

YU-CHUN LIN (林玉俊)

POSITION/AFFILIATIONS PROFESSOR, INSTITUTE OF MOLECULAR MEDICINE, NATIONAL TSING HUA UNIVERSITY	CONTACT INFORMATION No.101, Sec. 2, Kuang Fu Rd., Hsinchu City, Taiwan (R.O.C.) TEL: +886-3-5742421 FAX: +886-3-5715934 E-mail: ycl@life.nthu.edu.tw		
EDUCATION			
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
Tunghai University, Taichung, Taiwan	B.S.	2003	Biology
Tunghai University, Taichung, Taiwan	Ph.D	2008	Life Science

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

- 2023~present Professor, Institute of Molecular Medicine, National Tsing Hua University, Taiwan
- 2019~2023 Associate Professor, Institute of Molecular Medicine, National Tsing Hua University, Taiwan
- 2020~present Honorary Professor, Mathematical Sciences, University of Liverpool, UK
- 2015~2019 Assistant Professor, Institute of Molecular Medicine, National Tsing Hua University, Taiwan
- 2011~2015 Research Fellow, Department of Cell Biology, Johns Hopkins University School of Medicine, USA
- 2009~2011 Postdoctoral Fellow, Institute of Molecular Medicine, National Taiwan University, Taiwan

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. H Cheng, YL Kao, T Chen, L Sharma, WT Yang, YC Chuang, SH Huang, HR Lin, YS Huang, CL Kao, LW Yang, R Bearon, KC Hsia, **YC Lin***. (2022). Actin filaments form a size-dependent diffusion barrier around centrosomes. *EMBO Reports* e54935.
2. GY Liu, SC Chen, GH Lee, K Shaiv, PY Chen, H Cheng, SR Hong, WT Yang, SH Huang, YC Chang, HC Wang, CL Kao, PC Sun, MH Chao, YY Lee, MJ Tang, **YC Lin***. (2022). Precise control of microtubule disassembly in living cells. *EMBO J* 41(15):e110472.
3. CH Fan, KC Wei, NH Chiu, HC Wang, RY Wu, YJ Ho, HL Chan, TSA Wang, YZ Huang, TH Hsieh, CH Lin, **YC Lin***, CK Yeh*. (2021). Sonogenetic activation of dopaminergic neurons ameliorates neurodegeneration and improves motor behavior in mice with Parkinson's disease. *Nano Lett.* 21(14): 5967-5976.
4. YS Huang, CH Fan, WT Yang, CK Yeh*, **YC Lin***. (2021). Sonogenetic modulation of cellular activities in mammalian cells. *Methods Mol. Biol.* 2312:109-124.
5. WT Yang, SR Hong, K He, K Ling, K Shaiv, J Hu*, **YC Lin***. (2021). The emerging roles of axonemal glutamylation in regulation of cilia architecture and functions. *Front. Cell Dev. Biol.* 9:622302.
6. CY Wu, CH Fan, NH Chiu, **YC Lin***, CK Yeh*. (2020). Targeted delivery of engineered auditory sensing protein for ultrasound neuromodulation in the brain. *Theranostics* 10(8): 3546-3561.
7. YS Huang, CH Fan, N Hsu, CY Wu, YC Chiang, YC Chang, WC Hsu, YC Lin, SR Hong, CY Chang, L Chen, CK Yeh*, **YC Lin***. (2020) Sonogenetic modulation of neurons using an engineered acoustic sensing protein. *Nano Lett.* 20(2): 1089-1100.