural Products*. 2009; 72: 1249-52.
4. Ca-Jane Shen, Chien-Kuang Chen and Shoei-Sheng Lee.\* Polar Constituents from *Sageretia thea* Leaf Characterized by HPLC-SPE-NMR Assisted Approaches. *J. Chin. Chem. Soc. Taipei*. 2009; 59 (in press)

### 出席學術會議

1. 參加國際海洋生物科技研討會 (2008.9.11-13, 主辦單位國立海洋科學博物館) 並受邀演講。

2. 參加2008兩岸中草藥合作及技術交流論壇 (2008.12.7~8, 主辦單位工研院) 並受邀演講。

### 何蘊芳

1. Hsiao C-J, Ho Y-F, Hsu J T-A, Chang W-L, Chen Y-C, Shen Y-Cg, Lyu P-C, Guh J-H. Mana-Hox displays anticancer activity against prostate cancers through tubulin depolymerization and DNA damage stress. *Naunyn-Schmiedeberg's Arch Pharmacol.* 2008; 378: 599-608
2. Ho Y-F, Wu M-H, Cheng B-H, Chen Y-W, Shih M-C. Lipid-mediated preferential localization of hypericin in lipid membranes. *Biochim Biophys Acta* 2009; 1788: 1287-1295
3. Chen L-J, Lin W-C, Lee S-J, Hsieh L-L, Lu PY, Wang S-F, Ho Y-F. An analysis on the format and contents of ambulatory prescriptions. *Formosan J Med.* 2009accepted
4. Ho Y-F, Huang D-K, Hsueh W-C, Lai M-Y, Yu H-Y, Tsai T-H. Differentiation of intestinal and hepatic impacts on indinavir pharmacokinetics by St. John's wort. *Life Sci* 2009; 85: 296-302.

### 忻凌偉

#### 出席學術會議及發表論文

1. 參加236th ACS National Meeting, Philadelphia, PA, USA (2008.8.17-21) 並發表壁報論文
2. 參加The 6th International Symposium of Chinese Medicinal Chemists (2008.7.28 -8.2 China) 並發表論文: Synthesis and Structure-Activity Relationship of Disubstituted Piperazines as Potential Positron Emission Tomography Imaging Agents for Dopamine Transporter.

### 沈雅敬

1. Chia-Ching Liaw, Ya-Ching Shen,\* Tsong-Long Hwang, Yao-Haur Kuo, Ashraf Taha Khalil. Frajunolides E-K, Briarane Diterpenes

from *Junceella fragilis*. *J. Nat. Prod.* 2008; 71(9):1551-1556

2. Chia-Ching Liaw, Yao-Haur Kuo, Tsong-Long Hwang, Ya-Ching Shen\*. Eupatozansins A-C, Sesquiterpene Lactones from *Eupatorium chinense* var. *tozanense*. *Helv. Chim. Acta.* 2008; 91: 2115-2121
3. Ya-Ching Shen,\* Yu-Chi Lin, Yuan-Bin Cheng, Michael Y. Chiang, Shorong-Shii Liou, Ashraf Taha Khalil. Dibenzocyclooctadiene lignans from *Kadsura philippinensis*. *Phytochemistry* 2009; 70: 114-120
4. Kuang-Liang Lo, Ashraf Taha Khalil, Yao-Haur Kuo, and Ya-Ching Shen\*. Sinuladiterpenes A-F, Cembrane Diterpenes from *Sinularia flexibilis*. *Chemistry and Biodiversity* 2009; in press
5. Lon-Je Luh, Mohamed H. Abd El-Razek, Chia-Ching Liaw, Chen-Tung Arthur Chen, Yun-Sheng Lin, Yao-Haur Kuo, Ching-Te Chien, and Ya-Ching Shen\*. Tri- and Bicyclic Taxoids from the Taiwanese Yew *Taxus sumatrana*. *Helv. Chim. Acta.* 2009; 92: 1349-1358.
6. Yuan-Bin Cheng, Meng-Ting Chang, Yi-Wen Lo, Ching-Jen Ho, Yuh-Chi Kuo, Ching-Te Chien, Shorong-Shii Liou, Yao-Haur Kuo and Ya-Ching Shen\*. Oxygenated Lignans from the Fruits of *Schisandra arisanensis*, *J. Nat. Prod.* 2009, in press.

