


## 教師簡介

<p style="text-align: center;">照片</p> 	<p>教 師 姓 名</p>	<p>湯曉君</p>
	<p>職 稱</p>	<p>助理教授</p>
	<p>學 歷</p>	<p>中山醫學大學醫學研究所博士</p>
	<p>經 歷</p>	<p>台中科技大學護理系助理教授            慈濟大學生化所兼任助理教授            東海大學運動保健學系兼任助理教授            中研院生醫所博士後研究員            長庚醫學中心臨床營養師            教育部數位課程學習平台-育網            Ewant-磨課師 MOOCs 開課教師            「營養科學」、「醫護營養」            經濟部保健食品工程師/台中衛生局糖尿病共照網營養師/團膳            飲食 HACCP 認證合格</p>
	<p>學 術 專 長</p>	<p>生物化學、營養代謝、高齡膳食、            基因毒理學、基因表觀遺傳機制            應用、傷口癒合機制</p>
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## ※論文期刊

1. **Tang Sheau-Chung**, Jen-Hung Yang\* (2019) Glycolic acid Attenuates the UVB-induced Aquaporin-3, Matrix Metallo Proteinase-9 Expression and Collagen Degradation in Keratinocytes and Mice skin. *Biochemical Journal* 476 (10): 1387–1400. (SCI. IF=4.331. *Biochemistry & Molecular Biology Category*, Ranking: # 73/298) (本人為第一作者)
2. Tsung-Jen Lin, **Sheau-Chung Tang**, Pei-Yun Liao, Rachmad Anres Dongoran, Jen-Hung Yang, Chin-Hung Liu\*(2019) A comparison of L-carnitine and several cardiovascular-related Biomarkers between healthy vegetarians and omnivores. *Nutrition* 66, 29-37 (SCI. IF=3.591. *Nutrition and Dietetics-SCIE*, Ranking: # 27/87, Q2) (本人為第二作者)
3. **Tang Sheau-Chung**, Jen-Hung Yang\* (2018) Dual Effects of Alpha-Hydroxy Acids on the Skin. *Molecules* 10;23(4) (SCI. Review article. IF=3.1. *CHEMISTRY, ORGANIC*, Ranking: # 17/59) (本人為第一作者)
4. **Tang Sheau-Chung**, Pei-Yun Liao, Sung-Jen Hung, Jheng-Siang Ge, Shiou-mei Chen, Ji-Ching Lai, Yu-Ping Hsiao, Jen-Hung Yang\* (2017) Topical application of Glycolic acid suppresses the UVB induced IL-6, IL-8, MCP-1 and COX-2 inflammation by modulating NF- $\kappa$ B signaling pathway in keratinocytes and mice skin. *Journal of Dermatological Science* 86:238–248 (SCI. IF=3.739. *DERMATOLOGY*, Ranking: # 7/61) (本人為第一作者)
5. **Tang Sheau-Chung**, Sung-Jen Hung, Pei-Yun Liao, Jheng-Siang Ge, Yu-Ping Hsiao, Jen-Hung Yang\* (2017). Photoprotective potential of glycolic acid by reducing NLRC4 and AIM2 inflammasome complex genes in UVB radiation-induced normal human epidermal keratinocytes and mice. *DNA and Cell Biology* 36(2): 177-187 (SCI, IF =2.574. *GENETICS & HEREDITY*, Ranking: # 80/165) (本人為第一作者)
6. **Tang Sheau-Chung**, Yeh Jih-I, Hung Sung-Jen, Hsiao Yu-Ping, Liu Fu-Tong, and Yang Jen-Hung\*. (2016). Glycolic acid silences inflammasome complex genes- NLRC4 and ASC by inducing DNA methylation in HaCaT cells. *DNA and Cell Biology* 35(3): 124-134 (SCI. IF =2.574. *GENETICS & HEREDITY*, Ranking: # 80/165) (本人為第一作者)
7. Bing-Yen Wang, **Sheau-Chung Tang**, Sung-Yu Wu, Chien-Hung Lai, Chu-Chyn Ou, Ming-Fang Wu, Yi-Min Hsiao, Jiunn-Liang Ko\* (2015). Benzo[a]pyrene-induced cell cycle progression occurs via ERK-induced CHK1 pathway activation in human lung cancer cells. *Mutation Research /Fundamental and Molecular Mechanisms of Mutagenesis* 77,1-8 (SCI. IF: 4.4. *TOXICOLOGY*, Ranking: # 11/87)(並列第一作者).
8. Hsiao YP, Lai WW, Wu SB, Tsai CH, **Tang SC**, Chung JG, Yang JH\*. (2015) Triggering apoptotic

