

癌症及肥胖研究實驗室

➤ 主持人：

蘇裕傑醫師/陳建翰醫師/林勝豐教授/葉世安醫師/陳文惠醫師/王誌群
醫師/林煜程醫師/紀伯叡醫師/李蕙鳴醫師/邱亮鈞醫師/林新杰醫師/林
原禾醫師/黃仲儀醫師

➤ 聯絡方式

聯絡地址：高雄市燕巢區義大路6號 育成研究大樓5樓 10501-2室

聯絡電話：07-6151100 分機 5911

E-mail：ed112123@edah.org.tw

➤ 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
	義守大學醫學研究所及醫學系	教授	2023/08~迄今
	義守大學醫學系	副教授	2020/08~2023/07
	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
	高雄醫學大學附設醫院/血液腫瘤科	主治醫師	2000/08~2002/07

醫師	服務機關	職稱	期間
陳建翰	義守大學醫學系	助理教授	2023/08~迄今
	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. 淋巴瘤研究
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. 莊喻荏 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	葉綠素酶療效與機制探討：頭頸癌放射抗性、嗜中性白血球發炎及 HSV 1 病毒感染(EDAHI113004)	蘇裕傑	義大醫院	2024
2	減重手術後血脂上升現象及機制探討:FGF 21 與脂肪細胞功能的關聯性(EDAHP113022)	陳建翰	義大醫院	2024
3	新型非類固醇礦物性皮質受體拮抗劑 Finerenone 對脂肪生成脂肪分解細胞模式之影響(EDDHP113005)	紀伯叡	義大大昌醫院	2024
4	具有整合協力合作之開放式人工智慧病理分析平台(II)(1/2) (NSTC 112-2634-F-006-002 -)	蘇裕傑 (共同主持人)	科技部	2023/11/01 ~ 2024/10/31
5	蘭科中草藥化合物對腫瘤細胞放射增敏之探索:從基礎科學研究轉譯至臨床應用(EDAHP112007)	蘇裕傑	義大醫院	2023/01/01 ~ 2023/12/31
6	牛樟芝對人類臍帶血造血幹細胞之巨核細胞分化和增生的影響(EDAHP112031)	林勝豐	義大醫院	2023/01/01 ~ 2023/12/31
7	減重手術前後腸道菌叢變化和心理適應狀況變化之相關研究(EDAHP112010)	陳建翰 (共同主持人)	義大醫院	2023/01/01 ~ 2023/12/31
8	腹腔鏡袖狀胃切除手術成效與術前慢性發炎、白血球功能及脂肪細胞功能的關係(EDAHP112005)	陳建翰 (共同主持人)	義大醫院	2023/01/01 ~ 2023/12/31
9	腹腔鏡袖狀胃切除手術前後，嗜中性白血球功能在患者免疫系統當中的改變(EDAHC112001)	陳建翰 (共同主持人)	義大醫院	2023/01/01 ~ 2023/12/31
10	類升糖素胜肽-1 經由抑制鐵依賴性細胞死亡對急性腎衰竭細胞模式的影響(EDAHP112004)	紀伯叡	義大醫院	2023/01/01 ~ 2023/12/31
11	具有整合協力合作之開放式人工智慧病理分析平台(2/2)(NSTC 111-2634-F-006-012 -)	蘇裕傑 (共同主持人)	國科會	2022/11/01 ~ 2024/01/31
12	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
13	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
14	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
15	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
16	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
17	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(EDAHP110045)	蘇裕傑	義大醫院	2021/01/01 ~ 2021/12/31
18	減重及代謝手術後腸道菌叢變化對疾病影響的相關研究 (EDAHI110003)	陳建翰 (共同主持人)	義大醫院	2021/01/01 ~ 2021/12/31
19	人工智慧(AI)應用於骨髓細胞之影像分析(EDAHP110021)	林勝豐	義大醫院	2021/01/01 ~ 2021/12/31
20	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(EDCHC110001)	林煜程	義大癌治療醫院	2021/01/01 ~ 2021/12/31
21	mTOR 抑制劑 RAD001 對臍帶血幹細胞之巨核細胞分化的影響 (EDAHC110003)	邱亮鈞	義大醫院	2021/01/01 ~ 2021/12/31

22	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
23	減重及代謝手術後腹內脂肪變化對疾病影響的相關研究 (EDAHI109001)	陳建翰	義大醫院	2020/01/01 ~ 2020/12/31