#### 出席學術會議及發表論文

1. 參加8th Consortium Global Chinese Medicine (2009.8.26-28, Nottingham, UK) Section chairman, 並發表論文: Valuable Natural Products from Endemic Plants and Marine Organisms of Taiwan (oral); p-1: *Abeto-taxane* Diterpenoids from the Taiwanese Yew *Taxus sumatrana*; p-2: Phytoquinoids and *Seco-Prezizaane*-Type Sesquiterpenes from *Illicium arborescens*; p-3: Bioactive Taxane Diterpenoids from Taiwanese Yew *Taxus*

*sumatrana*; p-4: Verticillane-Type Diterpenoids and an Eduesmanolide-Type Sesquiterpene from the Formosan Soft Coral *Cespitularia hypotentaculata*; p-5: Juncenolides H-K, New Briarane Diterpenoids from *Junceella juncea*; p-6: Sinuladiterpenes A-F, Cembrane Diterpenes from *Sinularia flexibilis* (poster).

### 沈麗娟

1. Hao-Hsin Yu, Fe-Lin Lin Wu, Shan-Erh Lin, Li-Jiuan Shen. Recombinant arginine deiminase reduces inducible nitric oxide synthase (iNOS)-mediated neurotoxicity in a co-culture of neurons and microglia. *Journal of Neuroscience Research*. 2008; 86: 2963-72
2. Fe-Lin Lin Wu, Yun-Ru Chen, Marie Lin, Heng-Der Chern, Li-Jiuan Shen. Variability in the Frequency of Single Nucleotide Polymorphisms of N-acetyl Transferase 2 (NAT2) Gene among the Different Ethnic Groups in Taiwan. *Journal of Food and Drug Analysis*. 2008;16: 15-20
3. Yi-Shiu Lin, Li-Jiuan Shen, Yuun-Fan Ho, Fe-Lin Lin Wu. The cost of adverse drug reaction: a case report of phenytoin hypersensitivity after re-exposure in a patient with sensi. *Formosan Journal of Medicine*. 2008;12: 235-42.
4. Wan-Tseng Hsu, Li-Jiuan Shen, Yunn-Fang Ho, Zhao-Ming Huang, Fe-Lin Lin Wu. Analysis of the reimbursements of pharmaceutical services in health insurance contracted pharmacies in Taiwan and Japan. *Formosa Journal of Clinical Pharmacy*. 2008; 16: 39-55
5. Fe-Lin Lin Wu, Ching-Hua Kuo, Yee-Chun Chen, Hui-Wen Huang, Li-Jiuan Shen. An investigation of therapeutic outcome of anti-tuberculosis and polymorphism of NAT2 gene in Taiwan aboriginals. *Formosa Journal of Clinical Pharmacy*. 2008; 16(2): 1-15

### 林文貞

1. Wen Jen Lin\* and Kai-Ling Chang. Degradation of PCL-MPEG Diblock Copolymer in Rat Plasma. *Journal of biomedical materials research part A*, 85A(3): 692-698, 2008.
2. Wen Jen Lin\*, Tze Dan Chen, Chia-Wen Liu. Synthesis and characterization of lactobionic acid grafted pegylated chitosan and nanoparticle complex application. *Polymer* 2009. online

### 出席國際會議及發表論文

1. 參加36th Annual Meeting & Exposition of the Controlled Release Society (2009.7.18~22, Denmark) 並發表壁報論文：(1) Development of Sustained and Enteric Bi-functional Microparticles (2) Development of NLC Enriched Hydrogels for Transdermal Delivery of Acid-labile Drug
2. 參加1st Nano Today Conference (2009, 8. 2-5, Singapore) 並發表壁報論文：(1) Nanoparticles of lactobionic acid grafted peg-chitosan (2) Development of amine functionalized amphiphilic PLGA-peg copolymer for nanoparticles

