

癌症及肥胖研究實驗室

➤ 主持人：

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➤ 學歷

醫 師	學 校	系(所)	學 位
蘇裕傑	高雄醫學大學	醫學研究所	碩士
	高雄醫學院	醫學系	學士
醫 師	學 校	系(所)	學 位
陳建翰	慈濟大學	醫學系	學士

➤ 經歷

醫 師	服務機關	職 稱	期 間
蘇裕傑	義大醫院/血液腫瘤科	主任	2022/08~迄今
	義大醫院/癌症中心	主任	2020/01~迄今
	義守大學醫學系	副教授	2020/08~迄今
	高雄市立小港醫院/血液腫瘤科	主治醫師	2019/08~2019/10
	高雄醫學大學附設醫院/血液腫瘤科	主任	2018/08~2019/07
	義守大學醫學院/學士後醫學系外國學 生專班	副教授	2016/09~2018/08
	義大醫院/血液腫瘤科	主任	2016/06~2018/08
	慈濟大學/醫學系	副教授	2014/02 ~ 2016/05
	佛教大林慈濟綜合醫院/腫瘤中心	主任	2008/12 ~ 2016/05
	佛教大林慈濟綜合醫院/血液腫瘤科	醫師	2002/08~2016/05
醫 師	服務機關	職 稱	期 間

陳建翰	義大醫院/國際減重暨糖尿病手術中心	主任	2020/01~迄今
	義大醫院/一般外科	主治醫師	2016/12~迄今
	義大醫院/國際減重暨糖尿病手術中心	副主任	2019/01~2019/12
	義大醫院/國際減重暨糖尿病手術中心	主治醫師	2016/12~2018/12
	大林慈濟醫院/一般外科	主治醫師	2013/10~2016/11

➤ 學術專長

蘇裕傑醫師

1. 癌症分生研究
2. 淋巴癌研究
3. 血液造血幹細胞相關研究

陳建翰醫師

1. 腹腔鏡代謝及減重手術
2. 腹腔鏡肝膽腸胃癌症手術
3. 腹腔鏡疝氣修補術
4. 健保資料庫研究

➤ 研究室簡介

1. 小分子標靶藥物對於淋巴性血癌細胞之作用。
2. 頭頸部癌放射增敏機轉及藥物探討。
3. 腹腔鏡袖狀胃切除手術後減重成效與腸胃道荷爾蒙、免疫功能及脂肪代謝速率之研究。
4. 減重及代謝手術後脂肪細胞代謝、脂肪肝、腸道菌叢與身心疾病影響之相關研究。

➤ 研究室成員 (含協同研究人員、研究助理)

1. 方麗雯 老師
2. 林柏每 老師
3. 李虹儒 研究助理
4. 莊喻莊 研究助理
5. 李威樟 研究助理

➤ 實驗室設備與研究技術

1. 泛用型設備：電磁加熱攪拌器、振盪器、恆溫乾熱器、離心機。
2. 檢體貯存設備：雙門冷藏冷凍冰箱、-80°C冰箱、液態氮細胞貯存桶。
3. 常用研究技術：組織細胞培養、分子基因表現檢測、西方墨點法、流式細胞儀、酵素免疫分析法、組織病理切片、免疫組織化學染色。

