

CURRICULUM VITAE

Chung-Yu Chen, Ph.D.



Academic career:

2016-	Assistant Professor of Pharmacy	School of Pharmacy	Kaohsiung Medical University
2016-2014	Assistant Researcher	Department of Pharmacy	Kaohsiung Medical University Hospital
2009-2013	Pharmacist	Department of Pharmacy	Antai Medical Care Cooperation Antai Tian-Sheng Memorial Hospital

Education:

	<u>Institution</u>	<u>Date</u>	<u>Degree</u>
Graduate or Professional School	School of Pharmacy, Kaohsiung Medical University, Kaohsiung, Taiwan	2004-2008	Bachelor.
	Graduate of Clinical Pharmacy, Kaohsiung Medical University, Kaohsiung, Taiwan	2008-2010	M.S.
	School of Pharmacy, Kaohsiung Medical University, Kaohsiung, Taiwan	2010-2013	Ph.D.

Experience:

Teaching Courses

1. Dispensing Pharmacy Laboratory
2. Dispensing Pharmacy
3. Clinical Pharmacokinetics
4. Pharmacoepidemiology

Research Area

1. Clinical pharmacy
2. Outcome research
3. Qualitative research
4. Evidence-based medicine
5. Pharmacoepidemiology
6. Healthy economics

Research Focus

My core research area is comparative safety and effectiveness of medications in special populations such as elderly with chronic conditions (especially cardiovascular disease, liver diseases, and renal diseases). Multiple challenges exist in conducting comparative effectiveness studies using observational data. I use, promote, and develop/test epidemiology design issues as well as advanced statistical methods to conduct valid observational studies. Substantive areas of interests include cardiovascular drugs, cerebrovascular events and cancer as safety endpoints, and methodological issues in observational studies for comparative effectiveness research including implication and control for various bias (misclassification bias, selection bias, and confounding bias), methods and validity of record linkage to improve data sources, and special methodological issues in medicine.

Refereed journals:

1. Kuang-Ming Liao, Chung-Yu Chen*, Shih-Han Wang, Jiann-Woei Huang, ChenChun Kuo, and Yaw-Bin Huang (2016, Aug). A retrospective observational study to assess prescription pattern in patients with type B aortic dissection and treatment outcome. *BioMed Research International*, 2016, 5173898.
2. Chung-Yu Chen, Kuang-Ming Liao* (2016, May). Chronic obstructive pulmonary disease is associated with risk of chronic kidney disease: A nationwide case-cohort study. *Scientific Reports* , 6;25855.
3. Wei-Chung Tsai, Yaw-Bin Haung, Hsuan-Fu Kuo, Wei-Hua Tang, Po-Chao Hsu, Ho-Ming Su, Tsung-Hsien Lin, Chih-Sheng Chu, Shih-Jie Jhuo, Kun-Tai Lee, Sheng-Hsiung Sheu, Chung-Yu Chen*, Ming-Tsang Wu, Wen-Ter Lai (2016, Apr). Hormone replacement therapy and risk of atrial fibrillation in Taiwanese menopause women: A nationwide cohort study . *Scientific Reports* , 6;24132.
4. Wen-Chuan Huang, Chung-Yu Chen, Shun-Jin Lin and Chao-Sung Chang (2016, Mar). Medication adherence to oral anticancer drugs: systematic review. *Expert Review OF Anticancer Therapy*, 16(4);423–432.
5. Kuo-Hua Yu, Hui-Liang Tsao, Shun-Jin Lin, Chung-Yu Chen* (2016, Jan).

