

劉宗榮

Tsung-Yun Liu, Ph.D.



現職： 國立陽明交通大學食品安全及健康風險
評估研究所榮譽教授

學歷

美國愛荷華大學預防醫學 (主修毒理學) 博士 (1978/09 至 1982/05)
美國愛荷華大學預防醫學碩士 (1976/09 至 1978/05)
輔仁大學生物系學士 (1969/09 至 1973/06)

經歷

國立陽明交通大學食品安全及健康風險評估研究所榮譽教授 (2/2020 迄今)
台北榮民總醫院醫學研究部特約研究員 (8/2006 迄今)
國立陽明交通大學食品安全及健康風險評估研究所教授 (8/2017 至 2/2020)
國立陽明交通大學環境與職業衛生研究所教授 (8/2006 至 7/2017)
台北榮民總醫院實驗外科主任 (9/2001 至 9/2005)
台北榮民總醫院醫學研究部研究員(5/1991 至 7/2006)
台北榮民總醫院醫學研究部副研究員 (1/1985 至 4/1991)
行政院衛生署環境保護局簡任技正 (8/1984 至 1/1985)
國立成功大學醫學院工業衛生學科暨環境醫學研究所助理教授 (1998 至 2003)
美國愛荷華大學癌症中心博士後研究 (07/1982 至 07/1984)

研究成果

1. H-Hsing Tsou, H-C Tsai, C-T Chu , H-W Cheng , C- Liu ,C-H Lee , **T-Y Liu** and H-T Wang..
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substitution problems and consequences in Taiwan using molecular barcoding and deep
microbiome. **Scientific Reports 10:21997 (2020)**
3. J-H Liua, T-W Wang,Y-Y Lin, W-C Hog, H-C Tsaih, S-P Chen, Anya M-Y Ling, **T-Y Liu**, H-T
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spermidine/spermine-N1-acetyltransferase activation. **Experimental Neurology**
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4. H-H Tsou, C-H Hu, J-H Liu, C-J Liu, C-H Lee, **T-Y Liu**, and H-T Wang. Acrolein Is Involved in
the Synergistic Potential of Cigarette Smoking– and Betel Quid Chewing–Related Human
Oral Cancer. **Cancer Epidemiol Biomarkers Prev; 28:954 (2019)**
5. T-W Wang, J-H Liu, H-H Tsou, **T-Y Liu**, and Hs-T Wang. Identification of acrolein
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fried food. **Food Sci Nutr.1–9.(2019)**
6. C-L Weng, C-C Chen, H-H Tsou, **T-Y Liu** and H-T Wang. Areca nut procyanidins prevent
ultraviolet light B-induced photoaging via suppression of cyclooxygenase-2 and matrix
metalloproteinases in mouse skin. **DRUG AND CHEMICAL TOXICOLOGY**
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7. T-Y Laio, C-C Chen, H-H Tsou, **T-Y Liu** and H-T Wang. Acute and Chronic Exposure of

- Toluene Induces Genotoxicity in Different Regions of the Brain in Normal and Allergic Mouse Models. **Neurotoxicity Research 36:669 (2019)**
8. H-H Tsou, Hs-T Ko, C-T Chen, T-W Wang, C-H Lee, **T-Y Liu**, H-T Wang. Betel quid containing safrole enhances metabolic activation of tobacco specific 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK). **Environmental Pollution 251:13 (2019)**
 9. H-H Tsou, W-C Hsu, J-L Fuh, S-P Chen, **T-Y Liu**, and H-T Wang. Alterations in acrolein metabolism contribute to Alzheimer's disease. **J. Alzheimer's Dis 61:571 (2018)**
 10. W-S Liu, Y-T Lai, H-L Chan, S-Y Li, C-C Lin, C-K Liu, H-H Tsou and **T-Y Liu**. Associations between perfluorinated chemicals and serum biochemical markers and performance status in uremic patients under hemodialysis. **PLOS ONE**
<https://doi.org/10.1371/journal.pone.0200271> (2018)