

CURRICULUM VITAE

PERSONAL DATA

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PRESENT POSITION

1. Associate Professor : Department of Pharmacology, School of Medicine, College of Medicine, China Medical University, (1994~)

EDUCATION

1. B.S. in Pharmacy : School of Pharmacy, China Medical University, Taichung, Taiwan, Republic of China (1982~1987)
2. M.S. in Pharmacology : Institute of Chinese Pharmaceutical Sciences, China Medical University, Taichung, Taiwan, Republic of China (1978~1983)
3. Ph.D. in Pharmacology : Institute of Chinese Medicine and Pharmaceutical Sciences, China Medical University, Taichung, Taiwan, Republic of China (1989~1993)

HONOURS

1. The Best Teacher (績優導師) of China Medical University (2005)
2. Hong-Yuan Hsieh Academy of Chinese Medicine (2006)
3. 優秀論文獎 2007國際華夏醫藥糖尿病與心腦腎血管病醫院管理高峰論壇 (2007)
3. The Best Teacher (教學優良教師) of China Medical University (2009)

PUBLICATION

1. 圖解藥理學實驗 ISBN-13 : 978-986-6778-16-2 (2008/07)
2. 輕鬆認識中藥 ISBN-13 : 978-986-6778-15-5 (2008/07)
3. 常用中藥炮製實務 ISBN 978 - 986-677- 4-8 (2008/07)

■ FIELDS OF STUDY

1. Anti-cancer Pharmacology
2. Anti-inflammatory Pharmacology
3. Pharmacology on Chinese Herb
4. Cardiovascular Pharmacology

■ PUBLICATIONS

(A) Journal article

1. Chang NW, Pei RJ, Tseng HC, Yeh KT, Chan HC, Lee MR, Lin C, Hsieh WT, Kao MC, Tsai MH, Lin CF. Co-treating with arecoline and 4-nitroquinoline 1-oxide to establish a mouse model mimicking oral tumorigenesis 1-oxide..CHEMICO-BIOLOGICAL INTERACTIONS.2010 Jan;183(1) : 231-237
2. Lee HZ, Liu WZ, Hsieh WT, Tang FY, Chung JG, Leung HW. Oxidative stress involvement in Physalis angulata-induced apoptosis in human oral cancer cells. FOOD AND CHEMICAL TOXICOLOGY.2009 Mar;47(3) : 561-570
3. Lai JT, Hsieh WT, Fang HL, Lin WC..The protective effects of a fermented substance from Saccharomyces cerevisiae on carbon tetrachloride-induced liver damage in rats.CLINICAL NUTRITION.2009 Jun;28(6) : 338-345
4. Lai JT, Fang HL, Hsieh WT, Lin WC. Protective Effect of Fermented Substance from Saccharomyces cerevisiae on Liver Injury in Mice Caused by Acetaminophen. BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY. 2008 Oct;72(10) : 2514-2520
5. Lin JP, Yang JS, Wu CC, Lin SS, Hsieh WT, Lin ML, Yu FS, Yu CS, Chen GW, Chang YH, Chung JG. Berberine Induced Down-regulation of Matrix Metalloproteinase-1, -2 and -9 in Human Gastric Cancer Cells (SNU-5) In Vitro.IN VIVO.2008 Apr;(22) : 223-230
6. Hsieh WT, Huang KY, Lin HY, Chung JG. Physalis angulata induced G2/M phase arrest in human breast cancer cells. FOOD AND CHEMICAL TOXICOLOGY.2006 Jul;7(44) : 974-983
7. Lin JP, Yang JS, Lee JH, Hsieh WT, Chung JG. Berberine induced cell cycle rrest and apoptosis in human gastric carcinoma SNU-5 cell line..World journal of gastroenterology : WJG.2006 Jan;7(12) : 21-28
8. Chen HC, Hsieh WT, Chang WC, Chung JG. Aloe-emodin induced in vitro G2/M arrest of cell cycle in human promyelocytic leukemia HL-60 cells.FOOD AND CHEMICAL TOXICOLOGY.2004 Sep;42(8) : 1251-1257
9. Kao ST, Lin CS, Hsieh CC, Hsieh WT, Lin JG. Effects of xiao-qing-long-tang (XQLT) on bronchoconstriction and airway eosinophil infiltration in ovalbumin-sensitized guinea pigs: in vivo and in vitro tudies. ALLERGY.2001 Nov;56(12) : 1164-1171
10. Wu CH, Tsai BR, Hsieh WT, Chang GY, Mao SJ, Chang WC The preventive effects of G115 on ballon injury-induced neointima formation in rats.LIFE SCIENCES.2001 Jun;70(6) : 669-679
- 11.蔡輝彥*、朱秋玲、謝文聰、陳玉芳.The Role of Nitric Oxide on EDTA-induced Vasoconstriction in Isolated Rabbit Aorta.Mid-Taiwan Journal of Medicine.2001 Mar;6(1) : 22-29.
- 12.蔡輝彥、朱秋玲(Chu CL)、謝文聰、陳玉芳、蔡長海. Effects of Norepinephrine on Isolated rabbit aorta at different temperature. Mid-Taiwan Journal of Medicine.2001 Apr;6(4) : 57-61

