

CURRICULUM VITAE

PERSONAL DATA

Name: **Ju-Han Liu, Ph.D.**
 Current Position: Assistant Professor
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EDUCATION

Duration	Institution & Location	Degree	Major Subject
2014-2018	National Yang Ming Chiao Tung University School of Medicine, Institute of Traditional Medicine, Taipei, Taiwan.	Ph.D.	Herbal medicine Medicine analysis Pharmacokinetics (PK) Pharmacodynamics (PD)
2010-2013	Shandong University of Traditional Chinese Medicine School of Chinese Medicine, Institute of Chinese Medicine, Jinan, China.	M.S.	Traditional Chinese medicine (TCM) Complementary Alternative Medicine (CAM)
2010-2012	China Medical University School of Chinese Medicine, Graduate Institute of Acupuncture Science, Taichung, Taiwan.	M.S.	Meridian Acupuncture Auriculotherapy
2021-2024	Shih Chien University Department of Food Science, Nutrition, and Nutraceutical Biotechnology, Taipei, Taiwan.	B.S.	Food Science, Nutrition, and Nutraceutical Biotechnology
2008-2010	National Taipei University of Nursing and Health Sciences School of Nursing, Department of Nursing, Taipei, Taiwan.	B.S.N.	science of nursery of traditional Chinese medicine

SPECIALTIES & RESEARCH INTERESTS

1. Chinese Medicine/ Herbal medicine
2. Precision Health care
3. Nutrition and Dietetic Care
4. Health care for the Elderly
5. Chronic Disease Care
6. Emergency Medical Service
7. Drug analysis of Chinese and Western medicines
8. Pharmacokinetics and Pharmacodynamics
9. Aromatherapy
10. Elderly and Long-term care
11. Taijiquan exercise intervention
12. Precision healthcare

PUBLICATIONS

Book

1. 洪麗玲、蔡君明、李仰慈、黃秀梨、潘國雄、劉茹涵、郭麗敏(2020)· 長期照顧導論 I(上冊)· 台北：教育部國民及學前教育署。(ISBN：978-986-5444-47-1, 出版日期 109 年 2 月)
2. 洪麗玲、蔡君明、李仰慈、黃秀梨、潘國雄、劉茹涵、郭麗敏(2021)· 長期照顧導論 I(下冊)· 台北：教育部國民及學前教育署。

Journals

1. Chen, H. M., Liu, J. H., Huang, C. S., Dai, M. F., & Chien, L. I. (2024, June). Moderating effect of daylight exposure on the relationship between physical activity and sleep in patients with upper digestive cancer: An exploratory study. *Seminars in Oncology Nursing*, 151659. (SCI) <https://doi.org/10.1016/j.soncn.2024.151659>
2. Gong, C. M.* , Huang, H. C.* , Liu, J. H., Yu, S. S., & Chen, Y. T. (2024). Auricular acupressure Improve constipation of patients with schizophrenia: A pilot randomized controlled study. *Biological Research for Nursing*, 10998004241236947. (SCI)
3. Lin, Y. Y., Weng, S. F., Yang, T. T., Lee, Y. W., Liu, J. H., & Hsieh, Y. S. (2024). Unusual body weight loss due to primary hyperparathyroidism: A case study with literature review. *Heliyon*, 10(6), e28333. (SCI)

4. Pranata, S., Wu, S. F. V., Armiyati, Y., Shing, L. C., & **Liu, J. H.** (2023). Patient preferences in diabetes care: a bibliometric analysis. *Babcock University Medical Journal*, 6(2), 237-246.
5. Pranata, S., Wu, S. F. V., Armiyati, Y., Khoiriyah, K., Shing, L. C., **Liu, J. H.** (2023). Implementing Precision Health Care Program at Hospitals in Indonesia. *Journal of Research and Health*, 13(6), 457-466.
6. **Liu, J. H.*** & Wangs, T. J. (2023). Medical application and practice guidelines for the adjuvant treatment of far-infrared to chronic wounds of the lower limbs. *Taiwan Union of Nurses Association*, 154, 1-5.
7. Wu, S. F., Hsieh, N. C., Wangs, T. J., Tsai, J. M., Liang, S. Y., & **Liu, J. H.*** (2021). Literature review to investigate the conception and clinical application of precision healthcare. *Journal of Healthcare Management*, 22(4), 261-283. (Index Medicus)
8. **Liu, J. H.**, Hsieh, C. H., Liu, C. Y., Chang, C. W., Chen, Y. J., and Tsai, T. H. (2021). Anti-inflammatory effects of Radix Aucklandiae herbal preparation ameliorate intestinal mucositis induced by 5-fluorouracil in mice. *Journal of Ethnopharmacology*, 113912. (SCI)
9. Pranata, S., Wu, S. F. V., Alizargar, J., **Liu, J. H.**, Liang, S. Y., & Lu, Y. Y. (2021). Precision health care elements, definitions, and strategies for patients with diabetes: a literature review. *International Journal of Environmental Research and Public Health*, 18(12), 6535. (SCI)
10. **Liu, J. H.**, Tsai, T. H., Chen, Y. J., Wang, L. Y., Liu, H. Y., and Hsieh, C. H. (2020). Local Irradiation Modulates the Pharmacokinetics of Metabolites in 5-Fluorouracil—Radiotherapy—Pharmacokinetics Phenomenon. *Frontiers in pharmacology*, 11. (SCI)
11. Lee, M. C., Wu, S. F., Lu, K. C., Liu, C. Y., Liu, W. I., **Liu, J. H.** (2020). The effect of a self-management program on renal function control in patients with hemodialysis in Taiwan: A longitudinal randomized controlled trial. *Japan Journal of Nursing Science*, 17(4), e12345. (SCI)
12. **Liu, J. H.**, Cheng, Y. Y., Hsieh, C. H., and Tsai, T. H. (2018). The Herb–Drug Pharmacokinetic Interaction of 5-Fluorouracil and Its Metabolite 5-Fluoro-5, 6-

