

# Chia-Jen Liu, M.D., Ph.D.

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## Education:

- ◆ Ph.D., Institute of Public Health, National Yang Ming Chiao Tung University, Taiwan (Jul 2015)
- ◆ M.D., School of Medicine, National Yang Ming Chiao Tung University, Taiwan (Jun 2004)

## Work Experience:

- ◆ Director, Division of Transfusion Medicine, Department of Medicine, Taipei Veterans General Hospital (Feb 2024–Present)
- ◆ Professor, Institute of Emergency and Critical Care Medicine, National Yang Ming Chiao Tung University (Aug 2025–Present)
- ◆ Director, Hemophilia Comprehensive Treatment Center, Taipei Veterans General Hospital (Jul 2022–May 2024)
- ◆ Attending Physician, Division of Hematology and Oncology, Department of Medicine, Taipei Veterans General Hospital (Aug 2013–Jan 2024)
- ◆ Research Fellow, Medical Oncology, Dana-Farber Cancer Institute/Harvard Cancer Center (Aug 2016–Dec 2019)
- ◆ Attending Physician, Department of Internal Medicine, National Yang Ming Chiao Tung University Hospital (Aug 2012–Jul 2013)
- ◆ Chief Resident & Resident, Division of Hematology and Oncology, Department of Medicine, Taipei Veterans General Hospital (Jul 2006–Jul 2012)

## Leadership & Service:

- ◆ Chair, Multiple Myeloma Working Group, Taiwan Society of Hematology (TSH) (May 2024–Present)
- ◆ Supervisor, Taiwan Society of Blood and Marrow Transplantation (TSBMT) (May 2025–Present)

**Teaching Achievements:** Excellent Doctor in Clinical Teaching (2013, 2019, 2020, 2022)  
Excellent Teacher Award (2007, 2008, 2018, 2019, 2020, 2023)

## Research Interests:

1. Hematology; 2. Genomic analysis; 3. Cancer epidemiology

## Research Accomplishments:

1. Important Journal Papers of National Yang Ming Chiao Tung University in the Fourth Quarter of 2025 (Mar 2025)
2. Investigator High Impact Factor Award at Department of Medicine, Taipei Veterans General Hospital (Jan 2025)
3. Silver Medal Winner of Physician Academic Award at Taipei Veterans General Hospital (Oct 2024)
4. Travel Award of the 86th Annual Meeting of the Japanese Society of Hematology (Correspondence, Oct 2024)
5. Overseas contribution award of the 8th International Congress of BMT 2024 (Correspondence, Sep 2024)

6. Important Journal Papers of National Yang Ming Chiao Tung University in the Third Quarter of 2023 (Dec 2023)
7. Overseas Contribution Award at the 7th International Congress of BMT 2023 (ICBMT2023) (Correspondence, Aug 2023)
8. College-Level Excellence Teaching Award at National Yang Ming Chiao Tung University (Aug 2023)
9. Silver Medal Winner of the Physician's Academic Award at Taipei Veterans General Hospital (Oct 2020)
10. Silver Medal Winner of Physician Academic Award at Taipei Veterans General Hospital (Nov 2020)
11. Young Investigator Outstanding Research Award of Hematology Society of Taiwan (Aug 2020)
12. Investigator High Impact Factor Award at Department of Medicine, Taipei Veterans General Hospital (Jan 2020)
13. Travel Award of the 24th meeting of Asia Pacific Blood and Marrow Transplantation Group, APBMT (Aug 2019)
14. Young Investigator Outstanding Research Award of Hematology Society of Taiwan (Apr 2019)
15. Travel Award of the 80th Annual Meeting of the Japanese Society of Hematology (Oct 2018)
16. Young Investigator Outstanding Research Award of Hematology Society of Taiwan (Apr 2018)
17. Young Investigator Outstanding Oral Presentation Award at 2018 Annual Meeting of the Hematology Society of Taiwan (Apr 2018)
18. Kirin Young Investigator Research Award of Hematology Society of Taiwan (Apr 2018)
19. Outstanding Investigator Award of the Department of Medicine, Taipei Veterans General Hospital (Jan 2018)
20. Silver Medal Winner of the Physician's Academic Award at Taipei Veterans General Hospital (Nov 2017)
21. Travel Award and Best Poster Award of the 78th Annual Meeting of the Japanese Society of Hematology (Correspondence, Oct 2016)
22. Young Investigator High Impact Factor Award of the Department of Medicine, Taipei Veterans General Hospital (Jan 2016)
23. Silver Medal Winner of the Physician's Academic Award at Taipei Veterans General Hospital (Nov 2015)
24. Travel Award of the 77th Annual Meeting of the Japanese Society of Hematology (Oct 2015)
25. Travel Grant Winner at the 20th Congress of the European Hematology Association (Jun 2015)
26. Abstract Achievement Award Winner at the American Society of Hematology (ASH) Annual Meeting (Dec 2014)
27. Travel Award of the 76th Annual Meeting of the Japanese Society of Hematology (Oct 2014)