### 林慧玲

1. Chein-Yi Tung, Fe-Lin Lin Wu, Chung-Chen Lin, Swu-Jane Lin, Yunn-Fang Ho. The public's perception towards chronic-illness refill prescriptions: community vs. hospital refill services. *Formosan Journal of Medicine*. 2008; 12 (6): 635-43. 董千儀、林慧玲、林昌誠、林素真、何蘊芳。民眾對醫院與社區藥局慢性病連續處方調劑服務的觀感. 台灣醫學 2008; 12 (6): 635-43.
2. Fe-Lin Lin Wu, Yun-Ru Chen, Marie Lin, Heng-Der Chern, Li-Jiuan Shen. Variability in the Frequency of Single Nucleotide Polymorphisms of N-acetyl Transferase 2 (NAT2) Gene among the Different Ethnic Groups in Taiwan. *Journal of*



- Food and Drug Analysis*. 2008; 16: 15-20
3. Kuo-Hsin Chen, Meng-Kun Tsai, I-Rue Lai, Fe-Lin Lin Wu, Rey-Heng Hu, Po-Huang Lee. Favorable results of concomitant tacrolimus and sirolimus therapy in taiwanese renal transplant recipients at 12 months. *Journal of the Formosan Medical Association*. 2008; 107(7): 533-539.
  4. Hao-Hsin Yu, Fe-Lin Lin Wu, Shan-Erh Lin, Li-Jiuan Shen. Recombinant arginine deiminase reduces inducible nitric oxide synthase iNOS-mediated neurotoxicity in a coculture of neurons and microglia. *Journal of Neuroscience Research*. 2008; 86: 2963-72.
  5. I-Lin Tsai, Fe-Lin Lin Wu, Churn-Shiouh Gau and Ching-Hua Kuo. Method development for the determination of teicoplanin in patient serum by solid phase extraction, micellar electrokinetic chromatography. *Talanta*. 2008; 77: 1208-16.
  6. Fe-Lin Lin Wu, Ching-Hua Kuo, Yee-Chun Chen, Hui-Wen Huang, Li-Jiuan Shen. An investigation of therapeutic outcome of anti-tuberculosis and polymorphism of NAT2 gene in Taiwan aboriginals in some cities. 林慧玲、郭錦樺、陳宜君、黃惠玟、沈麗娟。肺結核藥物治療成效與NAT2基因多型性於臺灣特定縣市族群之探究. *Formosa Journal of Clinical Pharmacy*. 2008; 16(2): 1-15.
  7. Wan-Tseng Hsu, Li-Jiuan She, Yunn-Fang Ho, Zhao-Ming Huang, Fe-Lin Lin Wu. Comparison of the reimbursements of pharmaceutical services in health insurance contracted pharmacies in Taiwan and Japan 徐莞曾、沈麗娟、何蘊芳、黃肇明、林慧玲。臺灣與日本保險特約藥局藥事服務費支付現況及分析. *Formosa Journal of Clinical Pharmacy* 2008; 16(3): 33-50.
  8. Li-Jiuan Shen, Fe-Lin Lin Wu\*, Yunn-Fang Ho, Karin CS. Chen Lin. Evolution of Pharmacy Education in Taiwan. *Journal of the Korean Society of Pharmaceutical Regulatory Sciences*

2008; 3 (1,2) :71-7.

9. 朱蓁蓁，沈麗娟，何蘊芳，林慧玲。用藥安全推動成果與展望. *Journal of Healthcare Quality* 2009; 3(2): 23-27.

#### 出席國際會議及發表論文

1. Li-Jiuan Shen, Fe-Lin Lin Wu. Evolution of Pharmacy Education in Taiwan . 2008 Spring International Symposium of the Pharmaceutical Society of Korea (2008.05.1-2) in Jeju Island, Republic of Korea.
2. 林慧玲。用藥安全推動成果與展望。病人安全推動成果回顧與展望研討會 (Retrospection and Perspection on Patient Safety, 2008.12.20)。