- Dihydrouracil with a Traditional Chinese Medicine in Rats. *International Journal of Molecular Sciences*, 19, 25. (SCI)
13. **Liu, J. H.**, Cheng, Y. Y., Hsieh, C. H., and Tsai, T. H. (2017). Identification of a Multicomponent Traditional Herbal Medicine by HPLC–MS and Electron and Light Microscopy. *Molecules*, 22, 2242. (SCI)
 14. **Liu, J. H.** (2018). *Development of high performance liquid chromatography tandem mass spectrometry to analyze the ethnopharmacokinetics of Xiang-Sha-Liu-Jun-Zi-Tang decoction and ameliorate the effect of intestinal mucosal injury after chemotherapy*. [Unpublished doctoral dissertation]. National Yang Ming Chiao Tung University.
 15. **Liu, J. H.** (2012). *Effects of auricular pellet acupuncture on weight reduction and heart rate variability*. [Unpublished master's thesis]. China Medical University.

Conference

1. **Ju-Han Liu***(2023, September, 29). The construction of whole-person precise integrated traditional Chinese and western treatment, medication safety and healthcare model. Oral presentation at the Shin Kong Wu Ho-Su Memorial Hospital. In the Shin Kong Wu Ho-Su Memorial Hospital and six schools research results presentation conference, Taiwan. (oral presentation)
2. 潘怡旻、**劉茹涵*** (2023年6月16日)。台灣台北(國立臺北護理健康大學)：運用耳穴貼壓療法於腦中風後失眠長者其睡眠品質之成效：2023 國際護理菁英論壇暨護理實務與教育共構學術論文研討會。(poster presentation)
3. **Ju-Han Liu***(2023, January, 17). An overview of the Current Status of Medical Artificial Intelligence Development in TCM. Oral presentation at the Taipei Veterans General Hospital. In the Digital transformation in health care and education setting conference, Taiwan. (oral presentation)
4. **Ju-Han Liu***(2021, August, 28). Online workshop & training of manuscript preparation for International nursing publication. Oral presentation at the Muhammadiyah University of Semarang, titled "How to Select a Journal Target and Submission Procedure to the international nursing journal", Indonesia. (oral presentation)
5. **Ju-Han Liu***, Chen-Hsi Hsieh, Chia-Yuan Liu, Ching-Wei Chang, Yu-Jen Chen and

- Tung-Hu Tsai (2021, March, 16). Anti-inflammatory effects of Radix aucklandiae herbal preparation ameliorate intestinal mucositis induced by 5-fluorouracil in mice. Oral session presented at National Taiwan University, titled " the 4th World Congress and Expo on Traditional and Alternative Medicine", Taipei City, Taiwan. (oral presentation)
6. **Ju-Han Liu***, Shu-Fang Vivienne Wu, Nan-Chen Hsieh, Ying Lin (2018, October, 27). A new initiative on precision care for older adults with multiple chronic conditions: an integrative review. Poster session presented at Nursing Research Institute, titled "Chronic Illness Management: Focused on Innovation, Collaboration & Diversity", Korea. (poster presentation)
 7. **Ju-Han Liu***, Cheng, Y. Y., Hsieh, C. H., and Tsai, T. H. (2018, June, 15). The Herb-Drug Pharmacokinetic Interaction of 5-Fluorouracil and 5-Fluoro-5,6-Dihydrouracil with a Traditional Chinese Medicine in Rats. in 2018 National Yang Ming University Academic Symposium. Taipei, Taiwan: National Yang Ming University. (poster presentation)
 8. **劉茹涵***、謝忱希、蔡東湖 (2016 年 5 月 22 日)。台灣高雄(高雄醫學大學)：中草藥與化療藥物 5-FU 之藥物交互作用研究：第二十二屆分析學術交流研討會。(oral presentation)
 9. **Ju-Han Liu***, Tung-Hu Tsai (2015, September, 2-4). Development of high-performance liquid chromatography tandem mass spectrometry to analyze the herbal medicine of Xiang-Sha-Liu-Jun-Zi-Tang decoction. in the 10th Balaton Symposium on High-Performance Separation Methods. Siofok, Hungary: PLCGC Europe. (poster presentation)
 10. **劉茹涵***、陳方周、沈淵瑤 (2012 年 1 月 15 日)。台中：探討耳穴貼壓減重療法的療效及對心率變異度的相關性：中國醫藥大學。(poster presentation)
 11. **Ju-Han Liu***, Jaung-Geng Lin (2011, August, 4). Acupuncture analgesia research in Taiwan. in the 2011 international student symposium on oriental medicine. Seoul, South Korea: Kyung Hee University. (oral presentation)
 12. **Ju-Han Liu***, Jaung-Geng Lin (2011, August, 12). Acupuncture analgesia research in Taiwan. in the 2011 Taiwan-Korea international student symposium on oriental medicine. Busan, South Korea: Pusan National University. (oral presentation)