

June 2024 Volume 55

[Home](#)

[Announcements](#)

[Special Lectures](#)

[Events and Calls for Abstracts](#)

[Funding Opportunities](#)

Home

慢性疾病暨健康促進研究中心網站 [Visit our website](#)

連絡我們 [Email us](#)

Announcements

◎ 祝賀以下成員、教師文章刊登(李江文、林資展、紀妙青、唐心如、郭星君、郭素娥、張家豪、許翠華、劉瑞芳)：

[Peer- Reviewed Journal Papers:](#)

顏閻嘉、曾詩瑤、**郭素娥***(2024)。按壓或穴位按壓對肌肉注射疼痛的改善成效。台灣醫學, 28(3), 300-314。

吳貞蓉、謝伶瑜、王婉雅、**郭素娥***(2024)。模擬家屬在場之影音介入計畫對加護病房病人謔妄預防的成效。南臺灣醫學雜誌, 20(1), 21-30。

Lee, K. F., Hsieh, Y. Y., Tung, S. Y., Teng, C. C., Cheng, K. C., Hsieh, M. C., ... & **Kuo, H. C.*** (2024). The Cerebral Protective Effect of Novel Erinacines from *Herichium erinaceus* Mycelium on In Vivo Mild Traumatic Brain Injury Animal Model and Primary Mixed Glial Cells via Nrf2-Dependent Pathways. *Antioxidants*, 13(3), 371.

Chen, W. Y., **Hsu, T. H.***, **Chang, C. H.**, Lee, C. H., & Tzeng, S. C. (2024). Pressure injury risk factors in patients undergoing general anesthesia surgeries. *Wound Management & Prevention*, 70(1). DOI:

<https://doi.org/10.25270/wmp.23025>

Patil, D., **Tang, H. J.***, Kuo, F. H., Toh, H. S., Yang, I. N., Chang, W. T., ... & Liao, C. T. (2024). Assessing the diversity and determinants of health-related quality of life measures in patients with acute heart failure. *ESC Heart Failure*. DOI: <https://doi.org/10.1002/ehf2.14745>

Lee, W. J., Tsai, M. H., Hsu, J. F., Chu, S. M., Chen, C. C., Yang, P. H., ..., **Chi, M. C.**, **Lee, C. W.**, & Ou-Yang, M. C. (2024). The Epidemiology, Management and Therapeutic Outcomes of Subdural Empyema in Neonates with Acute Bacterial Meningitis. *Antibiotics*, 13(4), 377.

Li, C. L., **Liu, J. F.**, & Liu, S. F. (2024). Mitochondrial Dysfunction in Chronic Obstructive Pulmonary Disease: Unraveling the Molecular Nexus. *Biomedicines*, 12(4), 814.

Jacquier, S., Lin, H. L., Li, J., Sheridan, C. A., Karabelas, P., **Liu, J. F.**, ... & Fink, J. B. (2024). Effect of Interrupting Heated Humidification on Nebulized Drug Delivery Efficiency, Temperature, and Absolute Humidity During Mechanical Ventilation: A Multi-Lab In Vitro Study. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 37(3), 1-10.

Nirmal, G. R., **Lin, Z. C.**, Chiu, T. S., Alalaiwe, A., Liao, C. C., & Fang, J. Y. (2024). Chemo-photothermal therapy of chitosan/gold nanorod clusters for antibacterial treatment against the infection of planktonic and biofilm MRSA. *International Journal of Biological Macromolecules*, 268, 131673.

Fang, J. Y., Huang, K. Y., Wang, T. H., **Lin, Z. C.**, Chen, C. C., Chang, S. Y., ... & Chen, C. Y. (2024). Development of nanoparticles incorporated with quercetin and ACE2-membrane as a novel therapy for COVID-19. *Journal of Nanobiotechnology*, 22(1), 169.

Lin, Z. C., Hung, C. F., Aljuffali, I. A., Lin, M. H., & Fang, J. Y. (2024). RNA-Based Antipsoriatic Gene Therapy: An Updated Review Focusing on Evidence from Animal Models. *Drug Design, Development and Therapy*, 18, 1277-1296.

Hung, C. C., Chen, C. M., Chang, Y. H., Lee, S. H., **Chang, C. H.**, & Chen, Y. J. (2024). Development and validation of a Chinese version chronic wound health-related quality of life instrument: A methodological study. *Journal of Clinical Nursing*, 33(5), 1820-1829.