#### 林君榮

1. Yeh WL, Lin CJ, Fu WM. Enhancement of glucose transporter expression of brain endothelial cells by vascular endothelial growth factor derived from glioma exposed hypoxia. *Molecular Pharmacology*. 2008; 73: 170-177
2. Hung CC, Chen CC, Lin CJ, Liou HH. Functional evaluation of polymorphisms in the human ABCB1 gene and the impact on clinical responses of antiepileptic drugs. *Pharmacogenetics and Genomics*. 2008; 18: 390-402
3. Huang FD, Kung FL, Tseng YC, Chen MR, Lin CJ\*. Regulation of protein expression and function of OCTN2 in forskolin-induced syncytialization in BeWo cell. *Placenta*. 2008; 000
4. Lin CJ, Yen MF, Hu OYP, Lin MS, Hsiung CH, Liou HH. Association of Galactose Single-Point Test Levels and Phenytoin Metabolic Polymorphisms with Gingival Hyperplasia in Patients Receiving Long-Term Phenytoin Therapy. *Pharmacotherapy*. 2008; 28: 35-41

#### 出席學術會議及發表論文

1. 參加 AAPS (American Association of Pharmaceutical Scientists) (2008.11.16-20, USA) annual meeting，並發表壁報論文：Dose-

dependent effects of phenobarbital on human placental glucose transporter type

### 林淑文

1. Carver PL, Lin SW, DePestel DD, Newton DW. Impact of mecA gene testing and intervention by infectious disease clinical pharmacists on time to optimal antimicrobial therapy for Staphylococcus aureus bacteremia at a University Hospital. *Journal of clinical Microbiology*. 2008; 46: 2381-2383

### 高純琇

1. Susan Shur-Fen Gau, Ching-Hu Chung, Churn-Shiouh Gau. A Pharmacoeconomic Analysis of Atypical Antipsychotics and Haloperidol in First-episode Schizophrenic Patients in Taiwan. *Journal of Clinical Psychopharmacology* 2008; 28(3) 271-278
2. Susan Shur-Fen Gau, Pei-Fong Chao, Yu-Jun Lin, Ching-Jui Chang, Churn-Shiouh Gau\*. The Association between Carbamazepine and Valproate and Adverse Cutaneous Drug Reactions in Patients with Bipolar Disorders -A Nested Matched Case-Control Study. *Journal of Clinical Psychopharmacology* 2008; 28(10): 509-517

### 出席學術會議及發表論文

1. 參加會議The XII Congress of the South American Pharmaceutical Federation (2008.11.8-21, 烏拉圭), 並發表論文: Hospital Pharmacy in Taiwan (Oral presentation)
2. 參加會議The 8th Annual International Conference of International Society of Pharmacovigilance (2008.10.5-8, 阿根廷), 並發表論文: (1)Evidence to Support the Regulation Decision for the Usage of Pergolide in Patients with Parkinson's Disease. (Poster presentation、Oral presentation)、(2) Analysis of Drug Adverse Reaction Relief applications in Taiwan from

1999-2007. (Oral presentation)

### 陳基旺

1. Yu ST, Chen TM, Chern JW, Tseng SY, Chen YH. Downregulation of GSTpi expression by tryptanthrin contributing to sensitization of doxorubicin-resistant MCF-7 cells through c-jun NH2-terminal kinase-mediated apoptosis. *Anticancer Drugs*. 2009; 20: 382-8

2. Chen CS, Chiou CT, Chen GS, Chen SC, Hu CY, Chi WK, Chu YD, Hwang LH, Chen PJ, Chen DS, Liaw SH, Chern JW. Structure-based discovery of triphenylmethane derivatives as inhibitors of hepatitis C virus helicase. *J. Med. Chem.* 2009; 52: 2716-23