### Selected Publications:

(\*corresponding author; <sup>1</sup>equal contribution)

#### Prognostic prediction and risk stratification

1. Bustoros M<sup>1</sup>, Sklavenitis-Pistofidis R<sup>1</sup>, Kapoor P<sup>1</sup>, **Liu CJ**<sup>1</sup>, Kastritis E, Zanwar S, Fell G, Abeykoon JP, Hornburg K, Neuse CJ, Marinac CR, Liu D, Soiffer J, Gavriatopoulou M, Boehner C, Cappuccio JM, Dumke H, Reyes K, Soiffer RJ, Kyle RA, Treon SP, Castillo JJ, Dimopoulos MA, Ansell SM, Trippa L, Ghobrial IM. Progression risk stratification of Asymptomatic Waldenström Macroglobulinemia. *Journal of Clinical Oncology*. 2019 Jun; 37(16):1403-1411. (co-first author).

#### Genomic analysis and translational medicine

2. Manier S<sup>1</sup>, **Liu CJ**<sup>1</sup>, Avet-Loiseau H, Park J, Shi J, Campigotto F, Salem KZ, Huynh D, Glavey SV, Rivotto B, Sacco A, Roccaro AM, Bouyssou J, Minvielle S, Moreau P, Facon T, Leleu X, Weller E, Trippa L, Ghobrial IM. Prognostic role of circulating exosomal miRNAs in multiple myeloma. *Blood*. 2017 Apr; 129(17):2429-2436. (co-first author)
3. Nassar AH, Mouw KW, Jegede O, Shinagare AB, Kim J, **Liu CJ**, Pomerantz M, Harshman LC, Van Allen EM, Wei XX, McGregor B, Choudhury AD, Preston MA, Dong F, Signoretti S, Lindeman NI, Bellmunt J, Choueiri

TK, Sonpavde G, Kwiatkowski DJ. A model combining clinical and genomic factors to predict response to PD-1/PD-L1 blockade in advanced urothelial carcinoma. *British Journal of Cancer*. 2020 Feb; 122(4):555-563.

4. Mouhieddine TH, Sperling AS, Redd R, Park J, Leventha M, Gibson CJ, Manier S, Nassar AH, Capelletti M, Huynh D, Bustoros M, Sklaventis-Pistofidis R, Tahri S, Hornburg K, Dumke H, Itani MM, Boehner CJ, **Liu CJ**, AlDubayan SH, Reardon B, Allen EMV, Keats JJ. Clonal Hematopoiesis Is Associated With Adverse Outcomes in Multiple Myeloma Patients Undergoing Transplant. *Nature Communications*. 2020 Jun; 11(1):2996.
5. Zavidij O, Haradhvala NJ, Mouhieddine TH, Pistofidis RS, Cai S, Reidy M, Rahmat M, Flaifel A, Ferland B, Su NK, Agius MP, Park J, Manier S, Bustoros M, Huynh D, Capelletti M, Berrios B, **Liu CJ**, He MX, Braggio E, Fonseca R, Maruvka YE, Guerriero JL, Goldman M. Single-cell RNA sequencing reveals compromised immune microenvironment in precursor stages of multiple myeloma. *Nature Cancer*. 2020 Apr; 1:493-506.

### Cancer epidemiology

6. Teng CJ, Hu YW, Chen SC, Yeh CM, Chiang HL, Chen TJ, **Liu CJ**\*. Use of Radioactive Iodine for Thyroid Cancer and Risk of Second Primary Malignancy: A Nationwide Population-Based Study. *JNCI-Journal of the National Cancer Institute*. 2015 Nov; 108(2):djv314. (corresponding author)
7. Lai TY, Yeh CM, Hu YW, **Liu CJ**\*. Hospital volume and physician volume in association with survival in patients with nasopharyngeal cancer after radiation therapy. *Radiotherapy and Oncology*. 2020 Oct; 151:190-199. (corresponding author)