(B) Conference presentation

1. PA-EM-A induced G2/M arrest and apoptosis in human Oral cancer HSC-3 cells. The 25th joint annual conference of biomedical sciences , Taipei, Taiwan , 2010.03/27 ~ 2007.03/28
2. VT-N induced G2/M&S arrest and apoptosis in human Oral cancer HSC-3 cells The 25th joint annual conference of biomedical sciences , Taipei, Taiwan , 2010.03/27 ~ 2007.03/28
3. 市售梔子之基原鑑定與品質管制 , 2008研究學習群期末成果發表會 , 中國醫藥大學 , 2008.06/6 ~ 2008.06/6
4. Effects of PA-42 on the molecular mechanism of apoptosis and metastasis in human oral squamous cancer cells (HSC-3) , Eight international conference of anticancer research , Kos, Greece , 2008.10/17 ~ 2008.10/22
5. 苦蕒經由氧化性壓力引發人類口腔癌細胞凋亡 , 第23屆天然藥物研討會 , 中國醫藥大學 , 2008.09/21 ~ 2008.09/21
6. Preparation and Characterization of Herceptin-conjugated Polysaccharide Nanoparticles for siRNA Delivery , 亞太藥學新知研討會 , 台灣台中 , 2008.05/3 ~ 2008.05/4
7. Herceptin-conjugated Chitosan Nanoparticles for siRNA Delivery: Preparation and Characterization , 2007 International Conference on Bionano Science , Taipei , 2007.12/5 ~ 2007.12/8
8. In vitro and in vivo growth suppression of human cervical cancer cells by PA-22 , The 14th International Congress of Oriental medicine , Taipei, Taiwan, ROC , 2007.12/1 ~ 2007.12/4
9. Suppress G2/M cell cycle and metastasis in human oral squamous carcinoma (OSCC) cell lines HSC-3 , 中國醫藥大學暨附設醫院 第一屆國際癌症學術研討會 , 中國醫藥大學 , 2007.11/16 ~ 2007.11/17
10. 中國醫藥大學電腦模擬實驗應用於藥理學實驗教學執行策略與具體措施 , 第一屆海峽兩岸三地醫學院藥理學教學研討會 , 陽明大學 , 2007.08/25 ~ 2007.08/27
11. Physalis anagata extract prevent heat stroke in rats , The 6th scientific conference on cardiovascular sciences across the strait , China, xinjiang , 2007.07/27 ~ 2007.07/30
12. PA-22 INDUCED p53 MEDIATED APOPTOSIS IN HUMAN CERVICAL HELA CELLS , The 22th joint annual conference of biomedical sciences , Taipei, Taiwan , 2007.03/17 ~ 2007.03/18
13. The Molecular Mechanism of EA-1 inhibited growth in Human cervical cancer HeLa cell , The 15th World Congress of Pharmacology , Beijing, China , 2006.07/2 ~ 2006.07/7
14. Relaxation Mechanism of Pipoxolan on isolated rat aorta , The 15th World Congress of Pharmacology , Beijing, China , 2006.07/2 ~ 2005.07/7
15. Ure-3 Inhibited Cell Proliferation and Induced G2/M Arrest In Human Cervical HeLa Cells , The 21th Joint Annual Conference of Biomedical Sciences , 國防醫學院 , 2006.03/18 ~ 2006.03/19
16. UR-3 inhibited cell proliferation and induced G2/M arrest in human cervical HeLa cells , The 21 joint annual conference of biomedical sciences , Taipei, Taiwan, ROC , 2006.03/18 ~ 2006.03/19
17. The Molecular Mechanism of S Phase Cell Cycle Arrest by Crude Extract of Euphorbia antiquorum in Human Cervical Cancer Cells , Experimental Biology 2005 Annual meeting , San Diego, CA, USA , 2005.03/31 ~ 2005.04/5
18. The effects of exercise training and magnolia officinalis extract in hypercholesterolemic