### 出席學術會議及發表論文

1. 參加237th ACS National Meeting & Exposition (2009.3.22-26)
2. 參加2009 Pharmaceutical chemical symposium (2009.5.28~30主辦單位The Pharmaceutical Society of Taiwan) 並發表論文: Molecular mechanisms and cellular determinants of response to a topoisomerase I inhibitor, QD-23, in colon cancer cell lines. Chiung-Hua Huang, Qi-Dong You, and Ji-Wang Chern
3. 參加4th Asian Association of Schools of Pharmacy (AASP)、9th MPS-Pharmacy Scientific Conference 2009 (MPSPSC) (2009.6.10-6.13, Malaysia) 並發表論文: Anti-Inflammatory Effects of the Selective Cyclooxygenase-2 Inhibitor CX9051 in THP-1 Human Macrophages. Chiung-Hua Huang, Chien-Shu Chen and Ji-Wang Chern
4. 參加The 9th World Congress on Inflammation 2009 (2009.07.10-13, Japan) 並發表論文: Anti-Inflammatory Effects of the Cyclooxygenase-2 (COX-2) and 5-Lipoxygenase (5-LOX) Dual Inhibitor CX9051 in Human THP-1 Macrophages. Chiung-Hua Huang, Chien-Shu

Chen and Ji-Wang Chern

5. 參加2009 The Cross-Strait pharmacy graduate students symposium (2009.7.25-8.1, China, 主辦單位China Pharmaceutical University) 並發表論文: Discovery of a Cyclooxygenase-2/5-Lipooxygenase Dual Inhibitor CX9051. Chiung-Hua Huang and Ji-Wang Chern

### 陳燕惠

1. Sung-Tsai Yu, Tzer-Ming Chen, Ji-Wang Chern, Shih-Yun Tseng, and, Yen-Hui Chen.\* Downregulation of GST $\pi$  expression by tryptanthrin contributing to sensitization of doxorubicin-resistant MCF-7 cells through c-jun NH2-terminal kinase-mediated apoptosis. *Anti-Cancer Drugs* 2009; 20:382-388.

### 出席學術會議及發表論文

1. 參加The 68th FIP (Federation of International Pharmaceutical Associations) Congress (2008, Swiss) 並發表壁報論文: Tryptanthrin reverses multidrug resistance in doxorubicin-resistant MCF-7 breast cancer cells through transporter and non-transporter pathways.

### 許麗卿

1. Yu Y.-M., Pace S.M., Allen S.R., Deng C.-X., Hsu L.-C. A PP1-binding motif present in BRCA1 plays a role in its DNA repair function. *Int. J. Biol. Sci.* 2008; 4: 352-361

### 梁碧惠

1. Liang, P. -H.; Imamura, M.; Li, X.; Wu, D.; Fujio, M.; Guy, R.; Wu, B.-C.; Tsuji, M.; Wong, C.-H. Quantitative microarray analysis of intact glycolipid-CD1d interaction and correlation with cell-based cytokine production. *J. Am. Chem. Soc.* 2008; 130: 12348-12354

### 郭錦樺

1. L.-C. Chang, T.-C. Chiu, S.-S. Lee, C.-H. Kuo, T.-C. Chang Simultaneous separation of four types of steroid hormones by micellar electrokinetic chromatography with cetyltrimethylammonium bromide. *Journal of the Chinese chemical society* 2008; 55: 594-605
2. I-Lin Tsai, Fe-Lin LinWu, Churn-Shiouh Gau, Ching-Hua Kuo\* Method development for the determination of teicoplanin in patient serum by solid phase extraction and micellar electrokinetic chromatography. *Talanta* 2009; 77: 1208-1216
3. I-Lin Tsai; Shao-Wen Sun; Hsiao-Wei Liao; Shu-Chiao Lin; Ching-Hua Kuo Rapid analysis of melamine in infant formula by sweeping-micellar electrokinetic chromatography. *J. Chromatogr. A*\* 2009; in press

### 出席學術會議及發表論文

1. 參加The 8th Asia-Pacific International Symposium on Microscale Separations and Analysis, Kaohsiung (2008.11.2-5, Taiwan, 主辦單位APCE) 並發表壁報論文: Determination of Ethambutol in Human Plasma by Capillary Electrophoresis with Laser-Induced Fluorescence Detection

### 楊雅雯

1. Hsu, P. Y.-J., Kotin R.M., Yang Y.-W.\* Glucose- and metabolically regulated hepatic insulin gene therapy for diabetes. *Pharm. Res.* 2008; 25: 1460-1468.
2. Yang Y.-W\*, Hsu, P. Y.-J. *Biomaterials* 2008; 29: 2516-2526

