

## CV Form

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### 個人簡歷 (No more than an A4 size paper)

#### Education/Training:

1. Bachelor, Department of Pharmacy, Taipei Medical University
2. Master and Ph.D, Institute of Pharmacology, National Yang-Ming University

#### Professional and Research Experience:

1. Assistant Professor, Associate Professor, Professor, Department of Biological Sciences, National Sun Yat-sen University
2. Research Fellow, Center for Translational Research, Kaohsiung Chang Gung Memorial Hospital
3. Professor, Director, Institute of Physiology; Vice Dean of Student Affairs, Medical School, National Cheng Kung University

#### Awards and Honors:

1. General Secretary, Toxicology Society of Taiwan
2. Council Member, The Chinese Physiological Society
3. Council Member, The Pharmacological Society in Taiwan

#### Selected Publications:

1. Hsu Y, Lin CC, Huang CH, Chang AYW. Transcranial direct current stimulation attenuates ischemic stroke-induced autonomic and behavioral dysfunction via a RAS-autophagy-iron axis in the brainstem. *J Neurochem.* 2026 Jun;170(6):e70464.
2. Chang AYW, Huang CW, Tsai PL, Liang CA, Liao WC, Fu TF, Chang HH. Leveraging the enrichment analysis from a genome-wide association study against epilepsy-focusing on the role of tryptophan catabolites pathway in patients with drug-resistant epilepsy. *Front Nutr.* 2025 Aug 6;12:1539145.
3. Lee KP, Chang AYW, Sung PS. Association between blood pressure, blood pressure variability, and post-stroke cognitive impairment. *Biomedicines.* 2021 Jul 2;9(7):773.
4. Tsai CY, Wu JCC, Fang C, Chang AYW. PTEN, a negative regulator of PI3K/Akt signaling, sustains brain stem cardiovascular regulation during mevinphos intoxication. *Neuropharmacology.* 2017 Sep 1;123:175-185.
5. Li FC, Li BP, Wu JC, Chang AY. Transition from oxidative stress to nitrosative stress in rostral ventrolateral medulla underlies fatal intoxication induced by organophosphate mevinphos. *Toxicol Sci.* 2013 Sep;135(1):202-17.