Tang, H. J., Moser, D. K., Tang, H. Y. J., Lin, C. H., & Hu, F. W. (2024). A game-based multimedia application to improve the ability of clinical nurses to perform geriatric care: A randomized controlled trial. *Nurse Education Today*, 106253.

Special Lectures

從呼吸出發的復原力

長庚科技大學呼吸照護系 劉瑞芳助理教授

肺復健（Pulmonary Rehabilitation, PR），又稱為『肺復原』，是一種綜合性的呼吸治療法。它包含了許多的要素，首先是呼吸重建，如噉嘴呼吸、腹式呼吸、肺擴張訓練、呼吸肌群訓練、氣道分泌物排除與胸腔物理治療等。其次是有氧運動訓練，如上肢運動、下肢運動，騎自行車和步行運動。另外，肺復原還包括了教育層面，如教導患者戒菸、疫苗接種、居家用氧和正確的藥物吸入法。

臨床上，實施肺復原的目的，主要是改善患者的生活品質，減輕呼吸困難，增強運動耐力。儘管過去有些研究認為對於慢性肺部疾病的患者，肺復原並不會明顯的改善肺功能及整體的死亡率，然而，也越來越多臨床研究證實，肺復原在許多其他的疾病中已獲得了顯著的成效。

例如，對於 COVID-19 長新冠患者，早期進行肺復原可以改善肺功能，減輕呼吸困難，促進康復。慢性阻塞性肺病患者，當表現出呼吸困難和運動能力下降時，肺復原可以增加運動耐力，減少呼吸困難及急性缺氧的風險。肺癌或肺移植手術的患者，手術後，肺復原有助於減少併發症的風險，提高運動能力，促進患者更快康復。心臟移植或冠狀動脈繞道手術的患者，手術後，肺復原可降低病患的死亡風險，提高步行能力，改善術後的生活品質。

不僅如此，即便是健康人也可以參與肺復原運動訓練，來增強肺功能、呼吸肌力和整體身體狀況。這些呼吸與運動技巧不僅能提升呼吸和體能，還能改善睡眠質量和精神狀態，進而促進整體的健康和活力。

鑒於上述，未來的研究和臨床實踐可以更進一步深化對肺復原的探究，以提供更完善和豐富的『健康呼吸方案』，來滿足不同病患更細緻和多元化的照護。



Events and Calls for Abstracts

10th International Conference on Public Health (ICOPH 2024)

August 15 - 16, 2024, Bangkok, Thailand

The 8th International Nursing Research Conference of World Academy of Nursing Science (8th WANS) & The 5th International Conference of Indonesian National Nurses Association (5th ICINNA)

August 21 - 22, 2024, Indonesia

36th Annual Conference of the International Society for Environmental Epidemiology (ISEE 2024)

August 25 - 28, 2024, Santiago, Chile

International Conference on Microplastics, Nanoplastics & Human Health

August 28 - 30, 2024, Dublin, Ireland

Abstract deadline: July 12, 2024

2024 年國際醫學資訊聯合研討會

Joint Conference on Medical Informatics in Taiwan 2024 (JCMIT2024)

September 2 - 4, 2024, Taipei, Taiwan

13th International Council of Nurses, Nurse Practitioner / Advanced Practice Nurse (13th ICN NP/APN) Network Conference

September 9 - 12, 2024, Aberdeen, Scotland, UK

60th European Association for the Study of Diabetes Annual Meeting (EASD 2024)

September 9 - 13, 2024, Madrid, Spain

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

Abstract deadline: July 31, 2024

14th International Congress of Diabetes and Metabolism (ICDM 2024)

October 9 - 11, 2024, Seoul, Korea

Abstract deadline: August 1, 2024

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 Respirology (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

International Diabetes Federation (IDF) World Diabetes Congress 2025

April 7 - 10, 2025, Bangkok, Thailand

Abstract deadline: September 15, 2024

2025 International Council of Nurses (ICN) Congress

June 9 - 13, 2025, Helsinki, Finland

Abstract deadline: September 30, 2024



Funding Opportunities

◎國家科學及技術委員會申請訊息：

2025 年臺捷(NSTC-TACR)雙邊協議國際合作鏈結法人計畫

Deadline: July 17, 2024

114 年度補助科學與技術人員國外短期研究案

Deadline: July 31, 2024

114 年度「產學技術聯盟合作計畫(產學小聯盟)」

Deadline: August 30, 2024

2025-2026 年臺西 (NSTC-CSIC) 雙邊人員交流計畫

Deadline: September 13, 2024