### 楊家榮

1. Chen PH, Yang CR. Decoy receptor 3 expression in AsPC-1 human pancreatic adenocarcinoma cells via the phosphatidylinositol 3-kinase-, Akt-, and NF-kappaB-dependent pathway. *The Journal of Immunology.* 2008; 181: 8441-8449



2. Yang CR, Yu RK. Intracerebral transplantation of neural stem cells combined with trehalose ingestion alleviates pathology in a mouse model of Huntington's disease. *Journal of Neuroscience Research*. 2009; 87: 26-33

#### 出席學術會議及發表論文

1. 參加AACR International Conference on Infection and Cancer : Biology, Therapeutics, and Prevention (2008.12.5~7, 主辦單位American Association for Cancer Research) 並發表壁報論文 : (1) Decoy receptor 3 expression in AsPC-1 human pancreatic adenocarcinoma cells via the phosphatidylinositol 3-kinase-, Akt-, and NF-kappaB-dependent pathway(2)Denbinobin and fas ligand combination treatment has a synergistic anticancer effect in human pancreatic adenocarcinoma BxPC-3 cells

#### 顧記華

1. Chiang PC, Lin SC, Pan SL, Kuo CH, Tsai IL, Kuo MT, Wen WC, Chen P, Guh JH\*. Antroquinonol displays anticancer potential against human hepatocellular carcinoma cells: a crucial role of AMPK and mTOR pathways. *Biochem Pharmacol*. 2009 (in press).

2. Hsu JL, Chiang PC, Guh JH\*. Tunicamycin induces resistance to camptothecin and etoposide in human hepatocellular carcinoma cells:

role of cell-cycle arrest and GRP78. *Naunyn Schmiedebergs Arch Pharmacol*. 2009 (in press).

3. Yang CR, Guh JH, Teng CM, Chen CC, Chen PH. Combined treatment with denbinobin and Fas ligand has a synergistic cytotoxic effect in human pancreatic adenocarcinoma BxPC-3 cells. *Br J Pharmacol*. 2009; 157: 1175-1185.
4. Hsiao CJ, Ho YF, Hsu JT, Chang WL, Chen YC, Shen YC, Lyu PC, Guh JH\*. Mana-Hox displays anticancer activity against prostate cancer cells through tubulin depolymerization and DNA damage stress. *Naunyn Schmiedebergs Arch Pharmacol*. 2008; 378: 599-608.
5. Chiang PC, Hsu JL, Yeh TC, Pan SL, Guh JH\*. Elucidation of susceptible factors to endoplasmic reticulum stress-mediated anticancer activity in human hepatocellular carcinoma. *Naunyn Schmiedebergs Arch Pharmacol*. 2008; 377: 167-177.
6. Hsiao CJ, Li TK, Chan YL, Hsin LW, Liao CH, Lee CH, Lyu PC, Guh JH\*. WRC-213, an l-methionine-conjugated mitoxantrone derivative, displays anticancer activity with reduced cardiotoxicity and drug resistance: identification of topoisomerase II inhibition and apoptotic machinery in prostate cancers. *Biochem Pharmacol*. 2008; 75: 847-856.

## 師生榮譽榜

### 恭賀!!

本系陳基旺教授於2009.04.29榮獲臺大醫學院97學年度教學優良教師獎

### 恭賀!!

本系郭錦樺助理教授於2009.04.29榮獲臺大醫學院97學年度教學優良教師獎

### 恭賀!!

碩士班薛桂如同學（林文貞老師實驗室）榮獲2008台灣藥學會年會暨藥術研討會壁報論文獎第一名(藥劑學及藥物分析組)

### 恭賀!!

大學部同學黃建軒、蔡宏達、廖凡霆；劉元平、吉彥婷、傅至敏，榮獲97學年度第一學期臺灣大學服務學習課程表現優異獎。（課程名稱分別為服務學習一；服務學習三）。大學部同學賀筠婷榮獲「服務學習心得徵文獎」佳作。本系課程名稱「服務學習二-敬業藥群」，榮獲「服務學習SUPER課程獎」的學系佳作獎。