### Clinical trials

8. Laubach JP, **Liu CJ**, Raje NS, Yee AJ, Armand P, Schlossman RL, Rosenblatt J, Hedlund J, Martin MG, Reynolds CH, Shain K, Zackon I, Stampleman L, Henrick P, Rivotto BJ, Hornburg K, Dumke H, Chuma S, Savell A, Handisides D, Kroll S, Anderson KC, Richardson PG, Ghobrial IM. A Phase I/2 Study of evofosfamide, A Hypoxia-Activated Prodrug with or without Bortezomib in Subjects with Relapsed/Refractory Multiple Myeloma. *Clinical Cancer Research*. 2019 Jan; 25(2):478-486. (second author)
9. Ghobrial IM, **Liu CJ**, Redd RA, Perez RP, Baz R, Zavidij O, Sklaventis-Pistofidis R, Richardson PG, Anderson KC, Laubach J, Henrick P, Savell A, Reyes K, Hornburg K, Chuma S, Sabbatini P, Robbins MD, Becker PS. A Phase Ib/II Trial of the First-in-Class Anti-CXCR4 Antibody Ulocuplumab in Combination with Lenalidomide or Bortezomib Plus Dexamethasone in Relapsed Multiple Myeloma. *Clinical Cancer Research*. 2020 Jan 15; 26(2):344-353. (second author)
10. Ghobrial IM, **Liu CJ**, Zavidij O, Azab AK, Baz R, Laubach JP, Mishima Y, Armand P, Munshi NC, Basile F, Constantine M, Vredenburgh J, Boruchov A, Crilly P, Henrick PM, Hornburg KTV, Leblebian H, Chuma S, Reyes K, Noonan K, Warren D, Schlossman R, Paba-Prada C, Anderson KC, Weller E, Trippa L, Shain K, Richardson PG. Phase I/II trial of the CXCR4 inhibitor plerixafor in combination with bortezomib as a chemosensitization strategy in relapsed/refractory multiple myeloma. *American Journal of Hematology*. 2019 Nov; 94(11):1244-1253. (second author)

### Others

11. Lai TY, Hu YW, Wang TH, Chen JP, Shiao CY, Huang PI, Lai IC, Tseng LM, Huang N, **Liu CJ**\*. Association of Radiation Dose to Cardiac Substructures with Major Ischaemic Events Following Breast Cancer Radiotherapy. *European Heart Journal*. 2023 Dec; 44(45):4796-4807. (corresponding author)
12. Chien CY, Lee YL, Jeng MJ, **Liu CJ**\*. Using Computed Tomography to Evaluate Anatomic Landmarks in Taiwanese Trauma Patients for Insertion of Resuscitative Endovascular Balloon Occlusion of the Aorta: A Retrospective Cohort Study. *International Journal of Surgery*. 2024 Sep; 110(12):7900-7908. (corresponding author)
13. Lai TY, Hu YW, Wang TH, Chen JP, Shiao CY, Huang PI, Lai IC, Liu YM, Huang CC, Tseng LM, Huang N, **Liu CJ**\*. Estimating the risk of major adverse cardiac events following radiotherapy for left breast cancer using a modified generalized Lyman normal-tissue complication probability model. *Breast*. 2024 Oct; 77:103788. (corresponding author)
14. Manier S, Park J, Capelletti M, Bustoros M, Freeman SS, Ha G, Rhoades J, **Liu CJ**, Huynh D, Reed SC, Gydush G, Salem KZ, Rotem D, Freymond C, Yosef A, Perilla-Glen A, Garderet L, Van Allen EM, Kumar S, Love JC, Getz G, Adalsteinsson VA, Ghobrial IM. Whole-exome sequencing of cell-free DNA and circulating tumor cells in multiple myeloma. *Nature Communications*. 2018 Apr; 9(1):1691.

