

Shu-Hui Su, Associate Professor (蘇淑惠副教授)

Department of Molecular Biology and Human Genetics,
College of Life Science, Tzu-Chi University

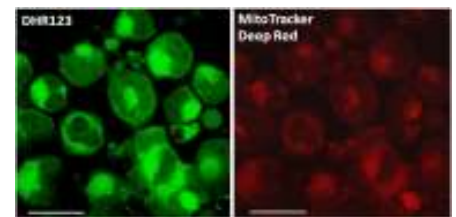
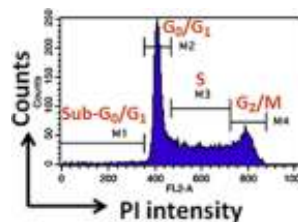
Tel: 886-3-8565301 ext 2013
E-mail: shsuapril@mail.tcu.edu.tw

Special techniques:

General immunological techniques, Fluorescent staining, Flowcytometry & Microscopy

Research Interests:

- * Molecular regulation of cell apoptosis
- * Tumor-targeted toxin
- * Anti-cancer modulation
- * Mitochondria



Publication :

Journal Papers:

1. Su SH, Chen HI, and Jen CJ*. (2001 Jan) Severe exercise enhances phagocytosis by murine bronchoalveolar macrophages. *J. Leukoc. Biol.* 69: 75-80. (SCI; Impact Factor 4.57)
2. Su SH, Chen HI, and Jen CJ*. (2001 Nov) C57BL/6 and BALB/c bronchoalveolar macrophages respond differently to exercise. *J. Immunol.* 167: 5084-5091. (SCI; Impact Factor 6.29)
3. Su SH, Su SJ, Lin SR, and Chang KL*. (2003 Nov) Cardiotoxin-III selectively enhances activation-induced apoptosis of human CD8+ T lymphocytes. *Toxicol. Appl. Pharmacol.* 193:97-105. (SCI; Impact Factor 4.72)
4. Su SH, Chen HI, and Jen CJ*. (2005 Dec) Exercise enhances surfactant-mediated phagocytosis in bronchoalveolar macrophages. *Chin. J. Physiol.* 48: 210-6. (SCI; Impact Factor 0.7)
5. Lee YS, Chen PW, Tsai PJ, Su SH, and Liao PC*. (2006 Apr) Proteomics analysis revealed changes in rat bronchoalveolar lavage fluid proteins associated with oil mist exposure. *Proteomics* 6: 2236-2250. (SCI; Impact Factor 5.74)
6. Su SH*, Jen CJ, and Chen HI. (2011 Jan) NO signaling in exercise training-induced anti-apoptotic effects in human neutrophils. *Biochemical and Biophysical Research Communications* 405:58-63.
7. Su SH, Shyu HW, Yeh YT, Chen KM, Yeh H, Su SJ*. (2013 May) Caffeine inhibits adipogenic differentiation of primary adipose-derived stem cells and bone marrow stromal cells. *Toxicology In Vitro* 27(6):1830-1837. (SCI; Impact Factor 3.207)
8. Su SJ*, Chang KL, Su SH, Yeh YT, Shyu HW, Chen KM. (2013 Jun) Caffeine regulates osteogenic differentiation and mineralization of primary adipose-derived stem cells and a bone marrow stromal cell line. *International Journal of Food Sciences and Nutrition* 64(4):429-36. (SCI; Impact Factor 1.202)

9. Su SJ*, Yeh YT, Su SH, Chang KL, Shyu HW, Chen KM, Yeh, H. (2013 Jun) Biochanin a promotes osteogenic but inhibits adipogenic differentiation: evidence with primary adipose-derived stem cells. *Evidence-based Complementary and Alternative Medicine* vol. 2013, Article ID 846039. (SCI; Impact Factor 2.175)
 10. Chao TH, Chang MY, Su SJ, Su SH*. (2014 Sep) Inducible nitric oxide synthase mediates MG132 lethality in leukemic cells through mitochondrial depolarization. *Free Radical Biology and Medicine* 74:175-187. (SCI; Impact Factor 5.71)
 11. Yeh YT, Yeh H, Su SH, Lin JS, Lee KJ, Shyu HW, Zi-Feng Chen ZF, Huang SY, Su SJ*. (2014 Sep) Phenethyl isothiocyanate induced DNA damage-associated G₂/M arrest and subsequent apoptosis in oral cancer cells with varying p53 mutations. *Free Radical Biology and Medicine* 74:1-13. (SCI; Impact Factor 5.71)
- * Corresponding author

Conference Papers:

1. Chang KL, Su SH, Lin SR, Chang LS, and Chang CC. (1993) 10th Federation of Asian and Oceanian Biochemists Symposium on protein research, PV-2.
2. Chang KL, Su SH, Chang LS, and Chang CC. (1994) The Ninth Joint Annual Conference of Biomedical Sciences, Abstract 243.
3. Su SH, Chang KL, Lin SR, and Chang CC. (1995) The Tenth Joint Annual Conference of Biomedical Sciences, Abstract 316.
4. Su SH, Chen HI, and Jen CJ. (Jan. 2000) Taiwan-Hong Kong Physiology Symposium, P27.
5. Su SH, Chen HI, and Jen CJ. (Nov. 2000) Taiwan-Hong Kong Physiology Symposium, P29.
6. Su SH, Chen HI, and Jen CJ. (2000) Eighth Symposium on Recent Advances in Cellular and Molecular Biology, P-79.
7. Su SH, Chen HI, and Jen CJ. (2001) The Sixteenth Joint Annual Conference of Biomedical Sciences, S34.
8. Su SH, Su SJ, Lin SR, and Chang KL. (2003) The Eighteenth Joint Annual Conference of Biomedical Sciences, P392.
9. Su SH. The study in the apoptosis control of neutrophils by endogenous nitric oxide. 慈濟大學 97 年度學術研討會 2008-05-16.
10. Su SH. Protective Roles of Chinese Herbs in TNF/DV-NS1 Antibodies-mediated Damages of Endothelial Cells. 慈濟大學 99 年度學術研討會 2010-05-19.
11. Lin JL and Su SH. Regulation of redox state in human microvascular endothelial cells by proinflammatory cytokines and herbal extracts. The 26th Joint Annual Conference of Biomedical Sciences.
12. Lin JL and Su SH. Protective roles of Chinese herbs in TNF/DV-NS1 antibodies-mediated damages of endothelial cells. 慈濟大學 100 年度學術研討會 2011-05-10.
13. Su SH and Lin TC. Protective roles of Chinese herbs in proinflammatory cytokines-induced endothelial apoptosis. 慈濟大學 101 年度學術研討會 2012-05-07

Books:

化粧品衛生管理法規 (蘇淑惠等合著) 民國九十五年 華格那出版有限公司