- rabbits , The 21 joint annual conference of biomedical sciences , Taipei, Taiwan, ROC , 2005.03/26 ~2005.03/27
19. Role of ROS and MAPKs in crude extract of euphorbia antiquorum induced S phase arrest , The 21 joint annual conference of biomedical sciences , Taipei, Taiwan, ROC , 2005.03/26 ~ 2005.03/27
 20. Modification of rat uterine contractility by PauTsanWuYoSan , The 19th Joint Annual Conference of Biomesical Sciences (2004) , Taipei Taiwan ROC , 2004.04/10 ~ 2004.04/11
 21. Aloe-emodin induced in vitro G2/M phase arrest of cell cycle and apoptosis in human promyelocytic leukemia HL-60 cells , The 12th International congress of oriental medicine , Taipei, Taiwan, ROC , 2003.11/6 ~ 2003.11/9
 22. Aloe-emodin induces growth inhibition and G2/M-phase arrest in human leukemia HL-60 cells , Experimental Biology 2003 Annual meeting , SanDiego, CA, USA , 2003.04/11 ~ 2003.04/15
 23. Butanolic layer of methanolic extract from Solanum indicum affect cell viability, cell cycles and S phase related cyclins in human leukemia cells , The Eighteenth Joint Annual Conference of Biomedical Sciences , Taiwan ROC , 2003.03/21 ~ 2003.03/22
 24. 廣東山葡萄粗提取物對於抗炎鎮痛及血癌細胞之藥理研究 , 第十七屆天然藥物研討會暨中草藥生物科技研討會 P129 , 中國醫藥大學 , 2002.07/23 ~ 2002.07/13
 25. 廣東山葡萄粗提取物對於抗癌鎮痛劑血癌細胞之藥理研究 , 第十七屆天然物研討會暨中草藥生物科技研討會 , 中國醫藥學院 , 2002.07/13 ~ 2002.07/13
 26. Butanolic layer of methanolic extract from Solanum indicum inhibit cell growth by interfering with cell cycle and inducing apoptosis in human leukemia , 17th Symposium on natural products and biotechnology of chinese herb , Taiwan ROC , 2002.03/29 ~ 2002.03/30
 27. 鈕子茄甲醇抽出物之正丁醇層藉由干擾細胞週期和誘導細胞凋亡抑制人類削癌細胞生長 , 第十七屆天然藥物研 討會暨中草藥生物科技研討會 , 中國醫藥 學院互助大樓1A01教室。 P61 , 2001.07/13 ~ 2002.07/13
 28. The molecular mechanisms of ginsenoside G115 on balloon injury-induced neointimal formation , Proceedings of international symposium on plant biodiversity and Technology , Taiwan ROC , 2001.04/5 ~ 2001.04/6
 29. 廣東山葡萄粗提取物之藥理學研究 , 第十七屆國醫節中醫學術研討會 , 中國醫藥學院附設醫院立夫醫療大樓二十一樓國際會議廳。 P10 , 2000.03/26 ~ 2000.03/26
 30. The pharmacological studies of antiinflammation of Hauiju-Shanzha Yin. , The Fifteenth Joint Annual Conference of Biomedical Science , 國立陽明大學 , 台北 , 2000.03/25 ~ 2000.03/26
 31. The pharmacological studies of anti- inflammation of Hauiju-Shanzha Yin , The Fifteenth Joint Annual Conference of Biomedical Sciences , Taiwan ROC , 2000.03/17 ~ 2000.03/18