death of human epidermal keratinocytes by malic acid: involvement of endoplasmic reticulum stress- and mitochondria-dependent signaling pathways. *Toxins* 7, 81-96 (SCI. IF: 3.571; *TOXICOLOGY*, Ranking 28/87= 32.2 %)

9. Chung-Ping Hsu, Li-Wen Lee, **Sheau-Chung Tang**, I-Lun Hsin, Yu-Wen Lin, Jiunn-Liang Ko\* (2015). Epidermal Growth Factor activates telomerase activity by direct binding of Ets-2 to hTERT promoter in lung cancer cells. *Tumor Biology* 36, (7) 5389-5398 (SCI. IF: 3.611; *ONCOLOGY*, Ranking 68/211= 32.2 %)
10. **Sheau-Chung Tang**, Chih-Hsien Wu, Chien-Hung Lai, Lee-Chun Tang, Chung-Ping Hsu\*, Jiunn-Liang Ko\*(2013). Glutathione S-transferase Mu2 suppresses cancer cell metastasis in non-small cell lung cancer. *Molecular Cancer Research* 11(5) 518 (SCI. IF: 4.380 *ONCOLOGY*, Ranking: # 44/211).(本人為第一作者)
11. I-Lun Hsin, Yueh-Chieh Hsiao, Ming-Fang Wu, Ming-Shiou Jan, **Sheau-Chung Tang**, Yu-Wen Lin, Chung-Ping Hsu, Jiunn-Liang Ko\*(2012). Lipocalin 2, a new GADD153 target gene, as an apoptosis inducer of endoplasmic reticulum stress in lung cancer cells. *Toxicology and Applied Pharmacology* 263(3) 330-337 (SCI. IF: 3.705 *TOXICOLOGY*, Ranking: # 13/87).
12. Chih-Hsien Wu, **Sheau-Chung Tang**, Po-Hui Wang, Huei Lee and Jiunn-Liang Ko\*(2012). Nickel-induced epithelial-mesenchymal transition by reactive oxygen species generation and E-cadherin promoter hypermethylation. *Journal of Biological Chemistry* 287(30)25292-25302 (SCI. IF: 4.573 *BIOCHEMISTRY & MOLECULAR BIOLOGY*, Ranking: # 61/289).
13. **Sheau-Chung Tang**; Wu, Ming-Fang; Ruey-Hong Wong; Yu-Fan, Liu; Lee-Chun Tang; Chien-Hung Lai; Chung-Ping Hsu\*; and Jiunn-Liang Ko\*. (2010). Epigenetic mechanisms for silence of Glutathione S-transferase M2 expression by hypermethylated Sp1 binding in lung cancer. *Cancer* 117(14)3209-3221(SCI. IF: 4.889 *ONCOLOGY*, Ranking: # 32/211). (本人為第一作者)
14. **Tang, S. C.** Sheu, G. T. Wong, R. H. Huang, C. Y. Weng, M. W. Lee, L. W. Hsu, C. P. Jiunn-Liang Ko\*. (2009) Expression of Glutathione S-transferase M2 in stage I/II non-small cell lung cancer and alleviation of DNA damage exposure to benzo[a]pyrene. *Toxicology letters* 192(3)316-323 (SCI. IF: 3.262 *TOXICOLOGY*, Ranking: # 21/87) (本人為第一作者)
15. Yi-Min Hsiao, Yu-Lu Huang, **Sheau-Chung Tang**, Gow-Jen Shieh, Jing-Ying Lai, Po-Hui Wang, Tsung-Ho Ying, Jiunn-Liang Ko\*.(2008) Effect of a fungal immunomodulatory protein from *Ganoderma tsugae* on cell cycle and interferon-gamma production through phosphatidylinositol 3-kinase signal pathway. *Process Biochemistry* 43:423-430. (SCI. IF: 2.516 *ENGINEERING, CHEMICAL*, Ranking: # 29/134).
16. Lee JM, Liu TY, Wu DC, **Tang HC**, Leh J, Wu MT, Hsu HH, Huang PM, Chen JS, Lee CJ, Lee YC. (2005) Safrole-DNA adducts in tissues from esophageal cancer patients: clues to areca-related esophageal carcinogenesis. *Mutation Research/Genetic Toxicology and Environmental Mutagenesis*.