➤ 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】

1. **Yu-Cheng Lin**[†], Yuan-Ho Lin[†], Yu Chang, **Yu-Chieh Su**, Wen-Chuan Hsieh, Wen-Hui Chen, Hui-Ming Lee. Anti-Cancer Effects of CDK4/6 Inhibitor LEE011 and Chemotherapy Drugs on Lymphocytic Leukemia L1210 Cells. *Anticancer Research*, 2024, 44(3): 1121-1130
2. Huang-Chi Chen, Chia-Yu Kuo, Yu Chang, Dong-Lin Tsai, Mei-Hsuan Lee, Jui-Ying Lee, Hui-Ming Lee, **Yu-Chieh Su***. 5-Methoxytryptophan enhances the sensitivity of sorafenib on the inhibition of proliferation and metastasis for lung cancer cells. *BMC Cancer*, 2024, 24:248
3. Chun Yu Zhang, Cheng-Huei Hung, Yi-Ling Hsiao, Tung-Miao Chang, **Yu-Chieh Su**, Li-Chiu Wang, Shih-Min Wang, Shun-Hua Chen. Miltefosine reduces coxsackievirus B3 lethality of mice with enhanced STAT3 activation. *Antiviral Research*, 2024, 223:105824.
4. Chien-Yu Ker, Hung-Wei Liu, **Yu-Chieh Su**, Pang-Yu Lai*. Idiopathic Multicentric Castleman Disease following SARS-CoV-2 Vaccination. *Journal of Cancer Research and Practice*, 2023, 10(3):121-123.
5. I-Ting Hu, Chi-Wei Lin, Jiun-Nong Lin, **Yu-Chieh Su***, **Chung-I Huang***. IgG4-Related Disease Mimicking Lymphoma: A Case Report. *E-DA Medical Journal*, 2023, 10(2): 33–38.
6. **Chung-I Huang**[†], Yi-Kai Huang[†], Hui-Ming Lee, Jian-Han Chen, Yu-Chieh Su, Pai-Mei Lin*. Synergistic and Antagonistic Antiproliferative Effects of Ribociclib (Lee011) and Irinotecan (SN38) on Colorectal Cancer Cells. *Anticancer Research*, 2023, 43(5): 1933–1941.
7. Hsin-Chieh Lin, Chih-Chun Wang, Ching-Fang Wu, Yuan-Ho Lin, Wei-Chang Lee, Po-Jen Chen, Yu Chang*, **Yu-Chieh Su***. Hinokitiol Inhibits the Viability of Oral Squamous Carcinoma Cells by Inducing Apoptosis and Autophagy. *Anticancer Research*, 2023, 43(3), 1167-1173.
8. Liang-Chun Chiu, Chih-Wen Lin, Hung-Ju Li, Jian-Han Chen, Fu-Cheng Chuang, Sheng-Fung Lin, Yu Chang*, **Yu-Chieh Su***. Incidence Trend of Follicular Lymphoma in Taiwan Compared to Japan and Korea, 2001–2019. *J. Clin. Med.* 2023, 12(4), 1417.
9. **Yu-Chieh Su**, Wei-Chang Lee, Chih-Chun Wang, Shyh-An Yeh, Wen-Hui Chen*, Po-Jen Chen*. Targeting PI3K/AKT/mTOR Signaling Pathway as a Radiosensitization in Head and Neck Squamous Cell Carcinomas. *Int. J. Mol. Sci.* 2022, 23(24), 15749.
10. Yi-Kai Huang, Kun-Ta Wu, Yi-Shan Su, Chung-Yen Chen, **Jian-Han Chen**. Predicting in-hospital mortality risk for perforated peptic ulcer surgery: the PPUMS scoring system and the benefit of laparoscopic surgery: a population-based study. *Surgical Endoscopy*, 2023, 37(9):6834-6843.
11. Ying-En Lee, Chen-Yu Fu, Yow-Ling Shiue, Chu-Yun Lu, Chung-Yen Chen, **Jian-Han Chen**, Jen-Lung Chen, Chen-Fuh Lam. Efficacy and safety of an extended-release sebacoyle dinalbuphine ester for laparoscopic cholecystectomy: A randomized controlled trial. *Medicine*, 2023, 102(31):e34423
12. Ying-En Lee, Shao-Ye Wang, **Jian-Han Chen**, Chung-Yen Chen, Yow-Ling Shiue, Tien-Chou Soong, Chen-Fuh Lam. Efficacy and Safety of Parenteral Injection of an Extended Release κ -receptor Opioid

- Sebacoyl Dinalbuphine Ester for Acute and Chronic Pain After Laparoscopic Bariatric Surgery: a Randomized, Placebo-Controlled, Double-Blind Trial. *Obesity Surgery*, 2023, 33(4):1192-1201.
13. **Jian-Han Chen**, Po-Jui Chi, Kun-Ta Wu, Chung-Yen Chen. 肥胖、慢性發炎、與減重手術. 源遠護理, 2023, 17(1):11-22.
 14. Ying-Nan Tsai, Chi-Ming Tai, Hung-Pin Tu, **Jian-Han Chen**, Chung-Yen Chen, Chao-Hung Kuo. Factors Associated with Increased Severity of Erosive Esophagitis One Year After Laparoscopic Sleeve Gastrectomy. *Obesity surgery*, 2022, 32(12):3891-3899.
 15. Shang-Wei Lin, Chung-Yen Chen, Yu-Chieh Su, Kun-Ta Wu, Po-Chin Yu, Yung-Chieh Yen*, **Jian-Han Chen***. Mortality Prediction Model before Surgery for Acute Mesenteric Infarction: A Population-Based Study. *Journal of Clinical Medicine*, 2022, 11(19), 5937.
 16. 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.
 17. 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.
 18. Shang-Wei Lin, **Jian-Han Chen***. Leser-Trélat sign. *British Journal of Surgery* 2022, znac169.
 19. 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.
 20. **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.
 21. 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.
 22. 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.
 23. **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.
 24. 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.
 25. 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.

26. 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.
27. 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.
28. **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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. **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.
36. 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.
37. 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.
38. 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.

39. 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.
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