


LILY HUI-CHING WANG (王慧菁)

POSITION/AFFILIATIONS		CONTACT INFORMATION		
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EDUCATION				
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY	
National Cheng Kung University, Tainan, Taiwan	B.S.	1997	Biology	
National Cheng Kung University, Tainan, Taiwan	Ph.D.	2004	Basic Medical Sciences	
National Tsing Hua University, Hsinchu, Taiwan	B.L.	2019	Law	

Positions and Employment (含現職，由最近者往前追溯)

- 2022~present Professor, School of Medicine, National Tsing Hua University, Taiwan
- 2021~present Professor, Institute of Molecular and Cellular Biology, National Tsing Hua University, Taiwan
- 2015~2021 Associate Professor, Institute of Molecular and Cellular Biology, National Tsing Hua University, Taiwan
- 2010~2015 Assistant Professor, Institute of Molecular and Cellular Biology, National Tsing Hua University, Taiwan
- 2009~2010 Project Leader, Biozentrum, University of Basel, Switzerland
- 2006~2009 Postdoctoral Fellow, Max-Planck Institute of Biochemistry, Germany

Selected publications (*corresponding author) (請擇代表著作，時間先後順序由最近者往前追溯)

1. Palla SR, Li CW, Chao TL, Lo HV, Liu JJ, Pan MY, Chiu YT, Lin WC, Hu CW, Yang CM, Chen YY, Fang JT, Lin SW, Lin YT, Lin HC, Kuo CJ*, **Wang LH***, Chang SY*, Liang PH*. (2023) Synthesis, evaluation, and mechanism of 1-(4-(arylethyl)carbonyl)phenyl)-4-carboxy-2-pyrrolidinones as potent reversible SARS-CoV-2 entry inhibitors. *Antiviral Research*. 219:105735.
2. Yang JY, Wu YH, Pan MYC, Chiou YT, Lee RKL, Li TN, **Wang LH***. (2022) Chemical-induced degradation of PreS2 mutant surface antigen via the induction of microautophagy. *Antiviral Research* Nov; 207:10547.
3. Wu YH, Yang Y, Chen CH, Hsiao CJ, Li TN, Liao KJ, Watashi K, Chen BS, **Wang LH***. (2021) Aerobic glycolysis supports hepatitis B virus biosynthesis through interaction between viral surface antigen and pyruvate kinase isoform M2. *PLOS Pathogens*. Mar 15;17(3):e1008866.
4. Bhattacharjee MJ, Lin JJ, Chang CY, Chiou YT, Li TN, Tai CW, Shiu TF, Chen CA, Chou CY, Chakraborty P, Tseng YY, **Wang LH***, Li WH*. Identifying primate ACE2 variants that confer resistance to SARS-CoV-2. *Molecular Biology and Evolution*. 2021, 25;38(7):2715-2731.
5. Li TN, Wu YJ, Tsai HW, Sun CP, Wu YH, Wu HL, Pei YN, Lu KY, Yen TT, Chang CW, Chan HL, Tao MH, Liou JY, Chang MD, Su IJ, **Wang LH***. Intrahepatic hepatitis B virus large surface antigen induces hepatocyte hyperploidy via failure of cytokinesis. *Journal of Pathology*. 2018. Aug;245(4):502-513
6. Nielsen CF, Huttner D, Bizard AH, Hirano S, Li TN, Palmari-Pallag T, Bjerregaard VA, Liu Y, Nigg EA, **Wang LH***, Hickson ID*. (2015) PICH promotes sister chromatid disjunction in mitosis: evidence of functional co-operation with topoisomerase II. *Nature Communications*. 2015 Dec 8;6:8962.