CV Form

Name(中/英文)	徐志文/Chih-Wen Shu	
Affiliation(s)(中/英文)	中山大學生技醫藥所/Institute of Biopharmaceutical Sciences, National Sun Yat-sen University	
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個人簡歷 (No more than an A4 size paper)

Education/Training:

1. Ph.D., Department of Life Science, National Tsing Hua University, Taiwan.
2. Visiting Researcher -Division of Biological Science/Moores Cancer Center, University of California, San Diego, USA.
3. Postdoctoral fellow, HTS Screening Center,Sanford Burnham Medical Institute, CA, USA

Professional and Research Experience:

1. Professor, Institute of BioPharmaceutical Sciences, NSYSU, Taiwan
2. Associate professor, Institute of BioPharmaceutical Sciences, NSYSU, Taiwan
3. Research fellow, Kaohsiung Veterans General Hospital, Taiwan

Awards and Honors:

1. Excellent Research Award, National Sun Yat-sen University, Taiwan
2. New Faculty Award, National Sun Yat-sen University, Taiwan
3. Outstanding Paper Award, Kaohsiung Veterans General Hospital, Taiwan
4. Postdoctoral Fellowship Award, The SASS Foundation for Medical Research, NY, USA.

Selected Publications:

1.Tseng YC, Liu PF, Chen YR, Yang WH, Chang CC, Chang HW, Lee CH, Goan YG, **Shu CW#**. Elevated neuregulin‑1 expression modulates tumor malignancy and autophagy in esophageal squamous cell carcinoma. Int J Mol Med. 2025 Apr;55(4):62.

2.KC Chang, PF Liu, CH Chang, YC Lin, YJ Chen, **Shu CW#**. The interplay of autophagy and oxidative stress in the pathogenesis and therapy of retinal degenerative diseases. Cell and Bioscience 2022 Jan 3;12(1):1.

3.Tang JY, Ou-Yang F, Hou MF, Huang HW, Wang HR, Li KT, Fayyaz S, **Shu CW#**, Chang HW#, Oxidative stress-modulating drugs have preferential anticancer effects - involving the regulation of apoptosis, DNA damage, endoplasmic reticulum stress, autophagy, metabolism, and migration, Seminars in Cancer Biology, 2019 Oct:58:109-117.

4.Liu PF; Tsai KL; Hsu CJ; Tsai WL; Cheng JS; Chang HW; Shiau CW; Goan YG; Tseng HH; Wu CH; Reed JC; Yang LW; **Shu CW#**, "Drug Repurposing Screening Identifies tioconazole as an ATG4 Inhibitor that Suppresses Autophagy and Sensitizes Cancer Cells to Chemotherapy., Theranostics, 2018 Jan 1;8(3):830-845.

5.Liu PF, Leung CM, Chang YS, Cheng JS, Chen JJ, Weng CJ, Tsai KW, Hsu CJ, Liu YC, Hsu PC, Pan HW, **Shu CW#**, ATG4B promotes colorectal cancer growth independent of autophagic flux., Autophagy, 2014 Aug;10(8):1454-65.

6.**Shu CW**, Drag M, Bekes M, Zhai D, Salvesen GS, Reed JC. Synthetic substrates for measuring activity of autophagy proteases: autophagins (Atg4). Autophagy. 2010 Oct;6(7):936-47.