15. Takagi S, Tsukamoto S, Park J, Johnson KE, Kawano Y, Moschetta M, **Liu CJ**, Mishima Y, Kokubun K, Manier S, Salem KZ, Huynh D, Sacco A, Forward J, Roccaro AM, Battinelli EM, Ghobrial IM. Platelets Enhance Multiple Myeloma Progression via IL-1 $\beta$  Upregulation. *Clinical Cancer Research*. 2018 May; 24(10):2430-2439.
16. Manier S, Huynh D, Shen YJ, Zhou J, Yusufzai T, Salem KZ, Ebright RY, Shi J, Park J, Glavey SV, Devine WG, **Liu CJ**, Leleu X, Quesnel B, Roche-Lestienne C, Snyder JK, Brown LE, Gray N, Bradner J, Whitesell L, Porco JA Jr, Ghobrial IM. Inhibiting the oncogenic translation program is an effective therapeutic strategy in multiple myeloma. *Science Translational Medicine*. 2017 May; 10;9(389):eaal2668.
17. Chao TF, **Liu CJ**, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Liao JN, Chung FP, Chen TJ, Lip GYH, Chen SA. Oral Anticoagulation in Very Elderly Patients With Atrial Fibrillation: A Nationwide Cohort Study. *Circulation*. 2018 Jul; 138(1):37-47.
18. Chao TF<sup>1</sup>, **Liu CJ**<sup>1</sup>, Liao JN, Wang KL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chung FP, Chen TJ, Lip GY, Chen SA. Use of Oral Anticoagulants for Stroke Prevention in Patients With Atrial Fibrillation Who Have a History of Intracranial Hemorrhage. *Circulation*. 2016 Apr; 133(16):1540-7. (co-first author)
19. Chao TF<sup>1</sup>, **Liu CJ**<sup>1</sup>, Wang KL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chen TJ, Lip GY, Chen SA. Should Atrial Fibrillation Patients With 1 Additional Risk Factor of the CHA<sub>2</sub>DS<sub>2</sub>-VASc Score (Beyond Sex) Receive Oral Anticoagulation? *Journal of the American College of Cardiology*. 2015 Feb; 65(7):635-42. (co-first author)
20. Chao TF<sup>1</sup>, **Liu CJ**<sup>1</sup>, Tuan TC, Chen SJ, Wang KL, Lin YJ, Chang SL, Lo LW, Hu YF, Chen TJ, Chiang CE, Chen SA. Rate-Control Treatment and Mortality in Atrial Fibrillation. *Circulation*. 2015 Oct; 132(17):1604-12. (co-first author)
21. **Liu CJ**<sup>1</sup>, Hong YC<sup>1</sup>, Teng CJ, Hung MH, Hu YW, Ku FC, Chen YT, Chien SH, Yeh CM, Chen TJ, Chiou TJ, Gau JP, Tzeng CH. Risk and impact of tuberculosis in patients with chronic myeloid leukemia: a nationwide population-based study in Taiwan. *International Journal of Cancer*. 2015 Apr; 136(8):1881-7. (co-first author)
