CURRICULUM VITAE

PERSONAL DATA

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EDUCATION

Duration	Institution & Location	Degree	Major Subject
1997-2004	National Taiwan University College of Medicine, Graduate Institute of Pathology	PhD	Pathology
1994-1996	National Yang-Ming University, Institute of Parasitology	MS	Parasitology

SPECIALTIES & RESEARCH INTERESTS

1. Pathology
2. Parasitology
3. Molecular Biology

PUBLICATIONS

Journals

1. Liu S. H., Lin C. Y., Peng S. Y., Jeng Y. M., Pan H. W., Lai P. L., Liu C. L., and Hsu H. C. (2002). Down-regulation of annexin A10 in hepatocellular carcinoma is associated with vascular invasion, early recurrence, and poor prognosis in synergy with p53 mutation. *Am J Pathol* **160:** 1831-7.
2. Pan HW, Ou YH, Peng SY, Liu SH, Lai PL, Lee PH, Sheu JC, Chen CL and Hsu HC. Overexpression of osteopontin is associated with intrahepatic metastasis, early recurrence, and poorer prognosis of surgically resected hepatocellular carcinoma. Cancer 2003, 98:119-127
3. Peng SY, Ou YH, Chen WJ, Li HY, Liu SH, Pan HW, Lai PL, Jeng YM, Chen DC and Hsu HC. Aberrant expressions of annexin A10 short isoform, osteopontin and alpha-fetoprotein at chromosome 4q cooperatively contribute to progression and poor prognosis of hepatocellular carcinoma. Int J Oncol. 2005 Apr;26(4):1053-61.

4. Pan HW, Chou HY, Liu SH, Peng SY, Liu CL and Hsu HC. Role of L2DTL, cell cycle-regulated nuclear and centrosome protein, in aggressive hepatocellular carcinoma. Cell Cycle. 2006 Nov: 5(22):2676-87.
5. Pan HW, Chou HY, Shu-Hsiang Liu, Peng SY, Liu CL, Hsu HCRole of L2DTL, cell cycle-regulated nuclear and centrosome protein, in aggressive hepatocellular carcinoma. Cell Cycle. 2006 ;5(22):2676-87.(SCI)
6. SY Lin, HW Pan, Shu-Hsiang Liu, YM Jeng, FC Hu, SY Peng, PL Lai, HC Hsu: ASPM is a novel marker for vascular invasion, early recurrence, and poor prognosis of hepatocellular carcinoma. Clin Cancer Res. 2008;14(15):4814-20. (SCI)
7. Chie-Pein Chen, Shu-Hsiang Liu, Ming-Yi Lee, and Yi-Yuan Chen: Heparan sulfate proteoglycans in the basement membranes of the human placenta and decidua. Placenta 2008; 29: 309-316.(SCI)
8. Chie-Pein Chen, Ming-Yi Lee, Jian-Pei Huang, John D. Aplin, Yi-Hsin Wu, Cing-Siang Hu, Pei-Chun Chen, Hung Li, Shiaw-Min Hwang, Shu-Hsiang Liu, and Yuh-Cheng Yang: Trafficking of multipotent mesenchymal stromal cells from maternal circulation through the placenta involves VEGFR-1 and integrins. STEM CELLS 2008; 26: 550–561. (SCI)
9. Chie-Pein Chen, Shu-Hsiang Liu, Jian-Pei Huang, John D. Aplin, Yi-Hsin Wu, Pei-Chun Chen, Cing-Siang Hu, Chun-Chuan Ko, Ming-Yi Lee, Chia-Yu Chen: Engraftment potential of human placenta-derived mesenchymal stem cells after in utero transplantation in rats. Hum Reprod. 2009 ;24(1):154-65. (SCI)
10. Shu-Hsiang Liu, JP Huang, RK Lee, MC Huang, YH Wu, CY Chen, Chie-Pein Chen: Paracrine factors from human placental multipotent mesenchymal stromal cells protects endothelium from oxidative injury via STAT3 and Manganese superoxide dismutase activation. Biol Reprod. 2010; 82(5): 905-13. (SCI)
11. Yeh TM*, **Liu SH***, Lin KC, Kuo C, Kuo SY, Huang TY, Yen YR, Wen RK, Chen LC, Fu TF. Dengue Virus Enhances Thrombomodulin and ICAM-1 Expression through the Macrophage Migration Inhibitory Factor Induction of the MAPK and PI3K Signaling Pathways. PLoS One 2013 8(1): e55018. (*These authors contributed equally to this work.) (SCI)
12. Chen CY, **Liu SH**, Chen CY, Chen PC, Chen CP. Human Placenta-Derived Multipotent Mesenchymal Stromal Cells Involved in Placental Angiogenesis via the PDGF-BB and STAT3 Pathways. Biol Reprod. 2015 93(4):103,1-10 (SCI)
13. Cheng W, **Liu SH**, Hwu WL, Lee YM. Roles of Glypican-3 through IGF axis and Wnt in Hepatocellular Carcinomas. Cancer Research Frontiers. 2017; 3(1): 144-156.

Conference

1.Chen LC, Fu TF, **Liu SH**. Pro-inflammatory Cytokines production in patients with enterovirus 71-associated brainstem encephalitis, The 31st World Congress of Biomedical Laboratory Science, Taipei, Taiwan, Oct. 2014.

2. Huang CW, Lin KC, Wang SH, Huo C, Fu TF, Chen LC, **Liu SH**. Lactoferrin and Tripterine inhibit the expression of adhesion molecules in activated endothelial cells. Annual Meeting of Chemical Society Located in Taipei. Nov. 2013.