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**Education:**

1984-1988, Department of Medical Laboratory Science, Kaohsiung Medical College, Bachelor

1988-1990, Graduate Institute of Medicine, Kaohsiung Medical University, Master.

1992-2001, Graduate Institute of Medicine, Kaohsiung Medical University, Ph.D.

**Research and Professional Positions Held in Chronological Sequence:**

1990-2003, lecturer, Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University

2003- now, Assistant Professor, Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University

### **Teaching Courses:**

Hematology, Hematology Laboratory, Clinical Hematology practice

### **Publications :**

Hu Y.C., Hsieh B.S., Cheng H.L., Huang L.W., Huang T.C., Huang I Y., Chang K.L.

(2013) Osteoblasts survive the arsenic trioxide treatment by activation of ATM-mediated pathway. *Biochemical Pharmacology* 85:1018-1026 (SCI: impact factor: 4.650; Journal Rank in Categories: Pharmacology & Pharmacy 25/256=9.8 %)

Chang K.L., Hu Y.C., Hsieh B.S., Cheng H.L., Hsu H.W., **Huang L.W.**, Su S.J. (2013)

Combined effect of soy isoflavones and vitamin D3 on bone loss in ovariectomized rats. *Nutrition* 29:250-257 (SCI: impact factor: 3.046; Journal Rank in Categories: Nutrition & Dietetics 25/79=31.6 %)

Hu Y.C., Cheng H.L., Hsieh B.S., **Huang L.W.**, Huang T.C., Chang K.L. (2012)

Arsenic trioxide affects bone remodeling by effects on osteoblast differentiation and function. *Bone* 50:1406-1415 (SCI: impact factor: 4.461; Journal Rank in Categories: Endocrinology & Metabolism 26/124=21.0 %)

**Huang LW** , Hsieh BS , Cheng HL , Yu-Chen Hu YC , Chang WT , Chang KL.

Arecoline Decreases Interleukin-6 Production and Induces Apoptosis and Cell Cycle Arrest in Human Basal Cell Carcinoma Cells. *Toxicology and Applied Pharmacology* 2012;258:199-207 (SCI: impact factor: 3.630; Journal Rank in Categories: Toxicology 16/87=18.4 %)

Hung TC, **Huang LW**, Su SJ, Hsieh BS, Cheng HL, Hu YC, Chen YH, Hwang

CC, \*Chang KL. Hemeoxygenase-1 expression in response to arecoline-induced oxidative stress in human umbilical vein endothelial cells. *International Journal of Cardiology* 2011; 151:187-194. (SCI: impact factor: 6.175; Journal Rank in Categories: Cardiac & Cardiovascular system 11/125=8.8 %)

Hsieh BS, **Huang LW**, Su SJ, Cheng HL, Hu YC, Hung TC, \*Chang KL. Combined

arginine and ascorbic acid treatment induces apoptosis in the hepatoma cell line HA22T/VGH and changes in redox status involving the pentose phosphate pathway and reactive oxygen and nitrogen species. *Journal of Nutritional Biochemistry* 2011; 22:234-241. (SCI: impact factor: 4.592; Journal Rank in Categories: Nutrition & Dietetics 9/79=11.4 %)

Cheng HL, Su SJ, **Huang LW**, Hsieh BS, Hu YC, Hung TC, \*Chang KL. Arecoline induces HA22T/VGH hepatoma cells to undergo anoikis - involvement of STAT3 and RhoA activation. *Molecular Cancer* 2010; 9:126. (SCI: impact factor: 5.397.; Journal Rank in Categories: Oncology 29/203=14.3 %)

Chang KL, Cheng HL, **Huang LW**, Hsieh BS, Hu YC, Chih TT, Shyu HW, \*Su SJ. Combined effects of terazosin and genistein on a metastatic hormone-independent human prostate cancer cell line. *Cancer Letters* 2009; 276:14-20. (SCI: impact factor: 5.016; Journal Rank in Categories: Oncology 33/203=16.3 %)

S-J Su, **LW Huang**, L-S Pai, H-W Liu, K-L Chang : Homocysteine at pathophysiologic concentrations activates human monocyte and induces cytokine expression and inhibits macrophage migration inhibitory factor expression. *Nutrition* 2005;21:994-1002 (SCI IF : 1.958 ; Ranking : 11/53)