22. Chien SH<sup>1</sup>, **Liu CJ**<sup>1</sup>, Hu YW, Hong YC, Teng CJ, Yeh CM, Chiou TJ, Gau JP, Tzeng CH. Frequency of surveillance computed tomography in non-Hodgkin lymphoma and the risk of secondary primary malignancies: A nationwide population-based study. *International Journal of Cancer*. 2015 Aug; 137(3):658-65. (co-first author)
23. Chen CY<sup>1</sup>, **Liu CJ**<sup>1</sup>, Feng JY, Loong CC, Liu C, Hsia CY, Hu LY, Lin NC, Hu YW, Yeh CM, Chen TJ, Yang CC. Incidence and Risk Factors for Tuberculosis After Liver Transplantation in an Endemic Area: A Nationwide Population-Based Matched Cohort Study. *American Journal of Transplantation*. 2015 Aug; 15(8):2180-7. (co-first author)
24. **Liu CJ**, Chou YJ, Teng CJ, Lin CC, Lee YT, Hu YW, Yeh CM, Chen TJ, Huang N. Association of surgeon volume and hospital volume with the outcome of patients receiving definitive surgery for colorectal cancer: A nationwide population-based study. *Cancer*. 2015 Aug; 121(16):2782-90. (first author)
25. Lee PC, Hu YW, Hu LY, Chen SC, Chien SH, Shen CC, Yeh CM, Chen CC, Lin HC, Yen SH, Tzeng CH, Chen TJ, **Liu CJ**\*. Risk of Cancer in Patients with Cholecystitis: A Nationwide Population-Based Study. *American Journal of Medicine*. 2015 Feb; 128(2):185-91. (corresponding author)
26. Chao TF<sup>1</sup>, **Liu CJ**<sup>1</sup>, Wang KL, Lin YJ, Chang SL, Lo LW, Hu YF, Tuan TC, Chen TJ, Lip GY, Chen SA. Using the CHA<sub>2</sub>DS<sub>2</sub>-VASc Score for Refining Stroke Risk Stratification in 'Low-Risk' Asian Patients With Atrial Fibrillation. *Journal of the American College of Cardiology*. 2014 Oct; 21;64(16):1658-65. (co-first author)
27. Kuan AS, Teng CJ, Wu HH, Su VY, Chen YT, Chien SH, Yeh CM, Hu LY, Chen TJ, Tzeng CH, **Liu CJ**\*. Risk of ischemic stroke in patients with ovarian cancer: a nationwide population-based study. *BMC Medicine*. 2014 Mar; 12:53. (corresponding author)
28. **Liu CJ**<sup>1</sup>, Yu YB<sup>1</sup>, Teng CJ, Hung YP, Hu YW, Hong YC, Chen TJ, Chiou TJ, Tzeng CH, Hsu HC, Gau JP. Increased cancer risk in patients with haemophilia A: a nationwide population-based 14-year study in Taiwan. *Haemophilia*. 2014 Nov; 20(6):741-6. (co-first author)
29. Su VY, Hu YW, Chou KT, Ou SM, Lee YC, Lin EY, Chen TJ, Tzeng CH, **Liu CJ**\*. Amiodarone and the risk of cancer: A nationwide population-based study. *Cancer*. 2013 May; 119(9):1699-705. (corresponding author)
30. Lee PC, Hu YW, Hung MH, Chen CC, Lin HC, Lee FY, Hung YP, Yi-Fong Su V, Yen SH, Tzeng CH, Chiou TJ, **Liu**