### 恭賀!!

大學部大四同學謝瑤，於2009.05.07醫學院鋼琴音樂比賽榮獲優等獎；於2009.04臺大醫學校區楓城新聞與評論第二屆(98年度)徵文比賽榮獲佳作。



## 98年度臺大藥學系所執行研究計畫之統計

執行研究單位：藥學系

委託單位	主持人	計畫名稱	計畫經費	起迄日期
國科會	林君榮	疾病以及藥物對人類胎盤細胞融合過程之影響以及其對於第二新型有機陽離子轉運蛋白〈OCTN2〉之功能與蛋白質影響之研究	1,083,000	98/08/01~99/07/31
國科會	林文貞	幾丁聚醣作為肝臟標的載體之改質研究	1,422,000	98/08/01~99/07/31
國科會	孔繁璐	Lipid Rafts 與APP 水解反應及阿茲海默症病程發展之相關性研究	1,360,000	98/08/01~99/07/31
國科會	李水盛	衍自樟屬及偵楠屬植物調降血糖活性成分之探究	1,600,000	98/08/01~99/07/31
國科會	沈麗娟	精胺酸-琥珀酸合成 之RNA干擾 (RNAi) 與精胺酸去亞氨 對癌細胞的影響	929,000	98/08/01~99/07/31
國科會	林慧玲	台灣地區病患Voriconazole療劑監測與CYP2C19基因多形性之研究	782,000	98/08/01~99/07/31
衛生署	林慧玲	兒童用藥安全	2,500,000	98/08/01~99/07/31
國科會	楊家榮	以增進FasL引起的細胞凋亡為考量的抗胰臟癌天然藥物研發並評估與化療藥物/放射線療法合併之應用及機轉探討	1,312,000	98/08/01~99/07/31
邁向頂尖大學計畫	沈雅敬	塔山澤蘭,八角,金絲桃活性成份研究	900,000	98/01/20~99/01/19
衛生署中醫藥委員會	陳燕惠	婦女在更年期或產後服用中藥製劑對體內總代謝體之影響 (2-2)	700,000	98/01/01~98/12/31
邁向頂尖大學計畫	梁碧惠	院級拔尖-設計與合成新型c-glycoside 及c-iminocyclitol 之phlorizin 類似物作為SGLT2的抑制劑	600,000	98/01/01~98/12/31
邁向頂尖大學計畫	林君榮	SGLT2 抑制劑降血糖藥物之藥動及藥效學性質研究	600,000	98/01/01~98/12/31
邁向頂尖大學計畫	許麗卿	院級拔尖計畫-篩選SGLT2抑制劑作為降血糖新藥	600,000	98/01/01~98/12/31
衛生署管制藥管局	郭錦樺	開發以UPLC-QTOF快速篩檢尿液中含有之濫用藥物及其代謝物之檢驗方法	900,000	98/01/01~98/12/31
衛生署	何蘊芳	國際間社區藥局藥事執業及專業品質比較分析研究	1,530,000	98/03/01~99/02/28

衛生署	高純琇	兒童長期使用神經或精神藥物對於身體、精神以及學習發展的影響	1,549,000	98/03/01~99/02/28
衛生署管制藥管局	陳燕惠	國內外麻醉藥品使用趨勢之研究	850,000	98/03/01~98/12/31
衛生署	忻凌偉	罕見疾病藥物Miglustat研究發展	1,000,000	98/02/27~98/12/10
衛生署藥物食品檢驗局	林君榮	化妝品安全性評估與檢驗方法之研究—化妝品中女性荷爾蒙類成分檢驗方法之研究	1,100,000	98/04/03~98/12/31
國科會	李水盛	第三期生技製藥國家型科技計畫核心設施計畫 (III)	6,300,000	98/05/01~99/04/30
國科會	沈雅敬	華素馨, <i>Asterospicularia</i> and <i>Cespitularia</i> 活性成分研究	1,509,000	98/08/01~99/07/31
國科會	梁碧惠	以化學和酵素合成三帖類皂 和類固醇類皂 作為抗癌藥物的研究	1,700,000	98/08/01~99/07/31
國科會	楊雅雯	抗氧化藥物對於抗原呈現之影響	900,000	98/08/01~99/07/31
國科會	沈雅敬	台灣產五味子之活性木質素及三 類成分研究	900,000	98/08/01~99/07/31
國科會	忻凌偉	新穎氟十八標記正子斷層掃描藥物之開發：以單胺轉運體為標靶	1,180,000	98/08/01~99/07/31
國科會	楊雅雯	高分子自行組裝疫苗傳輸	1,600,000	98/08/01~99/07/31
國科會	郭錦樺	以毛細管電泳法及微晶片電泳法快速定量病人血液中的triazole類抗黴菌藥物	720,000	98/08/01~99/07/31
國科會	許麗卿	抗乳癌基因BRCA1的蛋白磷酸水解 結合位點的功能研究	600,000	98/08/01~99/07/31
國科會	陳基旺	非典型精神抑制藥物之設計與開發	3,000,000	98/08/01~99/07/31
國科會	顧記華	抗癌活性評估及潛力物質的臨床前研究	2,700,000	98/08/01~99/07/31
邁向頂尖大學計畫	陳基旺	博士後研究員-醫學院-針對具抗神經退化及具神經纖維生長促進作用之化合物的篩選與鑑定	1,012,399	98/08/01~99/07/31

