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Announcements



◎ 賀郭素娥老師參加 The 8th World Academy of Nursing Science Congress (the 8th WANS) in conjunction with The 5th International Conference of the Indonesian National Nurses Association (the 5th ICINNA)，以題目「Effectiveness Of Health-Oriented Interventions And Health Promotion Among Individuals At High Risk Of Lung Cancer」海報參展，榮獲 Best Poster Presenter。

◎ 祝賀以下成員、教師文章刊登(李江文、林資展、紀妙青、陳美燕)：

[Peer- Reviewed Journal Papers:](#)

Lin, Y. H., Lin, M. H., Shi, C. S., Lin, Y. S., Lin, C. L., Yang, Y. H., Liao, Y. S., **Chen, M. Y.**, ... & Lin, M. S. (2024). The impact of fetuin-A on predicting aortic arch calcification: secondary analysis of a community-based survey. *Frontiers in Cardiovascular Medicine*, 11, 1415438.

Chen, H. C., Liu, J. F., **Chi, M. C.**, & Cheng, H. L. (2024). Optimizing intubation technique using a single-use video laryngoscope: A comparative study in a simulation model. *Medicine*, 103(28), e38946.

Kang, C. M., Peng, T. Y., Wu, Y. A., Hsieh, C. F., **Chi, M. C.**, Wu, H. Y., & **Lin, Z. C.*** (2024). Comparison of Optical Properties and Fracture Loads of Multilayer Monolithic Zirconia Crowns with Different Yttria Levels. *Journal of Functional Biomaterials*, 15(8), 228.

Lee, T. L., Shen, W. C., Chen, Y. C., Lai, T. C., Lin, S. R., Lin, S. W., Yu, I. S., Yeh, Y. H., ...**Lee, C. W.***, & Chen, Y. L. (2024). Mir221- and Mir222-enriched adsc-exosomes mitigate PM exposure-exacerbated cardiac ischemia-reperfusion injury through the modulation of the BNIP3-MAP1LC3B-BBC3/PUMA pathway. *Autophagy*, 1-20.

Li, J. H., Hsin, P. Y., Hsiao, Y. C., Chen, B. J., Zhuang, Z. Y., **Lee, C. W.**, ... & Lee, I. T. (2024). A Narrative Review: Repurposing Metformin as a Potential Therapeutic Agent for Oral Cancer. *Cancers*, 16(17), 3017.

Kuo, C. L., Yeh, S. H. H., Chang, T. M., Augusta, I., Wei, C., Chen, W. J., ... **Lin, Z. C.**, & Liu, J. F. (2024). *Bacillus coagulans* BACO-17 ameliorates in vitro and in vivo progression of Rheumatoid arthritis. *International Immunopharmacology*, 141, 112863.

Special Lectures

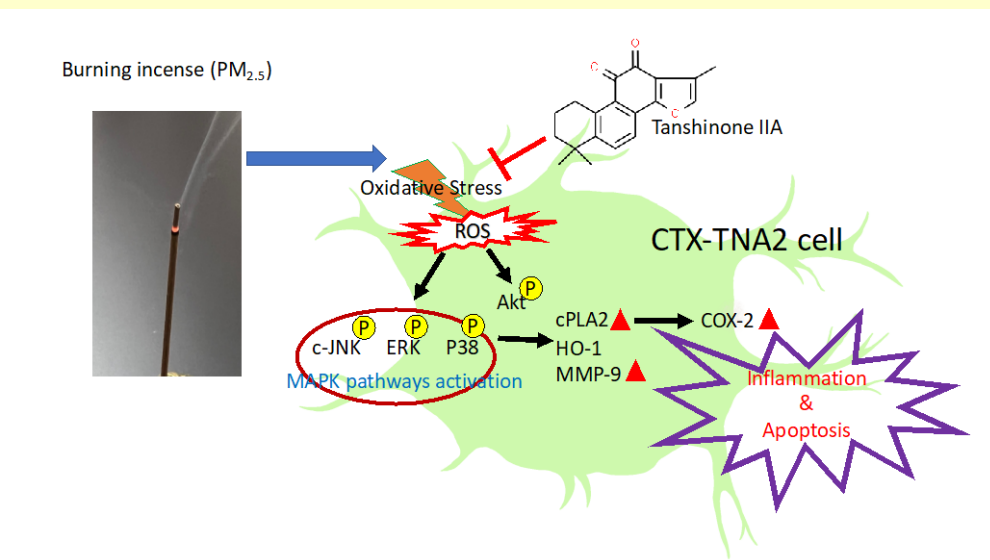
丹參酮 IIA 於燒香產物誘發星狀細胞發炎之功用

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1. 長庚科技大學呼吸照護學系
2. 長庚科技大學慢性疾病暨健康促進研究中心
3. 長庚科技大學嘉義分部護理系
4. 國立中央大學生命科學系
5. 嘉義長庚醫院關節重建科
6. 嘉義長庚醫院胸腔內科
7. 正修科技大學超微量研究科技中心