- CJ\***. The risk of cancer in patients with benign anal lesions: A nationwide population-based study. **American Journal of Medicine**. 2013 Dec; 126(12):1143.e9-18. (corresponding author)
31. Liu YC, Lin TA, Fan NW, Ko PS, Wang HY, Tsai CK, Chien SH, **Liu CJ**, Hsiao LT. Incidence and impact of invasive fungal infection comparing post-transplant cyclophosphamide with cyclosporine plus methotrexate GVHD prophylaxis in allogeneic HSCT. **Journal of Microbiology Immunology and Infection**. 2025 Apr; 58(2):226-232.
  32. Teng CJ, Yeh CM, **Liu CJ**, Chen TJ, Huang Nicole, Chou YJ. Pregnancy among thyroid cancer survivors: do thyroidectomy and radioactive iodine matter? **Postgraduate Medical Journal**. 2025 Jun; 101(1197):636-643.
  33. Wu YW, Wei CH, Lin YH, Huang SY, Liu YW, Tan TD, Yu WC, **Liu CJ**, Lung CL, Ko PS, Yang NI, Cho SF, Huang CY, Liao CK, Teng CLJ, Chen TY, Chen WJ, Ko BS. Joint position statement of the diagnosis and management of light chain amyloidosis and light chain cardiac amyloidosis by the Taiwan Society of Cardiology (TSOC) and the Hematology Society of Taiwan (HST). **Journal of the Formosan Medical Association**. 2025 May; S0929-6646(25)00217-7.
  34. Ho YC, Chang MC, Lin WY, Wu CY, Liu SY, Chuang C, Juan CH, **Liu CJ**, Lin YT. Prognostic factors of disease progression in patients with mild-to-moderate COVID-19 on early remdesivir treatment in Taiwan. **Journal of Infection and Public Health**. 2025 May; 18(5):102705.
  35. Lin WY, Tsai CK, Yeh CM, **Liu CJ\***. Identifying risk factors for methotrexate-induced acute kidney injury despite full prevention in patients with primary central nervous system lymphoma. **Toxicology and Applied Pharmacology**. 2025 Sep; 502:117436. (corresponding author)
  36. Yang TH, Tsai CK, Wang HY, Ko PS, Chien SH, Lin TA, Chen WC, Hsu TL, Yeh CM, Lu CI, Lin WJ, Chen YJ, **Liu CJ\***, Liu CY\*. Early Prediction of Platelet Recovery with Immature Platelet Fraction in Patients Receiving Hematopoietic Stem Cell Transplantation. **Annals of Hematology**. 2024 Nov; 103(11):4661-4670. (co-corresponding author)
  37. Huang JP, Yeh CM, Gong YW, Tsai MH, Lin YT, Tsai CK, **Liu CJ\***. Risk and Impact of Cytomegalovirus Infection in Lymphoma Patients Treated with Bendamustine. **Annals of Hematology**. 2024 Oct; 103(10):4099-4109. (co-corresponding author)
  38. Chang MC, Wu PF, Ho YC, Lin WY, Wu CY, Liu SY, **Liu CJ\***, Lin YT\*. Clinical outcomes and safety of remdesivir in hospitalized individuals with COVID-19, with or without severe renal impairment. **Journal of Infection and Public Health**. 2024 Jul; 17(7):102460. (co-corresponding author)
  39. Lee CH, Lin TC, Yao M, Hsiao LT, Ko BS, **Liu CJ**, Chen TY. Allogeneic hematopoietic stem cell transplantation for B-cell lymphoma in Taiwan. **Cancer Medicine**. 2023 Dec; 12(24):21761-21769.
  40. Wu CY, Yeh CM, Tsai CK\*, **Liu CJ\***. The Influence of Hospital Volume and Physician Volume on Early mortality in Acute Promyelocytic Leukemia Patients. **Annals of Hematology**. 2024 May; 103(5):1577-1586. (co-corresponding author)
  41. Hsu TL, Tsai CK, Liu CY, Yeh CM, Lin FL, Hsiao LT, Liu YC, Chien SH, Wang HY, Ko PS, Lin TA, Chen WC, Chen PM, Liu JH, Gau JP, **Liu CJ\***. Risk Factors of Early Disease Progression and Decreased Survival for Multiple Myeloma Patients After Upfront Autologous Stem Cell Transplantation. **Annals of Hematology**. 2024 Aug; 103(8):2893-2904. (corresponding author)
  42. Yeh CM, Lai TY, Hu YW, Teng CJ, Huang N\*, **Liu CJ\***. The Impact of Surgical Volume on Outcomes in Newly Diagnosed Colorectal Cancer Patients Receiving Definitive Surgeries. **Scientific Reports**. 2024 Apr; 14(1):8227. (co-corresponding author)
  43. Huang YC, Hsiao FY, Guan ST, Yao M, **Liu CJ**, Chen TT, Lin TL, Liu YC, Chen TY, Hong YC, Ma MC, Tan TD, Wang CC, Wu YY, Liao PW, Wu YF, Chen YY, Yu YB, Hsieh YY, Lee MY, Liu JH, Lin SW, Ko BS. Ten-year epidemiology and risk factors of cytomegalovirus infection in hematopoietic stem cell transplantation patients in Taiwan. **Journal of Microbiology, Immunology and Infection**. 2024 Mar; S1684-1182(24)00043-4.
  44. Hu YW, Yeh CM, **Liu CJ**, Chen TJ, Huang N, Chou YJ. Severity of Complications and Duration of Type 2 Diabetes and the Risk of Cancer: A Population-based Study. **Cancer Epidemiology, Biomarkers & Prevention**. 2024 May; 33(5):739-748.
  45. Huang CT, Wang TJ, Kuo LK, Tsai MJ, Cia CT, Chiang DH, Chang PJ, Chong IW, Tsai YS, Chu YC, **Liu CJ**, Chen