➤ 近三年研究計畫

計畫名稱	計畫 主持人	補助單位	執行期間

1	標靶藥抗性之淋巴癌細胞以細胞週期抑制劑與標靶藥聯合治療評估(EDAHP111015)	蘇裕傑	義大醫院	2022/02/01 ~ 2023/01/31
2	放射線抗性之頭頸癌細胞以細胞週期抑制劑與放射線聯合治療評估(EDAHP111011)	蘇裕傑 (共同主持人)	義大醫院	2022/02/01 ~ 2023/01/31
3	作用於PI3K/Akt/mTOR路徑之中草藥成分對頭頸鱗狀細胞癌抑制和放射增敏的效果評估(EDCHP111009)	林新杰	義大癌治療醫院	2022/02/01 ~ 2023/01/31
4	穿心蓮內酯對頭頸鱗狀細胞癌之放射增敏與機制探討(EDCHC111001)	林原禾	義大癌治療醫院	2022/02/01 ~ 2023/01/31
5	具有整合協力合作之開放式人工智慧病理分析平台(1/2)(110-2634-F-006-022-)	蘇裕傑 (共同主持人)	科技部	2021/11/01 ~ 2022/10/31
6	PI3K 抑制劑 BKM120 和抗發炎分子 5-MTP 對原代培養之頭頸癌細胞的作用機制(EDAHP-110045)	蘇裕傑	義大醫院	2021/01/01 ~ 2021/12/31
7	減重及代謝手術後腸道菌叢變化對疾病影響的相關研究 (EDAHI-110003)	陳建翰 (共同主持人)	義大醫院	2021/01/01 ~ 2021/12/31
8	人工智能(AI)應用於骨髓細胞之影像分析(EDAHP-110021)	林勝豐	義大醫院	2021/01/01 ~ 2021/12/31
9	CDK4/6 抑制劑(LEE011, rebociclib)與化療藥物併用對白血病淋巴細胞 L1210 之效果(EDCHC-110001)	林煜程	義大癌治療醫院	2021/01/01 ~ 2021/12/31
10	mTOR 抑制劑 RAD001 對臍帶血幹細胞之巨核細胞分化的影響 (EDAHC-110003)	邱亮鈞	義大醫院	2021/01/01 ~ 2021/12/31
11	以細胞週期抑制機轉用於治療放射抗性的頭頸鱗狀細胞癌 (MOST 109-2314-B-650-015)	蘇裕傑	科技部	2020/08/01 ~ 2021/07/31
12	減重及代謝手術後腹內脂肪變化對疾病影響的相關研究 (EDAHP-110045)	陳建翰	義大醫院	2020/01/01 ~ 2020/12/31
13	LOX-1 作為免疫抑制型嗜中性白血球之表面標記於頭頸部癌之潛力 (MOST 108-2314-B-650-003-MY2)	蘇裕傑 (共同主持人)	科技部	2019/08/01 ~ 2021/07/31

➤ 近三年研究成果【#共同第一作者(equal contribution); *通訊作者(Corresponding author)】【含期刊論文、會議論文、專利、專書、著作等】

- Po-Jui Chi, Kun-Ta Wu, Po-Jen Chen, Chung-Yen Chen, Yu-Chieh Su, Chung-Yi Yang, **Jian-Han Chen***. The serial changes of Neutrophile-Lymphocyte Ratio and correlation to weight loss after Laparoscopic Sleeve Gastrectomy. *Frontiers in Surgery* 2022, 9:939857.
- I-Sung Chen, Ming-Shian Tsai, **Jian-Han Chen**, Chung-Yen Chen, I-Lin Chen, Chi-Ming Tai*. The utility of intraoperative endoscopy to assist novice surgeons in the detection of gastric stenosis during laparoscopic sleeve gastrectomy. *BMC Surgery* 2022, 22(1):323.
- Shang-Wei Lin, **Jian-Han Chen***. Leser–Trélat sign. *British Journal of Surgery* 2022, znac169.
- Chih-I Chen, Fu-Cheng Chuang, Hung-Ju Li, Yu-Chi Chen, Hsin-Pao Chen, Kuang-Wen Liu, **Yu-Chieh Su**, **Jian-Han Chen**, Hui-Ming Lee*. The impact of a multispecialty operative team on colorectal cancer surgery: A retrospective study from a would-be medical center in Taiwan. *Medicine (Baltimore)*

2022), 101(31):e29863.

