


教師簡介

	教 師 姓 名	湯曉君
	職 稱	助理教授
	學 歷	中山醫學大學醫學研究所博士
	經 歷	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 長庚醫院臨床營養師 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) 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
	學 術 專 長	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
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	研 究 室	T406

※論文期刊

1. **Sheau-Chung Tang**, Jiunn-Liang Ko, Chun-Te Lu, Pui-Ying Leong, Chu-Chyn Ou, Chih-Ting Hsu and Yu-Ping Hsiao* (2022). Chloroquine alleviates the heat-induced to injure via autophagy and apoptosis mechanisms in skin cell and mouse models. *PLoS One* 17(8): e0272797 (SCI) (本人為第一作者)
2. **Sheau-Chung Tang**, Yu-Ping Hsiao*, Jiunn-Liang Ko* (2022). Genistein protects against Ultraviolet B- induced wrinkle and photo-inflammation in vitro and in vivo model. *Genes and Nutrition* 17, Article number: 4 (SCI) (本人為第一作者)
3. Yu-Ting Kanga, Chien-Te Li, **Sheau-Chung Tang**, I-Lun Hsina, Yen Chein Lai, Yu-Ping Hsiao, Jiunn-Liang Ko (2021). Nickel chloride regulates ANGPTL4 via the HIF-1 α -mediated TET1 expression in

- lung cells. *Toxicology Letters* 1;352:17- 25 (SCI)
4. Rachmad Anres Dongoran, Tsung-Jen Lin, Akhsholphan Byekyet, **Sheau-Chung Tang**, Jen-Hung Yang and Chin-Hung Liu (2020). Determination of Major Endogenous FAHFAs in Healthy Human Circulation: The Correlations with Several Circulating Cardiovascular-Related Biomarkers and AntiInflammatory Effects on RAW 264.7 Cells. *Biomolecules* 17;10(12):1689 (SCI)
 5. Chiu-Fen Yang, Tsung-Jen Lin, Chin-Hung Liu, Yu-Chih Chen, **Sheau-Chung Tang**, Jen-Hung Yang, Tzu-Ching Meng*, Ching-ng Cheng* (2020). Eating right for a healthier heart: Food choice contributes to cardiometabolic benefits and reduction of carotid intima-media thickness. *Nutrition* 78, 110892 (SCI)
 6. **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*.21;476(10):1387-1400. (SCI. IF=4.331. *BIOLOGY AND BIOCHEMISTRY*, Ranking: # 73/298) (本人為第一作者)
 7. **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)
 8. **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-κB 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)
 9. **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)
 10. **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)
 11. 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).
 12. 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 %)

13. 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 %)
14. **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)
15. 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).
16. 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).
17. **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)
18. **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)
19. 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).
20. 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)

21. 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. **Sheau Chung Tang*** (2022) The mechanisms of keloid scar development inhibition by genistein on human keloid fibroblasts. <https://www.tdmt.org/2022/>. TSID 17th Annual Meeting 11 Nov - 13 Nov, 2022 臺灣研究皮膚科醫學會第 17 屆年會
2. **Sheau Chung Tang*** (2022). Correlation between clinical tumor and cachexia assessment tools . The 48th Annual Meeting of Taiwan Nutrition Society <https://www.nutrition.org.tw/doc/1070> 時間 20220513-0514, 嘉南藥理大學(on line).
3. **Sheau-Chung Tang**, Yu-Ping Hsiao, Jiunn-Liang Ko*(2021). Isoflavon promotes skin water retention and wound healing in cell and animal model. The 47th Annual Meeting of Taiwanese Dermatological Association /19 Nov-21 Nov,2021. <https://www.tdmt.org/2021/AgendaNews/Data.php?AgendaNewsSID=145>,台北 <https://www.tdmt.org/2021/AgendaNews/Data.php?>
4. Lee-Chun Tang, **Sheau-Chung Tang*** (2021, Jun). Assessment tool and monitoring points for cancer cachexia (on line). 台灣營養學會 第 47 屆年會暨 學術研討會(線上研討會發表) <https://www.nutrition.org.tw/doc/0121807e47e0a2e809aced7c881449bd>, 台灣台北
5. Tsung-Jen Lin, **Sheau-Chung Tang**, Pei-Yun Liao, Jen-Hung Yang and Chin-Hung Liu* (2019). The correlation of the fatty acid esters of hydroxyfatty acids (FAHFAs) with cardiovascular-related biomarkers in healthy human. The 92nd Annual Meeting of the Japanese Pharmacological Society (Japan), The Japanese Pharmacological Society. Japan.
6. **Sheau-Chung Tang**, Chung-Wei Yang, Pei-Yun Liao, Chin-Hung Liu, Jen-Hung Yang* (2018). Soybean isoflavone-Genistein correlation of skin hydration, elastin degree in different diet habit population. The 7th Asian Congress of Dietetics (ACD), The Hong Kong Polytechnic University.
7. Tsung-Jen Lin, **Sheau-Chung Tang**, Pei-Yun Liao, Jen-Hung Yang, ChinHung Liu* (2018, Jul). Endogenous L-carnitine levels and their correlation of lipid profiles between vegetarians and omnivores. 18th World Congress of Basic and Clinical Pharmacology, Japan, Tokoyo https://www.micenavi.jp/wcp2018/search/detail_program/id:755.
8. **Sheau Chung Tang*** (2021)。初探 COVID-19 疫情對護理學生實施線上教學以概念圖輔以即時回饋系統之學習成效。教育部 2021 「2021 年臺灣網際網路研討會 (TANET) 暨全國計算機會