- CH, Pai KC, Wu CL. Federated machine learning for predicting acute kidney injury in critically ill patients: a multicenter study in Taiwan. *Health Information Science and Systems*. 2023 Oct; 11(1):48.
46. Hu YW, Yeh CM, **Liu CJ**, Chen TJ, Huang N, Chou YJ\*. Adapted Diabetes Complications Severity Index and Charlson Comorbidity Index in predicting all-cause and cause-specific mortality among patients with type 2 diabetes. *BMJ Open Diabetes Research & Care*. 2023 Mar; 11(2):e003262.
  47. Wang HY, Yang CF, Lin CH, Hsiao LT, Ko PS, Liu YC, Chiou TJ, Chen PM, Gau JP, Liu JH, **Liu CJ**\*. Long-term outcomes of frontline intensification in primary CNS lymphoma: A real-world single-center experience. *Cancer Medicine*. 2023 Apr; 12(7):8089-8101. (corresponding author)
  48. Lin WY, Tsai CK, Yeh CM, Chian T, Liu YC, Wang HY, Ko PS, Lin TA, Hsiao LT, Chen PM, Gau JP, **Liu CJ**\*. Herpes zoster prophylaxis: Essential for treating newly diagnosed multiple myeloma patients. *Cancer Medicine*. 2023 Feb; 12(3):3013-3026. (corresponding author)
  49. Jiang JG, **Liu CJ**, Yeh CM, Yang CF, Liu YC, Wang HY, Ko PS, Chen PM, Yu YB, Gau JP, Tsai CK. Prognostic factors in patients with bone marrow hemophagocytosis and its association with hematologic malignancies. *Hematological Oncology*. 2023 Feb; 41(1):167-177. (corresponding author)
  50. Hsu TL, Tsai CK, Liu CY, Yeh CM, Lin FL, Hsiao LT, Liu YC, Wang HY, Ko PS, Lin TA, Chen WC, Chen PM, Liu JH, Gau JP, **Liu CJ**\*. Risk Factors and Outcomes of Stem Cell Mobilization Failure in Multiple Myeloma Patients. *Transfusion Medicine and Hemotherapy*. 2022 Sep; 50(1):39-50. (corresponding author)
  51. Liu YC, Su CW, Ko PS, Lee RC, **Liu CJ**, Huang YH, Gau JP, Liu JH. A clinical trial with valproic acid and hydralazine in combination with gemcitabine and cisplatin followed by doxorubicin and dacarbazine for advanced hepatocellular carcinoma. *Asia-Pacific Journal of Clinical Oncology*. 2022 Feb; 18(1):19-27.
  52. Tsai CK, Yeh CM, Hsu TL, Li CJ, Chian T, Hsiao LT, Liu YC, Wang HY, Ko PS, Chen PM, Liu JH, Gau JP, **Liu CJ**\*. Underweight as a risk factor of mortality in patients with newly diagnosed multiple myeloma. *Supportive Care in Cancer*. 2021 Jul; 29(7):3991-3999. (corresponding author)
  53. Tsai CK, Yeh CM, Hong YC, Chen PM, Liu JH, Gau JP, **Liu CJ**\*. The influence of high-efficiency particulate air filtration on mortality among multiple myeloma patients receiving autologous stem cell transplantation. *Scientific Reports*. 2021 Jun; 11(1):11789. (corresponding author)
  54. Yeh CM, Chou YJ, Lin SK, **Liu CJ**, Huang N. Patient-Sharing Relationship Between Chinese Medicine Doctors and Other Physicians, Costs and Outcomes of Breast Cancer Survivorship Care. *Journal of Cancer Survivorship*. 2021 Dec; 15(6):922-932.
  55. Shun-Ku Lin SK, Wu CT, Chou HJ, **Liu CJ**, Ko FY, Huang CH, Lai JN. The dynamics of patient visits to traditional Chinese medicine during the 2019 coronavirus pandemic. *BMC Complementary Medicine and Therapies*. 2021 Feb; 19;21(1):70.
  56. Lin CH, Lin CY, Fan KH, Hung SP, Chou YC, **Liu CJ**, Chou WC, Chen YC, Huang SF, Kang CJ, Chang KP, Wang HM, Cheng AJ, Chang JTC. Efficacy of Postoperative Unilateral Neck Irradiation in Patients with Buccal Mucosa Squamous Carcinoma with Extranodal Extension: A Propensity Score Analysis. *Cancers (Basel)*. 2021 Nov; 13(23):5997.
  57. **Liu CJ**, Lin SY, Yang CF, Yeh CM, Kuan AS, Wang HY, Tsai CK, Gau JP, Hsiao LT, Chen PM, Liu YC, Ko PS, Liu JH, Lin CH. A New Prognostic Score for Disease Progression and Mortality in Patients with Newly Diagnosed Primary CNS Lymphoma. *Cancer Medicine*. 2020 Mar; 9(6):2134-2145. (first author)
  58. **Liu CJ**\*, Hong YC, Kuan AS, Yeh CM, Tasi CK, Liu YC, Hsiao LT, Wang HY, Ko PS, Chen PM, Liu JH, Gau JP. The Risk of Early Mortality in Elderly Patients with Newly Diagnosed Acute Myeloid Leukemia. *Cancer Medicine*. 2020 Feb; 9(4):1572-1580. (first and corresponding author)
  59. Tsai CK, Liu YC, Kuan AS, Lee KL, Yeh CM, Lee YT, Hsiao LT, Ko PS, Wang HY, Chen PM, Liu JH, Hong YC, **Liu CJ**\*. Gau JP. Risk and impact of invasive fungal infections in patients with multiple myeloma. *Annals of Hematology*. 2020 Aug; 99(8):1813-1822. (corresponding author)
  60. Chien SH, Liu YC, **Liu CJ**, Ko PS, Wang HY, Hsiao LT, Lin JS, Chiou TJ, Liu CY, Gau JP. European Group for Blood and Marrow Transplantation score correlates with outcomes of older patients undergoing allogeneic hematopoietic stem cell transplantation. *Journal of the Chinese Medical Association*. 2020 Mar; 83(3):238-244.
  61. Liu YC, Lin TA, Wang HY, Ko PS, **Liu CJ**, Hsiao LT, Chien SH, Gau JP. Pralatrexate as a bridge to allogeneic hematopoietic stem cell transplantation in a patient with advanced-stage extranodal nasal-type natural

