

Cancer and Obesity Research Lab

Principal Investigator:

Yu-Chieh Su M.D./ Jian-Han Chen M.D./ Sheng-Fung Lin M.D./ Shyh-An Yeh M.D./ Wen-Hui Chen M.D./ Chih-Chun Wang M.D./ Yu-Cheng Lin M.D./ Po-Jui Chi M.D./ Hui-Ming Lee M.D./ Liang-Chun Chiu M.D./ Hsin-Chieh Lin M.D. / Yuan-Ho Lin M.D./ Chung-I Huang M.D.

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 **Yu-Chieh Su Director/ Dept. of Cancer Center, E-Da Hospital**

Educations:

School	Department	Degree
Kaohsiung Medical University	Graduate Institute of Clinical Medicine	Master
Kaohsiung Medical College	School of medicine	Bachelor

Academic Experiences:

Department	Position	Duration
Dept. of Hematology & Oncology, E-Da Hospital	Director	2022/08 ~ present
Dept. of Cancer Center, E-Da Hospital	Director	2020/01 ~ present
Graduate Institute of Medicine, College of Medicine, I-Shou University	Professor	2023/08 ~ present
School of Medicine, College of Medicine, I-Shou University, Kaohsiung, Taiwan	Associate Professor	2020/08~2023/07
Dept. of Hematology & Oncology, Kaohsiung Municipal Siaogang Hospital	Attending Physicians	2019/08 ~ 2019/10
Dept. of Hematology & Oncology, Kaohsiung	Director	2018/08 ~ 2019/07

Medical University Chung-Ho Memorial Hospital		
School of Medicine for International Students, College of Medicine, I-Shou University	Associate Professor	2016/09 ~ 2018/08
Dept. of Hematology & Oncology, E-Da Hospital	Director	2016/06 ~ 2018/08
School of Medicine, Tzu Chi University	Associate Professor	2014/02 ~ 2016/05
Tumor Center, Buddhiat Dalin Tzu Chi general Hospital	Director	2008/12 ~ 2016/05
Dept. of Hematology & Oncology, Buddhiat Dalin Tzu Chi general Hospital	Attending Physicians	2002/08 ~ 2016/05
Dept. of Hematology & Oncology, Kaohsiung Medical University Chung-Ho Memorial Hospital	Attending Physicians	2000/08 ~ 2002/07

Academic expertise:

1. Cancer Molecular Biology study
2. Blood Lymphoma research
3. Study on Hematopoietic Stem Cells

 **Jian-Han Chen Director/ Bariatric and Metabolic Surgery Center, E-Da Hospital**

Educations:

School	Department	Degree
Tzu Chi University	School of medicine	Bachelor

Academic Experiences:

Department	Position	Duration
School of Medicine, College of Medicine, I-Shou University, Kaohsiung, Taiwan	Assistant Professor	2023/08 ~ present
Bariatric and Metabolic Surgery Center, E-Da Hospital	Director	2020/01~ present
Department of General Surgery, E-Da Hospital	Attending Physicians	2016/12~ present
Bariatric and Metabolic Surgery Center, E-Da Hospital	Vice director	2019/01~2019/12
Bariatric and Metabolic Surgery Center, E-Da Hospital	Attending Physicians	2016/12~2018/12
Department of General Surgery, Buddhiat Dalin	Attending Physicians	2013/10~2016/11

Tzu Chi general Hospital		
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Academic expertise:

- 1. Laparoscopic metabolic and bariatric surgery
- 2. Laparoscopic hepatobiliary and gastrointestinal cancer surgery
- 3. Laparoscopic hernioplasty
- 4. Taiwan's National Health Insurance database research

Lab Introduction:

- 1. Role of small molecule target drug in lymphocytic leukemia.
- 2. Head and neck cancer radiation sensitization mechanism and drug reaction explore.
- 3. Relation between successful weight loss after Laparoscopic sleeve gastrectomy and gut hormone, immune function, and fat metabolism.
- 4. Association of visceral fat distribution, microbiota, fat metabolism, metal status and various organ disease after Bariatric and Metabolic Surgery.

Team Members:

- 1. Li-Wen Fang Ph.D. 、Pai-Mei Lin Ph.D.
- 2. Research Assistants: Hung-Ju Li 、Yu-Ren Zhuang 、Wei Chang Lee

Techniques & Equipments:

- 1. General purpose equipments:
Microcentrifuge 、dry bath 、Magnetic stirrer 、Vortex 、orbital and rocking shakers
Balance
- 2. Sample storage devices:
4℃, -20℃, -80℃ refrigerators, and liquid nitrogen tank
- 3. Frequently used techniques:
Cell and tissue culture 、Cell-based assays 、RT-PCR 、qPCR 、Western blotting
Flow cytometry 、ELISA 、Paraffin block sectioning 、Immunohistochemistry

Research Projects:

Project titles		PI	Source	Duration
1	Study on the therapy and mechanisms of	Su YC	E-Da	2024

	chlorophyllase: radiation-resistant head and neck cancer, neutrophilic inflammation, and HSV-1 virus infection (EDAHI113004)		Hospital	
2	Investigation of Postoperative Lipid Elevation and Mechanisms: The Association between FGF-21 and Adipocyte Function Following Weight Loss Surgery (EDAHP113022)	Chen JH	E-Da Hospital	2024
3	The impact of nonsteroid MR receptor antagonist Finerenone on adipogenesis/lipolysis cell model (EDDHP113005)	Chi PJ	E-Da DaChang Hospital	2024
4	Open AI pathology platform with integrated collaborations (II) (1/2) (NSTC 112-2634-F-006-002 -)	Su YC (Co PI)	NSTC	2023/11/01 ~ 2024/10/31
5	Exploration of the radiosensitization of tumor cells by Chinese herb-derived compounds from orchidaceae: translating basic science research into clinical applications (EDAHP112007)	Su YC	E-Da Hospital	2023/01/01 ~ 2023/12/31
6	Effect of Antrodia camphorata on proliferation and differentiation of megakaryocytes from cord blood stem cells (EDAHP112031)	Lin SF	E-Da Hospital	2023/01/01 ~ 2023/12/31
7	Association between changes of gut microbiota and psychological adaptation after bariatric and metabolic surgery (EDAHP112010)	Chen JH (Co PI)	E-Da Hospital	2023/01/01 ~ 2023/12/31
8	The association between preoperative inflammation, white blood cell function, adipocyte function and effect of laparoscopic sleeve gastrectomy (EDAHP112005)	Chen JH (Co PI)	E-Da Hospital	2023/01/01 ~ 2023/12/31
9	The serial changes of immunity and neutrophil function after Laparoscopic sleeve gastrectomy for obesity (EDAHC112001)	Chen JH (Co PI)	E-Da Hospital	2023/01/01 ~ 2023/12/31
10	Impact of glucagon-like peptide-1 on acute kidney injury cell model via inhibition of ferroptosis (EDAHP112004)	Chi PJ	E-Da Hospital	2023/01/01 ~ 2023/12/31
11	Open AI pathology platform with integrated collaborations (2/2) (NSTC 111-2634-F-006-012 -)	Su YC (Co PI)	NSTC	2022/11/01 ~ 2024/01/31
12	Evaluation of targeted drug-resistant lymphoma cells with combined treatment of cell cycle inhibitors and targeted drugs (EDAHP111015)	Su YC	E-Da Hospital	2022/02/01 ~ 2023/01/31
13	Evaluation of radiation-resistant head and neck cancer cells with combined treatment of cell cycle inhibitors and radiation (EDAHP111011)	Su YC (Co PI)	E-Da Hospital	2022/02/01 ~ 2023/01/31
14	To evaluate the effects of herbal medicine compounds acting on the PI3K/Akt/mTOR pathway on the inhibition and	Lin HC	E-Da Cancer Hospital	2022/02/01 ~ 2023/01/31

	radiosensitization of head and neck squamous cell carcinoma (EDCHP111009)			
15	The radiosensitization and mechanism of andrographolide on head and neck squamous cell carcinoma (EDCHC111001)	Lin YH	E-Da Cancer Hospital	2022/02/01 ~ 2023/01/31
16	Open AI pathology platform with integrated collaborations (1/2) (MOST 110-2634-F-006-022-)	Su YC (Co PI)	MOST	2021/11/01 ~ 2022/10/31
17	Mechanism of PI3K inhibitor BKM120 and anti-inflammatory molecule 5-MTP on primary cultured head and neck cancer cells (EDAHP110045)	Su YC	E-Da Hospital	2021/01/01 ~ 2021/12/31
18	Association between change of gut microbiota and various organ disease after bariatric and metabolic surgery (EDAHI110003)	Chen JH (Co PI)	E-Da Hospital	2021/01/01 ~ 2021/12/31
19	Artificial intelligence (AI) applied to image analysis of bone marrow cells (EDAHP110021)	Lin SF	E-Da Hospital	2021/01/01 ~ 2021/12/31
20	The combination effects of LEE011 and chemotherapy drugs in L1210 cells (EDCHC110001)	Lin YC	E-Da Cancer Hospital	2021/01/01 ~ 2021/12/31
21	Effect of mTOR inhibitor RAD001 on the differentiation of megakaryocytes of cord blood stem cells (EDAHC110003)	Chiu LC	E-Da Hospital	2021/01/01 ~ 2021/12/31
22	Cell cycle inhibition for radioresistant head and neck cancer (MOST 109-2314-B-650-015)	Su YC	MOST	2020/08/01 ~ 2012/07/31
23	Association of visceral fat distribution and various organ disease after Bariatric and Metabolic Surgery (EDAHI109001)	Chen JH	E-Da Hospital	2020/01/01 ~ 2020/12/31

Selected Publications (2020~present):

(Annotations: # Co-1st author; *Corresponding author)

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 sebacoyl 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. Obesity, Chronic Inflammation and Bariatric Surgery. *Yuan-Yuan Nursing*, 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, 109(1):169.
 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.
40. 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.
41. 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.
42. 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.
43. 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
44. **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.
45. 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.
 46. 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.
 47. 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.
 48. 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.
 49. 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. *Journal of Society of Colon and Rectal Surgeons (Taiwan)* 2020;31(2):91-100.
 50. 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.