## 2009臺大藥學系碩博士班畢業學生名單與論文名稱

## 博士班

- 1江柏政 天然物經由調控胞內訊息傳遞而抑制前列腺癌與肝癌之抗癌機轉探討  
2尤松材 色胺酮在抗藥性乳癌細胞株MCF-7/adr抑制多重抗藥性之機制

## 碩士班

- 1梁玉芬 精胺琥珀合成酶的短髮夾核醣核酸(shRNA)於對基因合成精胺酸去亞胺酶具有抗性之癌細胞株的效果  
2孫譽維 類黃酮衍生物對人類雄激素不依賴型前列腺癌細胞的抗癌作用機轉探討  
3陳珮璇 Part A. 第三號誘餌受體經由PI3K/Akt/NF-kappa B的訊號路徑調控在AsPC-1人類胰臟癌細胞株的表現之研究 Part B. Denbinobin 藉由Src 去活性化抑制乳癌細胞移行及轉移作用之研究  
4楊穎奇 金絲桃素於人類肝癌細胞的攝取路徑與細胞內分佈之探討  
5鄭如辰 研究肝素結合凝血附著素相關胜肽之穿胞運輸性質  
6蔡梓璋 口服馬兜鈴酸對小鼠肝腎 CYP1A1、CYP1A2 和 NQO1 蛋白表現量變化之分析  
7林曄思 色胺酮在乳癌細胞MCF-7的作用  
8張婷婷 低氧環境對人類胎盤絨毛膜癌BeWo細胞上第二新型有機陽離子轉運蛋白(OCTN2)表現影響之研究  
9吳東益 圓滑番荔枝葉部之成份研究  
10薛桂如 醋酸纖維素共混聚合物的薄膜探討及其應用之研究  
11杜宜憲 奈米結構脂質載體之研究及其經皮遞送之應用  
12郭俊廷 第一部份：開發固相萃取及高效液相層析的方法以定量生物樣品中的 aripiprazole及其代謝物 dehydroaripiprazole 第二部份：以毛細管電泳及超高壓液相層析儀建立大黃的指紋圖譜  
13廖苑翔 衍生自Pavine 架構之中樞神經藥物研發(II)  
14黃克理 聚乙二醇含量對磁性微胞攜帶紫杉醇能力之影響  
15郭斐菡 神經滋養調控劑之合成設計與生物活性評估  
16詹皇劭 比較同類型糖尿病藥物troglitazone和rosiglitazone如何影響胎盤新型有機陽離子轉運蛋白第二型 (OCTN2) 的表現與功能  
17謝宗涵 探討FKBP12對APP代謝過程的影響  
18林家賦 AICD釋放對NMDA受體調節之ANKS1B轉位之影響  
19張孟亭 阿里山五味子果實活性木酚素成分之研究  
20吳紋綺 Ethambutol和Melamine的毛細管電泳分析方法開發  
21林雅竹 紅花八角果實Prenylated C6-C3類活性化合物研究  
22廖梓晴 阿里山五味子果實新穎三萜類成分之研究