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長庚科技大學

CHANG GUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY

慢性疾病暨健康促進研究中心

Chronic Diseases and Health Promotion Research Center

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Announcements



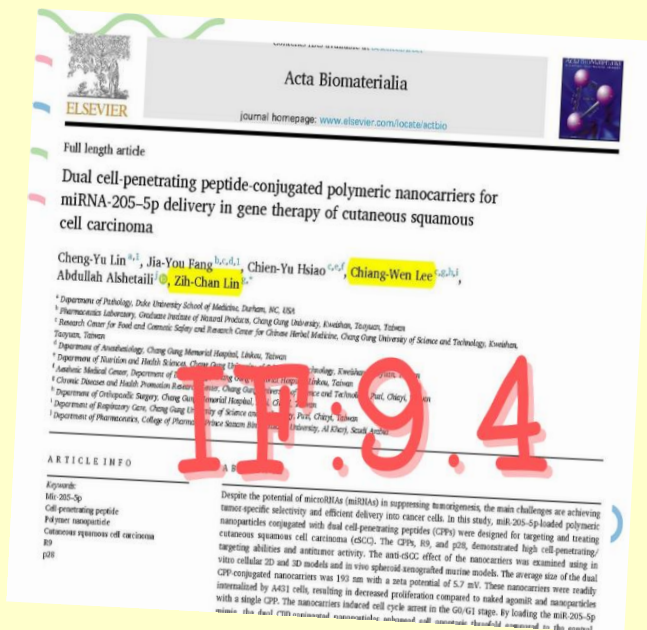
◎ 恭賀李江文老師及林資展助理研究員發表高品質學術論文：

- Lin, C. Y., Fang, J. Y., Hsiao, C. Y., **Lee, C. W.**, Alshetali, A., & **Lin, Z. C.*** (2025). Dual cell-penetrating peptide-conjugated polymeric nanocarriers for miRNA-205-5p delivery in gene therapy of cutaneous squamous cell carcinoma. *Acta Biomaterialia*. (SCIE, IF=9.4, Ranking= 9/123 in ENGINEERING, BIOMEDICAL).

◎ 祝賀以下成員、教師文章刊登 (李江文、林資展、黃淑倫、劉瑞芳)：

[Journal Papers:](#)

黃淑倫*、王毅新、方姿云、陳玟諭。(2024)。入學管道與護理系學生學業表現之關係。長庚護理，35(4)，1-18。



Hwang, S. L.*, Lin, Y. C., Lin, C. M., **Chi, M. C.** (2025). Effects of ambient fine particulate matter on the exacerbation of psychiatric disorders in southern Taiwan: a case-crossover study. *International Journal of Environmental Health Research*, 1-12. <https://doi.org/10.1080/09603123.2025.2480853>

Lin, C. Y., Fang, J. Y., Hsiao, C. Y., **Lee, C. W.**, Alshetali, A., & **Lin, Z. C.*** (2025). Dual cell-penetrating peptide-conjugated polymeric nanocarriers for miRNA-205-5p delivery in gene therapy of cutaneous squamous cell carcinoma. *Acta Biomaterialia*. <https://doi.org/10.1016/j.actbio.2025.02.056>.

Lin, C. Y., **Lin, Z. C.**, Chang, Y. T., Lin, T. J., & Fang, J. Y. (2025). Novel strategies in topical delivery for psoriasis treatment: nanocarriers and energy-driven approaches. *Expert Opinion on Drug Delivery*, 1-17. <https://doi.org/10.1080/17425247.2025.2472968>

Wang, S. J., Fang, T. P., Rowley, D. D., Liu, N. W., Chen, J. O., **Liu, J. F.***, & Lin, H. L. (2025). Inspiratory muscle training facilitates liberation from mechanical ventilation in subacute critically ill patients - a randomized controlled trial. *Frontiers in Medicine*, 11, 1503678.

Special Lectures

小鼠暴露燒香萃取物對情緒、社交行為的影響

中央大學生命科學系 黃佳瑜副教授



燒香是台灣一個非常重要的文化及宗教儀式。燒香時產生的細小顆粒會飄散到空氣中，對肺部造成傷害，但這些小顆粒物質如何導致大腦功能障礙和神經行為缺陷的機制仍不清楚。在本篇研究中，我們透過氣管給予燒香萃取物的方式使小鼠暴露於燒香產生的小顆粒七週，以模擬肺部吸入這些小顆粒物質的情形，並進行神經行為學測試。暴露燒香萃取物的小鼠表現出社交障礙及焦慮的行為，但這些小鼠對於物體辨識記憶能力則無太大影響。我們進一步探討潛在的大腦致病機制，我們發現神經五聚蛋白 II (neuronal pentraxin II, Nptx2) 的 mRNA 及蛋白質表達量在暴露燒香萃取物的小鼠中大腦杏仁核腦區皆表現下降的現象，同時這些小鼠肺部 Nptx2 蛋白表現量也是下降。我們的研究結果表明，暴露於燒香的小鼠出現了社交障礙及大腦杏仁核功能受損。

Events and Calls for Abstracts

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

17th International Thyroid Congress (ITC)

June 18 - 22, 2025, Rio de Janeiro, Brazil

36th International Nursing Research Congress

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

2025 臺灣奈米生醫學會年會暨國際研討會

International Conference on Precision Nanomedicine in Theranostics & the 2025 Annual Meeting of Taiwan Nanomedicine Society

July 25 - 26, 2025, Taichung, Taiwan

Abstract deadline: June 4, 2025

The 7th International Symposium of Materials on Regenerative Medicine (2025 ISOMRM)

August 6 - 9, 2025, Taoyuan, Taiwan

Abstract deadline: April 30, 2025

Healthcare & Nursing Conference 2025

August 8 - 9, 2025, Taichung, Taiwan

22nd International Association for Group Psychotherapy and Group Processes (IAGP) International Congress

August 20 - 23, 2025, Sapporo, Japan

2025 International Conference on Survey Methodology, Application, and New Developments

August 21 - 22, 2025, Taipei, Taiwan

2025 International Conference on Imagining the Future: The Convergence of Technology, Healthcare, and Education (THE)

September 26 - 27, 2025, Taoyuan, Taiwan

Abstract deadline: May 15, 2025



2025 Asian and Pacific Congress for Nurse Practitioners (APCNP 2025) Conference

November 1 - 2, 2025, Taipei, Taiwan

Abstract deadline: July 15, 2025

51th International Society for Pediatric and Adolescent Diabetes Annual Conference (ISPAD 2025)

November 5 - 8, 2025, Montreal, Canada

The 19th Asia Oceania Congress of Endocrinology (AOCE 2026)

March 20 - 22, 2026, Taipei, Taiwan

Abstract deadline: September 15, 2025



Grant Funding Opportunities

◎國家科學及技術委員會申請訊息：

2026 年度臺捷(NSTC-GACR)雙邊協議國際合作研究計畫

Deadline: April 10, 2025

2026-2028 年度臺灣-拉脫維亞-立陶宛(臺拉立)三邊協議國際合作研究計畫

Deadline: April 14, 2025

智慧醫療產學聯盟計畫(114 年度)

Deadline: April 30, 2025

2026 年度臺日(NSTC-RIKEN)雙邊協議國際合作研究計畫

Deadline: May 27, 2025

114 年度技專校院與私立大學校院實務型研究專案計畫

Deadline: July 15, 2025