- Quantitative Analysis of Insulin in Total Parenteral Nutrition Bag in Taiwan. *Journal of Food and Drug Analysis*, 24(1);214-219.
6. Tzu-Lin Yang, Mei-Chiou Shen, Ming-Lung Yu, Yaw-Bin Huang and Chung-Yu Chen* (2016, Jan). Acute pancreatitis in patients with type 2 diabetes mellitus treated with dipeptidyl peptidase-4 inhibitors. *Journal of Food and Drug Analysis*.
 7. Yu-Ting Wu, Chung-Yu Chen*, Wen-Ter Lai, Chen-Chun Kuo, and Yaw-Bin Huang* (2015, Nov). Increasing risks of ischemic stroke in oral cancer patients treated with radiotherapy or chemotherapy: a nationwide cohort study. *International Journal of Neuroscience*, 126(11),808-816.
 8. Ming-Jun Tsai, Chung-Yu Chen, Yaw-Bin Huang, Hsiao-Chung Chao, Chih-Jen Yang, Pei-Jin Lin, and Yi-Hung (2015, Dec). Long-acting inhaled bronchodilator and risk of vascular events in patients with chronic obstructive pulmonary disease in Taiwan population. *Medicine*. (Accepted).
 9. Chung-Yu Chen, Kuang-Ming Liao (2015, Sep). The Incidence of Deep Vein Thrombosis in Asian Patients with Chronic Obstructive Pulmonary Disease. *Medicine*, 94(44):e1741.
 10. Shih-Wei Wang, Yaw-Bin Huang, Jiann-Woei Huang, Chaw-Chi Chiu, Wen-Ter Lai, Chung-Yu Chen* (2015, Oct). Epidemiology, clinical features and prescribing patterns of aortic aneurysm in Asian population from 2005 to 2011. *Medicine*, 94(41):e1716.
 11. Ting-Yu Yeh, Chung-Yu Chen*, Jiann-Woei Huang, Chaw-Chi Chiu, Wen-Ter Lai, Yaw-Bin Huang (2015, Sep). Epidemiology and Medication Utilization Pattern of Aortic Dissection in Taiwan: A Population-Based Study. *Medicine*, 94(36):e1522.
 12. Kuo-Hua Yu, Hui-Liang Tsao, Shun-Jin Lin, Chung-Yu Chen* (2015, Aug). Quantitative Analysis of Insulin in Total Parenteral Nutrition Bag in Taiwan. *Journal of Food and Drug Analysis*. (Accepted). In Press
 13. Chin-Wei Hsu, Yaw-Bin Huang*, Chung-Yu Chen* (2015, Jul). Effect of antithrombotic and antiplatelet agents for ischemic stroke in atrial fibrillation patients with dialysis. *International Journal of Cardiology*, 190,349.
 14. Chung-Yu Chen *. Response to: Kawada et al. Effectiveness and safety of antiplatelet in stroke patients with ESRD undergoing dialysis. *International Journal of Stroke*, 10(1):E10.
 15. Wen-Jung Chung, Chung-Yu Chen*, Fan-Yen Lee, Chia-Chen Wu, Shu-Kai Hsueh, Cheng-Jei Lin, Chi-Ling Hang, Chiung-Jen Wu, Cheng-I Cheng* (2015, Jun). Validation of Scoring Systems that Predict Outcomes in Patients with Coronary Artery Disease Undergoing Coronary Artery Bypass Grafting Surgery. *Medicine*, 94(23):e927.
 16. Chung-Yu Chen, Kun-Tai Lee, Charles Tzu-Chi Lee, Wen-Ter Lai*, Yaw-Bin Huang*. Effectiveness and safety of antiplatelet in stroke patients with ESRD undergoing dialysis. *International Journal of Stroke*, 9(5):580-90.
 17. Chung-Yu Chen, Jiann-Woei Huang, Charles Tzu-Chi Lee, Wen-Ter Lai, and Yaw-Bin Huang*. Long-Term Outcome of Patients with Aortic Aneurysms Taking Low-Dose Aspirin: A Population-Based Cohort Study. *Journal of Investigative Medicine*, 61(6); 954-963.
 18. Chung-Yu Chen, Yaw-Bin Huang, Charles Tzu-Chi Lee*. Epidemiology and disease burden of ischemic stroke in Taiwan. *International Journal of Neuroscience*, 123 (7); 165-173.
 19. Chung-Yu Chen, Kun-Tai Lee, Charles Tzu-Chi Lee, Wen-Ter Lai, Yaw-Bin Huang*. Epidemiology and disease burden of ulcerative colitis in Taiwan: A nationwide population-based study. *Value in Health Regional Issues*,

- 2(1):127-134.
20. Chung-Yu Chen, Kun-Tai Lee, Charles Tzu-Chi Lee, Wen-Ter Lai and Yaw-Bin Huang*. Epidemiology and Clinical Characteristics of Congenital Hypothyroidism in an Asian Population: A Nationwide Population-Based Study. *Journal of Epidemiology*, 23(2):85-94.
 21. Chung-Yu Chen, Kun-Tai Lee, Charles Tzu-Chi Lee, Wen-Ter Lai and Yaw-Bin Huang*. Effectiveness and safety of antiplatelet therapy in stroke recurrence prevention in patients with liver cirrhosis: a 2-year follow-up study. *Pharmacoepidemiology and Drug Safety*, 21: 1334–1343.
 22. Min-Ping Huang, Hsiu-Yu Fang, Chung-Yu Chen, Teng-Yeow Tan, Yeh-Lin Kuo, I-Chang Hsieh, Hon-Kan Yip, Chiung-Jen Wu*. Long Term Outcomes of Carotid Artery Stenting for Radiation-associated Stenosis. *Biomedical Journal*, 36(3); 135-140.
 23. Wei-Chung Tsai, Chung-Yu Chen, Hsuan-Fu Kuo, Ming-Tsang Wu, Wei-Hua Tang, Chih-Sheng Chu, Tsung-Hsien Lin, Ho-Ming Su, Po-Chao Hsu, Shih-Jie Jhuo, Ming-Yen Lin, Kun-Tai Lee, Sheng-Hsiung Sheu, Wen-Ter Lai. Areca Nut Chewing and Risk of Atrial Fibrillation in Taiwanese Men: A Nationwide Ecological Study. *International Journal of Medical Sciences*, 10(7):804-811.

Chinese Journal

1. 陳崇鈺、黃耀斌*，雙磷酸鹽類與心律不整之風險，中華民國藥師公會全國聯合會藥學雜誌 2014, 30(2):148-152.
2. Ro-Yu Chao, Hsi-Chin Chou, Chung-Yu Chen*. Pergolide-Induced Valvular Heart Disease. *Formosa Journal of Clinical Pharmacy* 2014, 22(2):117-123.
3. 蕭惠娟、陳崇鈺、沈玫秋*，亞洲人藥物代謝酵素基因多型性與抗結核藥物引起之肝毒性，*Formosa Journal of Clinical Pharmacy* 2015, 23(2):79-86.