3;565(2):121-8. (SCI. Impact factor: 2.938, TOXICOLOGY, Ranking: #26/83)

17. Po-Hui Wang, Chyong-Ing Hsu, **Sheau-Chung Tang**, Yu-Lu Huang, Jung-Yaw Lin and Jiunn-Liang Ko\*. (2004) FIP-fve induces IFN-r production through p38 MAP kinase signaling pathway. *Journal of Agricultural and Food Chemistry*: 52, 2721-2725. (SCI. Impact factor: 2.816, AGRICULTURE, MULTIDISCIPLINARY, Ranking: #2/55)

## ※研討會論文

1. **Tang Sheau-Chung**, Jen-Hung Yang\* (2018) The 7th Asian Congress of Dietetics (ACD)” Soybean isoflavone -Genistein correlation of skin hydration, elastin degree between omnivorous and vegetarian” 香港理工大學第七屆亞洲國際膳食營養大會英文口頭報告.2018.07.6-8.(Oral presentation)
2. **Tang Sheau-Chung**, Jen-Hung Yang\*(2018) TSID 13th Annual Meeting 臺灣研究皮膚科醫學會第13屆年會，AHAs reduces UVB-stimulated Aquaporin-3, Matrix Metalloproteinase-1,2,9 Expression in Keratinocytes and Mouse Skin 台北國際會議中心. (First author, poster).
3. **Sheau-Chung Tang**, Pei-Yun Liao, Yu-Chen, Lin, Jen-Hung Yang\* (2018) The 33th Joint Annual Conference of Biomedical Science-2018.03.24~25, Taipei Taiwan. Glycolic acid Attenuates the UVB-induced Aquaporin-3, Matrix Metallo Proteinase-9 Expression and Collagen Degradation in Keratinocytes and Mice skin. (First author, poster)
4. **Sheau-Chung Tang**, Pei-Yun Liao, Yu-Chen, Lin, Jen-Hung Yang\* (2018) The 33th Joint Annual Conference of Biomedical Science-2018.03.24~25, Taipei Taiwan. Topical application of AHAs suppresses the inflammasome and proinflammation cytokine by modulating NF- B signaling pathway in UVB-irradiated keratinocytes and mice skin. (First author, poster)
5. **Tang Sheau-Chung**, Jen-Hung Yang\*(2017) TSID 12th Annual Meeting 臺灣研究皮膚科醫學會第12屆年會，Topical application of glycolic acid suppresses the UVB induced IL-6, IL-8, MCP-1 and COX-2 inflammation by modulating NF- B signaling pathway in keratinocytes and mice skin.台北國際會議中心. (First author, poster).
6. **Tang Sheau-Chung**, Pei-Yun Liao, Jen-Hung Yang\* (2017) 4th East Asian Dermatological Surgery (EADS)第五屆臺灣皮膚科美容醫學學術研討會暨 2017 年臺灣皮膚科醫學會春季學術研討會/第四屆東亞皮膚外科研討會，高雄展覽館，(poster)
7. **Tang Sheau-Chung**, Pei-Yun Liao, Jen-Hung Yang\* (2017) The 32th Joint Annual Conference of Biomedical Science-2016.03.25~26, Taipei Taiwan. 第32屆生物醫學聯合學術年會. Photoprotective potential of glycolic acid by reducing NLRC4 and AIM2 inflammasome complex genes in UVB radiation-induced normal human epidermal keratinocytes and mice. (First author, poster)
8. **Tang Sheau-Chung**, Pei-Yun Liao, Jen-Hung Yang\* (2016) TDA-ASPCR. 42nd Annual Meeting of the

