

CV Form

Name(中/英文)	Ching-Hao Li (李青濤)	照片(頭像照) 可另夾帶檔案提供 
Affiliation(s)(中/英文)	臺北醫學大學生理學科 Department of Physiology, School of Medicine, Taipei Medical University	
Current Position Title	教授兼科主任 Professor and Chairman	
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個人簡歷 (No more than an A4 size paper)

Education/Training:

國立台灣大學毒理學研究所博士

Ph.D. Graduate Institute of Toxicology, National Taiwan University

進階生物科技臨床前試驗中心副理

Associate Manager, Level Biotechnology Ltd. Preclinical Testing Center

台大醫學院博士後研究員

Postdoc Fellowship, Graduate Institute of Toxicology, National Taiwan University

台北醫學大學醫學系生理學科助理教授

Assistant Professor., Department of Physiology, Taipei Medical University

台北醫學大學醫學系生理學科副教授

Associate Professor., Department of Physiology, Taipei Medical University

第 26 屆中國生理學會秘書長

General Secretary, The Chinese Physiological Society

第 27-28 屆中國生理學會理事

Council member, The Chinese Physiological Society

Professional and Research Experience:

1. 芳香煙受體(AHR)之新穎功能。我們發現 AHR 在細胞質中具有泛素連接酶功能，並藉此調控多種蛋白質的表現與活性，AHR 缺陷型細胞的行為改變和重啟細胞多能特性的機轉。
2. 藍光對視網膜的損害。手持行動裝置的普及導致罹患眼疾人口的比例快速攀升，眼睛有綿密的血管網絡，我們發現內皮細胞對藍光刺激非常敏感，我們正在研究神經血管單元使眼疾更趨惡化之機轉。

Awards and Honors:

無

Selected Publications:

Yang TM, Lin YT, Chan YJ, Hsu TJ, Cheng YW, Li CH. GYT-088 restores endothelial function and prevents retinal vascular pathology in non-proliferative and proliferative diabetic retinopathies.

Journal of Physiological Investigation. 2026 Jan 1;69(1):57-67.

Yang TM, Fang TC, Lee YC, Lee CC, Chan YJ, Fitriana I, Cheng YW, Li CH. Aryl hydrocarbon receptor deficiency upregulates intercellular adhesion molecule 1 in Retinal pigment epithelial cells and contributes to retinal inflammation. Laboratory Investigation. 2025 May 21;105(9):104197.

Chan YJ, Hsiao G, Wan WN, Yang TM, Tsai CH, Kang JJ, Lee YC, Fang TC, Cheng YW, Li CH* Blue light exposure collapses the inner blood-retinal barrier by accelerating endothelial CLDN5 degradation through the disturbance of GNAZ and the activation of ADAM17. Fluids and Barriers of the CNS. 2023;20(1):31.