議 (NCS)。 <https://tanet2021.thu.edu.tw/> 會議舉辦日期：2021 年 12 月 10-12 日，台灣 台 中。

10. **Sheau Chung Tang***.Tang Lee Chun (2021)。〈探究混成教學 以科技接受模式 (technology acceptance model, TAM) 與自我調控(self-learning concept)理論在護理學生學習影響-以磨課師「醫護營養」為例〉。「教學與研究的雙聲道：2021 靜宜大學教學實踐研究研討會」
<http://activity.pu.edu.tw/actnews/news.php?Sn=284&NSn=681>，台灣 台 中。
11. **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)
12. **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).
13. **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)
14. **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)
15. **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).
16. **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)
17. **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 NLR4 and AIM2 inflammasome complex genes in UVB radiation-induced normal human epidermal keratinocytes and mice. (First author, poster)
18. **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)
19. **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)

20. **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)
21. **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)
22. **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)
23. **Sheau-Chung Tang** (2013) 台灣蛋白質學會年會暨國際轉譯醫學新知研討會.(2013. 5/24) (Poster)
24. **Sheau-Chung Tang** (2013) The 28th 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)
25. **Sheau-Chung Tang** .The 27th Joint Annual Conference of Biomedical Sciences (2012). Glutathione S-transferase Mu2 suppresses cancer cell metastasis in non-small cell lung cancer. (First author)
26. 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)
27. **Sheau-Chung Tang** .The 26th Joint Annual Conference of Biomedical Sciences (2011). Epigenetic mechanisms for silence of Glutathione S-transferase M2 expression by hypermethylated Sp1 binding in lung cancer. (Oral Presentation) **Best paper award**
28. **Sheau-Chung Tang** .The 25th 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**
29. Millipore 生物學術論壇 Millipore Recent Advances in Stem Cell & Epigenetics ASIA BIOFORUM (Taiwan) (2010) (First author)

※計畫

1. 國科會
 - (1) 降解蟹足腫細胞結締纖維蛋白增生之機制探究與金雀異黃酮凝膠之開發(2022)
111-2314-B-025 -001 -計畫主持人
 - (2) 探究金雀異黃酮經甲基化重整傷口癒合之蟹足腫生成基因並發展傷口敷料之應用(2021)
110-2320-B-025 -001 -計畫主持人

(3) 探討金雀異黃酮苷素(genistein)藉由基因表觀遺傳機制調控發炎體形成與影響創傷模式皮膚細胞和動物之研究(2019-2020)108-2314-B-025 -002 -MY2 - 計畫主持人(多年期)

2. 教育部教學實踐計畫

(1)穿針引線拼出我的學習力-導入概念圖教學方法以護理系五專三年級膳食療養課程為例
PMN1100589-執行時間 2021-08-01 ~ 2022-07-31 - 計畫主持人

(2)情境模擬融入問題導向式教學應用於護理學生實施健康飲食教育之學習成效研究
PMN1110077-執行時間 2022-08-01 ~ 2023-07-31 - 計畫主持人

3. 產學計畫-建立中草藥萃取物對皮膚傷口癒合的細胞模式 111 年 07 月 01 日起至 112 年 06 月 31 日止 - 計畫主持人

※著作

1. 2022 營養學: 高立出版社 ISBN 9789863783145(二版)
2. 2021 營養學: 高立出版社 ISBN 9789863783015
3. 2021 靜宜大學教學實踐研究研討會-教學與研究雙聲道-論文集(ISBN978-986-99896-4-0)110 年 09 月以及口頭發表
4. 2021 高齡者基本照護與實作: 外籍照顧服務員 ISBN 9789574391547

※優良事蹟

1. 住宿訪視優良教師(108 學年度)
2. 教學優良導師(109 學年度)
3. 2022 全國開放教育優良課程-**優等獎**(醫護營養課程)網址 [TOCEC](https://tocec.edu.tw/)
4. 2021 全國專題技能醫護類-療若指掌-**第一名**(指導老師:黃天麒、湯曉君)
5. 2022 輔英科技大學社會大學責任 USR 衛教教材製作競賽 APP 組**第三名**
6. 2022 輔英科技大學社會大學責任 USR 衛教教材製作競賽影音組-**佳作**
7. 2022 年優游台中學-體驗營護理系授課老師
8. Google Education level I 認證
9. 磨課師: 醫護營養、營養科學 二門課程教育部開放教育平台高中自主學習課程

※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

※委員與專業服務

1. 弘光科技大學 111 年度「磨課師課程計畫」審查委員、期中審查委員
2. 四技二專衛護類生物科統測命題委員

3. 慈濟大學跨域線上系列課程外審委員 111 年
4. 國防醫學大學生物化學研究所碩士 108 學年度口試委員
5. 台中科技大學遠距教學委員會推廣委員 109-110-111
6. 台中捷運護理師招考命題委員(109 年)
7. 臺灣網際網路研討會(TANET)(2021)研討會論文審查委員
8. 台中科技大學 110, 111 年特色躍升計畫教師成長社群召集人
9. 台中科技大學 111 學年度特色躍升計畫副執行長 111.08.01~112.07.31
10. 台中市衛生局 110 年社區營養師培訓核心課程_完訓
11. 彰化秀傳醫院醫研部院內計畫審查委員 2020 年.2021 年.
12. 2022. JEADV 國外期刊審稿委員
13. 輔英護理學院 USR 高齡衛教教材製作競賽佳作-護理五專三年級二位同學-影片和衛教單張製作
14. 2021 靜宜大學教學實踐研究研討會-教學與研究雙聲道-論文集(ISBN978-986-99896-4-0)110 年.09 月以及口頭發表
15. 2021 年臺灣網際網路研討會暨全國計算機會議"初探 COVID-19 疫情對護理學生實施線上教學以概念圖輔以即時回饋系統之學習成效" 學術研討會海報
16. 2021 皮膚科研討會
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