TDA & 8th Annual Meeting of ASPCR 臺灣皮膚科學會第 42 屆年會暨第 8 屆亞洲色素細胞會議 /2016/11/12-13，高雄展覽館，(poster)

9. **Tang Sheau-Chung**, Pei-Yun Liao, Jen-Hung Yang\* (2016) 11th Annual Meeting of Asia-Pacific Society for Molecular Immunohistology (APSMI) and the 3rd Meeting of Asian-Australasian Pulmonary Pathology Society (AAPPS) 11 屆亞太分子免疫組織學會年會暨第三次亞澳肺臟病理學會會議，台北，張榮發國際會議中心，2016/12/9-11，(Oral Presentation)
10. **Sheau-Chung Tang**, Jih-I Yeh, Sung-Jen Hung, Yu-Ping Hsiao, Fu-Tong Liu, Jen-Hung Yang (2016) The 31th Joint Annual Conference of Biomedical Science-2016.03.26~27, Taipei Taiwan. 第 31 屆生物醫學聯合學術年會. Glycolic acid silences inflammasome complex genes- NLRC4 and ASC by inducing DNA methylation in HaCaT cells. (poster)
11. **Sheau-Chung Tang**, Sung-Jen Hung, Fu-Tong Liu, Jen-Hung Yang (2014) NHRI/IBMS Joint International Conference on Inflammation and Disease-2014.10.16~18, Academia Sinica, Taipei Taiwan. Glycolic acid silenced inflammasome complex genes by inducing DNA methylation via DNMT-3B in HaCaT cells. (Poster)
12. **Sheau-Chung Tang**, Sung-Jen Hung, Fu-Tong Liu, Jen-Hung Yang (2014) 8th Annual Conference of Asia Epigenome Alliance 2ND Taipei Epigenetics and Chromatin meeting 第八屆亞太表觀遺傳年會暨第二屆台北表觀遺傳及染色體研討會. Glycolic acid silenced inflammasome complex genes by inducing DNA methylation in human keratinocyte. (Poster)
13. **Sheau-Chung Tang** (2013) 台灣蛋白體學會年會暨國際轉譯醫學新知研討會.(2013. 5/24) (Poster)
14. **Sheau-Chung Tang** (2013) The 28<sup>th</sup> Joint Annual Conference of Biomedical Sciences. Loss Expression of Glutathione S transferase-Mu2 and connective tissue growth factor confers poor prognosis in non-small cell lung cancer patients. (First author)
15. **Sheau-Chung Tang** .The 27<sup>th</sup> Joint Annual Conference of Biomedical Sciences (2012). Glutathione S-transferase Mu2 suppresses cancer cell metastasis in non-small cell lung cancer. (First author)
16. 第八屆(2012)財團法人台北市林榮耀教授學術教育基金會論文獎張貼海報. (First author)
17. **Sheau-Chung Tang** .The 26<sup>th</sup> Joint Annual Conference of Biomedical Sciences (2011). Epigenetic mechanisms for silencing of Glutathione S-transferase M2 expression by hypermethylated Sp1 binding in lung cancer. (Oral Presentation) **Best paper award**
18. **Sheau-Chung Tang** .The 25<sup>th</sup> Joint Annual Conference of Biomedical Sciences (2010). Expression of Glutathione S-transferase M2 in Stage I/II Non-small Cell lung Cancer and Alleviation of DNA damage exposure to Benzo [a] pyrene. (Oral Presentation) **Best paper award**
19. Millipore 生物學術論壇 Millipore Recent Advances in Stem Cell & Epigenetics ASIA BIOFORUM (Taiwan) (2010) (First author)

※專利

- 1.多功能收納容器(104) M497010 新型專利
- 2.彈性杯環(104) M500524 新型專利
- 3.具夜光功能之矽膠杯環(104) M500522 新型專利
- 4.鑰匙收納盒(104) M501144 新型專利
- 5.多功能防水圍兜 (長照銀髮族)(104) M509545 新型專利
- 6.張口及口腔肌肉訓練裝置(105) M531261 新型專利