5. **Yu-Chieh Su**, Chih-Chun Wang, Jui-Hsi Weng, Shyh-An Yeh, Po-Jen Chen, Tzer-Zen Hwang, Huang-Chi Chen*. 5-Methoxytryptophan Sensitizing Head and Neck Squamous Carcinoma Cell to Cisplatin Through Inhibiting Signal Transducer and Activator of Transcription 3 (STAT3). *Frontiers in Oncology* 2022, 12:834941.
6. Pin-Chun Chen, Yuan-Chi Lee, **Yu-Chieh Su**, Cheng-Hung Lee, **Jian-Han Chen***, Chung-Yen Chen. Does hepatectomy improve outcomes of breast cancer with liver metastasis? A nationwide analysis of real-world data in Taiwan. *PLoS One* 2022, 17(4): e0266960.
7. Chun-Han Su, Pau-Choo Chung, Sheng-Fung Lin, Hung-Wen Tsai, Tsung-Lung Yang, **Yu-Chieh Su***. Multi-Scale Attention Convolutional Network for Masson Stained Bile Duct Segmentation from Liver Pathology Images. *Sensors* 2022, 22(7): 2679.
8. **Yu-Chieh Su**, Brian Chih-Hung Chiu, Hung-Ju Li, Wen-Chi Yang, Tsai-Yun Chen, Su-Peng Yeh, Ming-Chung Wang, Wen-Tsung Huang, Ming-Yang Lee, Sheng-Fung Lin*. Investigation of the incidence trend of follicular lymphoma from 2008 to 2017 in Taiwan and the United States using population-based data. *PLoS One* 2022, 17(3): e0265543.
9. Ching-Fang Wu, Tzu-Ting Hung, **Yu-Chieh Su**, Po-Jen Chen, Kuei-Hung Lai, Chih-Chun Wang*. Endoplasmic Reticulum Stress of Oral Squamous Cell Carcinoma Induces Immunosuppression of Neutrophils. *Frontiers in Oncology* 2022, 12:818192.
10. Hun-Ju Yu, Liang-Chun Chiu, **Yu-Chieh Su**, Chao-Ping Wang, Tzer-Zen Hwang, Pang-Yu Lai, Chih-Chun Wang*. Waldenström's macroglobulinemia presenting as refractory recurrent epistaxis with bilateral sudden vision loss: a case report. *E-DA Medical Journal* 2022, 9(1): 20-25.
11. Hao-Han Chang, Yung-Shun Juan, Ching-Chia Li, Hsiang-Ying Lee*, **Jian-Han Chen***. Congenital collagenopathies increased the risk of inguinal hernia developing and repair: analysis from a nationwide population-based cohort study. *Scientific Report* 2022, 12(1):2360.
12. Zhiwei Liu*, Yomani D. Sarathkumara, John K. C. Chan, Yok-Lam Kwong, Tai Hing Lam, Dennis Kai Ming Ip, Brian C.-H. Chiu, Jun Xu, **Yu-Chieh Su**, Carla Proietti, Martha M. Cooper, Kelly J. Yu, Bryan Bassig, Raymond Liang, Wei Hu, Bu-Tian Ji, Anna E. Coghill, Ruth M. Pfeiffer, Allan Hildesheim, Nathaniel Rothman, Denise L. Doolan, Qing Lan. Characterization of the humoral immune response to the EBV proteome in extranodal NK/T-cell lymphoma. *Scientific Reports* 2021; 11, 23664.
13. **Jian-Han Chen***, Hui-Ming Lee, Chung-Yen Chen, Ying-Chen Chen, Chia-Chen Lin, Ching-Yi Su, Cheng-Fei Tsai, Wan-Ling Tu. 6M50LSG Scoring System Increased the Proportion of Adequate Excess Body Weight Loss for Suspected Poor Responders After Laparoscopic Sleeve Gastrectomy in Asian Population. *Obesity surgery* 2021, 32(2):398-405.
14. Hsien-Lin Chen#, **Yu-Chieh Su#**, Huang-Chi Chen, Jui-Hsin Su, Chang-Yi Wu, Shih-Wei Wang, In-Pin Lin, Chung-Yi Chen, Chien-Hsing Lee*. Heteronemin Suppresses Lymphangiogenesis through ARF-1 and MMP-9/VE-Cadherin/Vimentin. *Biomedicine* 2021; 9(9):1109.
15. Wei Hung, Tsung-Heng Tsai, **Jian-Han Chen***. A case report of delayed lower intestinal bleeding after organophosphate poisoning. *BMC Gastroenterology* 2021, 21(1):1-4.
16. Wei-Leng Chin, Po-Jui Chi, Wei-Chieh Hung, Chi-Wei Lin, Chung-Yen Chen, **Jian-Han Chen***. Bariatric surgery decreases the risk of non-traffic accident-related fractures in patients with obesity: real-world data from Taiwan. *Obes Surg*. 2021; 31:2231-2240.