燒香文化普遍存在在亞洲家庭中，人們通常相信香是由天然草藥粉末製成，對人體健康的影響較小。然而，這種觀點的支持研究有限。本研究旨在確定燒香產物在 PM_{2.5} 範圍內的成分，並探究燒香產物對大鼠星狀細胞 (CTX-TNA2) 的生物毒性影響。研究還檢查了丹參中主要的脂溶性化合物-丹參酮 IIA (tanshinone IIA) 的保護效果和潛在的分子機制，該化合物已被證明對中樞神經系統有益。結果顯示，儘管與大氣懸浮微粒 (particulate matter, PM) 標準品相比，燒香成分與其存在差異，但燒香產物對星狀細胞仍具有生物毒性。燒香產物暴露引起早期和晚期細胞凋亡 (apoptosis)、活性氧物質 (reactive oxygen species, ROS) 產生、MAPKs (JNK、p38 和 ERK) 和 Akt 訊號活化以及發炎相關蛋白 (cPLA2、COX-2、HO-1 和 MMP-9) 增加。我們的結果進一步顯示，丹參酮 IIA 預先處理可以顯著減少燒香產物對大鼠星狀細胞的細胞凋亡和發炎訊號的影響。本研究證實，燒香產物的暴露可能會導致大鼠星狀細胞的氧化壓力和發炎相關蛋白的增加，並支持丹參酮 IIA 作為預防燒香產生不良健康影響的候選藥物潛力。

關鍵詞：燒香、星狀細胞、活性氧物質、發炎、丹參酮 IIA



Special Lectures



Events and Calls for Abstracts

[2024 年公共衛生聯合會員大會暨學術研討會](#)

[2024 Taiwan Public Health Joint Annual Conference](#)

October 5 - 6, 2024, Hualien, Taiwan

[14th International Congress of Diabetes and Metabolism \(ICDM 2024\)](#)

October 9 - 11, 2024, Seoul, Korea



[50th International Society for Pediatric and Adolescent Diabetes Annual Conference \(ISPAD 2024\)](#)

October 16 - 19, 2024, Lisbon, Portugal

[9th Federation of Immunological Societies of Asia-Oceania Congress \(FIMSA 2024\)](#)

October 23 - 27, 2024, Taipei, Taiwan



[28th Congress of the Asian Pacific Society of Respiriory \(APSR 2024\)](#)

November 7 - 10, 2024, Hong Kong

[8th International Research Conference of World Society of Disaster Nursing \(8th WSDN\)](#)

November 29 - December 1, 2024, Kobe City, Japan

2024 Annual Congress of Taiwan Society of Pulmonary and Critical Care Medicine And Taiwan Society of Thoracic Surgeons, Taiwan Society for Respiratory Therapy, Taiwan Society of Sleep Medicine Joint Conference

December 7 - 8, 2024, Taipei, Taiwan

Abstract deadline: October 20, 2024

第七屆海峽兩岸暨港澳地區護理論壇

December 16 - 17, 2024, Macao

第 17 屆亞洲糖尿病研究協會會議(AASD 2025)暨社團法人
中華民國內分泌暨糖尿病學會第十六屆第一次會員大會暨
學術研討會(2025 年會)

March 28 - 30, 2025, Taipei, Taiwan

International Diabetes Federation (IDF) World Diabetes
Congress 2025

April 7 - 10, 2025, Bangkok, Thailand

European Public Health and Epidemiology Conference

April 28 - 29, 2025, Lisbon, Portugal

2025 International Council of Nurses (ICN) Congress

June 9 - 13, 2025, Helsinki, Finland

36th International Nursing Research Congress

July 17 - 20, 2025, Seattle, Washington, USA

Abstract deadline: October 30, 2024



Funding Opportunities

◎國家科學及技術委員會申請訊息：

智慧醫療產學聯盟計畫 -數位健康領域

Deadline: October 11, 2024

2026 年國科會與法國國家研究總署(ANR)雙邊協議國
際合作研究計畫 (第一階段徵件)

Deadline: October 15, 2024

2025 年國科會與英國愛丁堡皇家學會 (RSE) 雙邊訪問 (IBVP) 及合作計畫 (IJP)

Deadline: October 24, 2024



2024 年歐盟「生物多樣性（Biodiversa+ : European Biodiversity Partnership）」跨國多邊合作計畫
Deadline: November 8, 2024