



# 長庚大學生物醫學研究所

Chang Gung University, Graduate Institute of Biomedical Sciences

博士學位論文口試

Doctoral Oral Defence Seminar

演講者Speaker：林文德博士候選人Phd candidate

主持人Host：張雅貞 博士

指導教授Advisor：陳鈴津 院士、白麗美 博士

題目 Title：Investigation of Protein Pattern and  
Function of CD55 in ST3GAL1 Silenced  
Breast Cancer Cells

時間Time：2021/08/05 10:00-12:00

地點Place：線上視訊

※※※ 歡迎參加 Welcome ※※※生物醫學研究所

Graduate Institute of  
BioMedical Sciences

## ***CURRICULUM VITAE***

**Name :** 林文德 (英文 : Wen-Der, Lin )

### **Education :**

2015-present Chang Gung University, PhD programs in Division of  
Biochemistry, Molecular and Cellular Biology  
2003 National Defense Medical Center, MS programs in  
Microbiology and Immunology  
2001 Bachelor of Science, Department of Microbiology in  
Soochow University

### **Publication :**

2020 Wen-Der Lin 1, 2, Tan-Chi Fan<sup>2</sup>, Jung- Tung Hung<sup>2</sup>, Hui-Ling Yeo<sup>2</sup>, Sheng-Hung Wang<sup>2</sup>, Chu-Wei Kuo<sup>3</sup>, Kay-Hooi Khoo<sup>3</sup>, Li-Mei Pai<sup>1</sup>, John Yu<sup>2</sup>, Alice L. Yu<sup>1,2,4</sup> Sialylation of CD55 by ST3GAL1 facilitates immune evasion in cancer. 2021 Jan;9(1):113-122.  
doi: 10.1158/2326-6066.CIR-20-0203. Epub 2020 Nov 11.

2019 Yeo HL, Fan TC, Lin RJ, Yu JC, Liao GS, Chen ES, Ho MY, Lin WD, Chen K, Chen CH, Hung JT, Wu JC, Chang NC, Chang MD, Yu J, Yu AL. Sialylation of vasorin by ST3Gal1 facilitates TGF- $\beta$ 1-mediated tumor angiogenesis and progression. *Int J Cancer*. 144(8):1996-2007.

2018 Fan TC, Yeo HL, Hsu HM, Yu JC, Ho MY, Lin WD, Chang NC, Yu J, Yu AL. Reciprocal feedback regulation of ST3GAL1 and GFRA1 signaling in breast cancer cells. *Cancer Lett*. 434:184-195.

2014 Hung JT, Tsai YC, Lin WD, Jan JT, Lin KH, Huang JR, Cheng JY, Chen MW, Wong CH, Yu AL. Potent adjuvant effects of novel NKT stimulatory glycolipids on hemagglutinin based DNA vaccine for H5N1 influenza virus. *Antiviral Res*. 107:110-8.

2014 Williams RT, Barnhill LM, Kuo HH, Lin WD, Batova A, Yu AL, Diccianni MB. Chimeras of p14ARF and p16: functional hybrids with the ability to arrest growth. *PLoS One*. 9(2):e88219.

2004 Chiu CH, Lin WD, Huang SY, Lee YH. Effect of a C/EBP gene replacement on mitochondrial biogenesis in fat cells. *Genes Dev.* 18(16):1970-5.

2003 Sytwu HK, Lin WD, Roffler SR, Hung JT, Sung HS, Wang CH, Cheng TL, Tsou SC, Hsi SC, Shen KL. Anti-4-1BB-based immunotherapy for autoimmune diabetes: lessons from a transgenic non-obese diabetic (NOD) model. *J Autoimmun.* 21(3):247-54.