17. Shao-Ang Chu, Te-Yuan Chen, Po-Yuan Chen, Wei-Jie Tzeng, Cheng-Loong Liang, Kang Lu, Han-Jung Chen, Cheng-Chun Wu, **Jian-Han Chen***, Chin-Chuan Tsai*, Hao-Kuang Wang*. Acupuncture may decrease the incidence of post-stroke dementia: a Taiwan nationwide retrospective cohort study. *Frontiers in Neurology* 2021; 12:840.
18. Yi-Kai Kao, Hung-Yu Lin, Chih-I Chen, **Yu-Chieh Su, Jian-Han Chen ***. The bariatric surgery is associated with a lower incidence of malignancy: real world data from Taiwan. *Obes Surg.* 2021;1-9.
19. Fu-Cheng Chuang, Chih-Chun Wang, Jian-Han Chen, Tzer-Zen Hwang, Shyh-An Yeh, **Yu-Chieh Su***. PI3k inhibitors (BKM120 and BYL719) as radiosensitizers for head and neck squamous cell carcinoma during radiotherapy. *PLoS One* 2021/01; 16(1): e0245715.
20. **Jian-Han Chen***, Yu-Feng Wei, Chung-Yen Chen, **Yu-Chieh Su**, Robert Shan Fon Tsai, Wei-Leng Chin, Ho-Shen Lee. Decreased long-term respiratory infection risk after bariatric surgery: a comprehensive national cohort study. *Obes Surg.* 2021; 31(2):499-507.
21. Wei Leng Chin, Po-Jui Chi, Wei-Chieh Hung, Chi-Wei Lin, Chung-Yen Chen, **Jian-Han Chen***. Bariatric surgery decreases the risk of non-traffic accident-related fractures in patients with obesity: real-world data from Taiwan. *Obesity surgery* 2021, 31(5):2231-2240.
22. Meng-Fan Hsieh, **Jian-Han Chen***, **Yu-Chieh Su**, Chung-Yen Chen, Cheng-Hung Lee. The increasing possibility of pregnancy postbariatric surgery: a comprehensive national cohort study in Asian population. *Obes Surg.* 2021; 31(3): 1022-1029.
23. Shao-Lun Hung, Chung-Yen Chen, Wei-Leng Chin, Cheng-Hung Lee, **Jian-Han Chen***. The long-term risk of cardiovascular events in patients following bariatric surgery compared to a non-surgical population with obesity and the general population: a comprehensive national cohort study. *Langenbeck's Arch Surg.* 2021; 406(1):189-196.
24. Tien-Yu Chen, Chien-Ting Liu, Chi-Hsiang Chung, Shao-Lun Hung, Wu-Chien Chien, **Jian-Han Chen***. Bariatric surgery may provide better protection than uvulopalatopharyngoplasty against major adverse cardiovascular events in obese patients with obstructive sleep apnea. *Surg Obes Relat Dis.* 2021; 17(4):780-791.
25. Shih-I Tseng, Ching-Chia Li, Hsiang-Ying Lee*, **Jian-Han Chen***. Previous unilateral inguinal hernia repair increase risk of new developed inguinal hernia: a nationwide Longitudinal Cohort Study in Asian male adult patients. *Surg Endosc.* 2021:1-6.
26. Pai-Mei Lin, Hui-Ming Lee, Chung-I Huang, Tzong-Shyuan Tai, Jian-Han Chen, Chih-I Chen, **Yu-Chieh Su***. Synergistic Antiproliferative Effect of Ribociclib (LEE011) and 5-Fluorouracil on Human Colorectal Cancer. *Anticancer Research* 2020/11; 40(11): 6265-6271.
27. Chung-Yen Chen, Cheng-Hung Lee, Hui-Ming Lee, Wen-Yao Yin, Wei-Leng Chin, Ming-Hsien Lee, **Jian-Han Chen***. Check point to get adequate weight loss within 6-months after laparoscopic sleeve gastrectomy for morbid obesity in Asian population. *Sci Rep.* 2020; 10(1):1-9.
28. Pang-Yu Lai, Chih-Chun Wang, Chih-I Chen, Shyh-An Yeh, Wen-Chi Yang, Sheng-Fung Lin, **Yu-Chieh Su***. The Relationship between Blood Transfusion and the Occurrence of Lymphoma: A National Population-Based Dataset Analysis. *E-Da Medical Journal* 2020/07; 7(2): 1-6
29. **Yu-Chieh Su**, Yi-Fang Huang, Yu-Wen Wu, Hui-Feng Chen, Yu-Hsuan Wu, Chia-Chun Hsu, Yao-Chin Hsu*, Jin-Ching Lee*. MicroRNA-155 inhibits dengue virus replication by inducing heme oxygenase-1- mediated antiviral interferon responses. *FASEB J.* 2020; 34(6):7283-7294.

