長庚大學
CHANG GUNG UNIVERSITY

生物醫學研究所

Graduate Institute of Biomedical Sciences

博士學位論文口試

Doctoral Oral Defence Seminar

Speaker：吳滢宇 博士候選人
Ying-Yu Wu Ph.D. candidate

Host：游佳融 (Chia-Jung Yu) 教授

Advisor：盧主欽 (Juu-Chin Lu) 副教授

Title：The Role of Protein Kinase D in Hypoxic Adipocytes

Time：2025/09/24 10:00

Place：M0856 生醫所會議室 (Conference Room of the Graduate Institute of Biomedical Sciences)

※※※ 歡迎參加 Welcome ※※※

生物醫學研究所
Graduate Institute of
BioMedical Sciences

CURRICULUM VITAE

Name : 吳濚宇 (英文：Ying-Yu Wu)

Education :

yyyy.mm-yyyy.mm	**Degree**	**Affiliation**
2013.09-2017.06	Biomedical Sciences	Chang Gung University
2017.08-2018.08	M.S., Graduate Institute of Biomedical Science	Chang Gung University
2020.08- present	Ph.D., Graduate Institute of Biomedical Science	Chang Gung University

Publication:

1. **Wu, Y.Y.**, Y.Y. Huang, and J.C. Lu, PKD and scaffold NHERF1 mediate hypoxia-induced gene expression in 3T3-L1 adipocytes. J Mol Endocrinol, 2025. 75(2).
2. Chiang, Y.T., **Y.Y. Wu**, Y.C. Lin, Y.Y. Huang, and J.C. Lu, Cyclodextrin-Mediated Cholesterol Depletion Induces Adiponectin Secretion in 3T3-L1 Adipocytes. Int J Mol Sci, 2023. 24(19).
3. Lu, J.C., C.Y. Lu, and **Y.Y. Wu**, THRAP3 depletion reduces PPARgamma mRNA and anti-inflammatory action in 3T3-L1 adipocytes. J Mol Endocrinol, 2021. 67(3): p. 149-159.

Oral presentation:

1. Physiological Society of the Republic of China Annual Meeting & NSC Research Symposium 2023 (Taiwan) — Oral/ePoster: PKD1/2 and NHERF1 mediate hypoxia-induced *Vegfa* expression in 3T3-L1 adipocytes

Posters:

1. Wu, Y.-Y., & Lu, J.-C. Protein kinase D (PKD) and the scaffold protein Na^+/H^+ exchanger regulatory factor 1 (NHERF1) mediate hypoxia-induced gene expression in 3T3-L1 adipocytes. Poster presented at the Graduate Institute of Biomedical Sciences Poster Contest 2024, Chang Gung University, Taoyuan, Taiwan.
2. Wu, Y.-Y., & Lu, J.-C. Protein kinase D1/2 and the scaffold protein Na^+/H^+ exchanger regulatory factor 1 mediate hypoxia-induced Vegfa expression in 3T3-L1 adipocytes. Poster presented at the 10th Federation of the Asian and Oceanian Physiological Societies Congress (FAOPS 2023), EXCO, Daegu, Korea, 1–4 November 2023.
3. Wu, Y.-Y., & Lu, J.-C. Protein kinase D (PKD) and the scaffold protein Na^+/H^+ exchanger regulatory factor 1 (NHERF1) mediate hypoxia-induced gene expression in 3T3-L1 adipocytes. Poster presented at the Graduate Institute of Biomedical Sciences Poster Contest 2023, Chang Gung University, Taoyuan, Taiwan.

Awards:

1. 2024 – First Prize, Poster Competition, Graduate Institute of Biomedical Sciences
2. 2023 – Honorable Mention, Poster Competition, Graduate Institute of Biomedical Sciences
3. 2021 (Fall) – Recipient, Molecular Medicine Center Scholarship
4. 2021 (Spring) – Recipient, Molecular Medicine Center Scholarship