killer/T cell lymphoma refractory to first-line chemotherapy: a case report. **Journal of Medical Case Reports**. 2020 Mar; 17;14(1):43.

62. Liu YC, Wu CJ, Ko PS, Chien SH, Fan NW, Wang HY, Gau JP, **Liu CJ**, Hsiao LT, Chiou TJ, Liu CY, Liu JH. Mycobacterial infections in adult recipients of allogeneic hematopoietic stem cell transplantation: A cohort study in a high endemic area. **Journal of Microbiology Immunology and Infection**. 2020 Apr; 53(2):274-282.
63. Lin CH, Chou WC, Wu YY, Lin CY, Chang KP, Liao CT, Ho TY, Yeh CM, **Liu CJ**, Hung SP, Lee CH, Chen PJ, Chou YC, Fan KH, Huang BS, Chang JT, Wang CC, Tsang NM. Prognostic significance of dynamic changes in lymphocyte-to-monocyte ratio in patients with head and neck cancer treated with radiotherapy: results from a large cohort study. **Radiotherapy and Oncology**. 2020 Sep; 14;154:76-86.
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### Reply Letter

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### Letter

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#### **Brief Report**

1. Chiang CH<sup>1</sup>, **Liu CJ**<sup>1</sup>, Huang CC, Chan WL, Huang PH, Chen YH, Chen TJ, Chung CM, Lin SJ, Chen JW, Leu HB\*. Systemic sclerosis and risk of ischemic stroke: a nationwide cohort study. *Rheumatology*. 2013 Jan; 52(1):161-5. (co-first author)

#### **Abstracts, poster presentations and exhibits presented at professional meetings:**

1. **Liu CJ**, Hsu TL, Tsai CK. The Impact and Risk Factors of Venous Thromboembolism in Patients with Acute Myeloid Leukemia. (2025) Poster presentation at the 33rd Congress of the International Society on Thrombosis and Haemostasis.
2. **Liu CJ**, Hsu TL, Tsai CK, Yeh CM, Hsiao LT. Risk Factors for Mortality in Elderly Multiple Myeloma Patients Undergoing Autologous Stem Cell Transplantation: A Comparative Age-Stratified Analysis. (2025) Poster presentation at the 9th International Congress of BMT 2025 (ICBMT2025).
3. **Liu CJ**, Hsu TL, Tsai CK, Chen PM, Hsiao LT. Risk factors for venous thromboembolism in multiple myeloma patients. (2024) Poster presentation at the 32nd Congress of the International Society on Thrombosis and Haemostasis.
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5. **Liu CJ**, Hsu TL, Tsai CK, Liu YC, Wang HY, Ko PS, Lin TA, Chen PM, Liu JH, Hong YC, Gau JP. The Impact of Venetoclax on Early Mortality in Elderly Patients with Newly Diagnosed Acute Myeloid Leukemia. (2024) Poster presentation at the 86st Annual Meeting of the Japanese Society of Hematology (JSH2024).
6. **Liu CJ**, Tsai CK, Hsu TL, Wang HY. The Impact and Risk Factors of Venous Thromboembolism in Patients with Acute Myeloid Leukemia. (2024) Poster presentation at The 33rd Congress of the International Society on Thrombosis and Haemostasis (ASH2024).
7. **Liu CJ**, Yeh CM, Liu JH, Gaul JP, Hsiao LT, Ko PS, Yu YB, Chen PM. Cancer risk in patients with hemophilia: A nationwide population-based 19-year study in Taiwan. (2023) Poster presentation at 2023 East Asia Hemophilia Forum.
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9. **Liu CJ**, Wu CY, Yeh CM, Tsai CK. Experienced Physicians Can Prevent Early Mortality in Patients with Acute Promyelocytic Leukemia. (2023) Poster presentation at the 85st Annual Meeting of the Japanese Society of Hematology (JSH2023).
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  20. **Liu CJ**, Chou YJ, Huang Nicole, Yeh CM. The Association Between Medical Expenses and Providers' Surgical Volume in Patients with Colorectal Cancer. (2017) Oral presentation at the 12th World Congress of the International Health Economics Association.
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  23. **Liu CJ**, Liu YC, Zheng YM, Tsai CK, Yu YB, Hsiao LT, Tzeng CH, Chen PM, Chiou TJ, Liu JH, Gau JP. High Risk of Varicella-Zoster Virus Infection in Hematopoietic Stem Cell Transplantation Recipients in Taiwan. (2016) Poster presentation at the 7th JSH International Symposium 2016.
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30. Hsu P, Lee YT, Yeh CM, Lin TW, Liu JH, **Liu CJ**, Liu YC. Risk of invasive fungal infections in patients with multiple myeloma receiving novel therapies: a single Asian medical center study. (2015) Poster presentation at the 15th International Myeloma Workshop.
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32. **Liu CJ**, Liu YC, Yeh CM, Gau JP, Hsiao LT, Yu YB, Tzeng CH, Chen PM, Chiou TJ, Liu JH. Incidence and Impact of Tuberculosis on Hematopoietic Stem Cell Transplantation Patients in Taiwan: A Nationwide Population-Based Study. (2015) Poster presentation at the 20th Annual Congress of Asia Pacific Blood and Marrow Transplantation Group 2015.