30. Chih-Chun Wang, Ching-Chieh Yang, Shyh-An Yeh, Chung-I Huang, Tzer-Zen Hwang, Chuan-Chien Yang, **Yu-Chieh Su***. The Impact of Insurance and Marital Status on Survival in Patients with Nasopharyngeal Carcinoma. *Biology* 2020; 9 (4), 84.
31. Guo-Wang Lin, Caigang Xu, Kexin Chen et al. (**Yu-Chieh Su** as one of co-authors) Genetic risk of extranodal natural killer T-cell lymphoma: a genome-wide association study in multiple populations. *Lancet Oncology* 2020 Feb; 21(2):306-316.
32. Yu-Tin Hsiao, Wen-Chi Yang, Sheng-Fung Lin, **Yu-Chieh Su***. Very late relapse of plasma cell myeloma after allogeneic hematopoietic stem cell transplantation: a case report. *Journal of Cancer Research and Practice* 2020; 7(1):38-40.
33. Szu-Chin Li, Ching-Chih Lee, Chin-Mu Hsu, Hsien-Bin Huang, **Yu-Chieh Su ***. IL-6 induces haptoglobin expression through activating STAT3 in human head and neck cancer. *J Oral Pathol Med.* 2020; 49 (1), 49-54.
34. Yi-Chieh Chen, Ling-Chiao Song, Hsin-Pao Chen, Kuang-Wen Liu, **Jian-Han Chen**, Chih-I Chen. Readmission risk of colonic diverticulitis after conservative treatment: a 10-year comprehensive national cohort study. 中華民國大腸直腸外科醫學會雜誌 2020;31(2):91-100.
35. Yi-Kai Kao and **Jian-Han Chen***. Adult Jejuno-jejunal intussusception due to inflammatory fibroid polyp: A case report and literature review. *Medicine* 2020; 99.36):e22080.
36. Chung-I Huang, Chih-Chun Wang, Tzong-Shyuan Tai, Tzer-Zen Hwang, Chuan-Chien Yang, Chin-Mu Hsu, **Yu-Chieh Su***. eIF4E and 4EBP1 are prognostic markers of head and neck squamous cell carcinoma recurrence after definitive surgery and adjuvant radiotherapy. *PLoS One* 2019 14 (11), e0225537.
37. Hui-Fen Liao, You-Zhu Lin, Chih-Chia Yu, Tzong-Shyuan Tai, Shih-Kai Hung, Ching-Chieh Yang, **Yu-Chieh Su***. mTORC1/2 Inhibitor Served as a More Ideal Agent Against the Growth of Mouse Lymphocytic Leukemia Both *In Vitro* and *In Vivo*. *Anticancer Res.* 2019 Sep;39(9):4829-4835.
38. **Jian-Han Chen**, Ming-Shian Tsai, Chung-Yen Chen, Hui-Ming Lee, Chi-Fu Cheng, Yu-Ting Chiu, Wen-Yao Yin*, Cheng-Hung Lee*. Bariatric surgery did not increase the risk of gallstone disease in obese patients: a comprehensive cohort study. *Obes Surg.* 2019; 29(2):464-73.
39. Victor C. Kok, Yu-Ching Chen, Yang-Yuan Chen, **Yu-Chieh Su**, Ming-Chang Ku, Jung-Tsung Kuo, Go J. Yoshida. Sorafenib with Transarterial Chemoembolization Achieves Improved Survival vs. Sorafenib Alone in Advanced Hepatocellular Carcinoma: A Nationwide Population-Based Cohort Study. *Cancers* 2019, 11(7), 985.
40. Ming-Chun Chen#, Jian-Han Chen#, Yun Chen, Ya-Hui Tsai, Cheng-Hung Lee. Low and decreased prevalence of congenital abdominal wall defect in Taiwan. *J Pediatr Surg.* 2019; 54(9):1958-1964.
41. HP Lee, CC Lee, **Yu-Chieh Su**, Decision tree and prediction model for hypopharyngeal cancer survival. *B-ENT* 2019 (2nd trimester), 93-100.
42. Ching-Chieh Yang, Li-Chin Cheng, Yu-Wei Lin, Shih-Chang Wang, Te-Min Ke, Chung-I Huang, **Yu-Chieh Su***, Ming-Hong Tai*. The impact of marital status on survival in patients with surgically treated colon cancer. *Medicine (Baltimore)* 2019 Mar; 98(11):e14856.
43. Tzong-Shyuan Tai, Pai-Mei Lin, Ching-Fang Wu, Shih-Kai Hung, Chung-I Huang, Chih-Chun Wang, **Yu-Chieh Su***. CDK4/6 Inhibitor LEE011 Is a Potential Radiation-sensitizer in Head and Neck Squamous Cell Carcinoma: An *In Vitro* Study. *Anticancer Res.* 2019 Feb; 39(2):713-720.

44. Ching-Chieh Yang, **Yu-Chieh Su**, Yu-Wei Lin, Chung-I Huang, Ching-Chih Lee. Differential impact of age on survival in head and neck cancer according to classic Cox regression and decision tree analysis. *Clin Otolaryngol* 2019 May;44(3):244-253.