


## AO-LIN ALLEN HSU (許翹麟)

<b>POSITION/AFFILIATIONS</b> PROFESSOR, INSTITUTE OF BIOCHEMISTRY AND MOLECULAR BIOLOGY, NATIONAL YANG MING CHIAO TUNG UNIVERSITY	<b>CONTACT INFORMATION</b> No.155, Sec. 2, Linong St., Taipei City, Taiwan TEL: +886-2-28267126 E-mail: alhsu@nycu.edu.tw		
<b>EDUCATION</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(S)</b>	<b>FIELD OF STUDY</b>
National Taiwan University	B.S.	1996	Chemistry
University of Kentucky, USA	Ph.D	2000	Med. Chem. and Pharmaceutics

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

- 06/23-pres     *Acting Director*, Institute of Microbiology and Immunology, National Yang Ming Chiao Tung University, Taiwan
- 08/21-pres     *Professor*, Institute of Biochemistry and Molecular Biology, National Yang Ming Chiao Tung University, Taiwan
- 2018-2021     *Dean*, Graduate Student Affairs; *Director*, Research Center for Healthy Aging; *Director*, PhD Program for Aging, China Medical University, Taichung, Taiwan
- 2008-2021     *Professor*, Institute of Biochemistry and Molecular Biology, National Yang Ming University, Taiwan
- 2004-pres     *Assistant Professor*; *Associate Professor with tenure*; *Adjunct Associate Professor*, Department of Internal Medicine, Division of Geriatric and Palliative Medicine, University of Michigan Medical School, Ann Arbor, USA
- 2000-2004     Postdoctoral Fellow, Department of Biochemistry and Biophysics, UCSF, USA

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

- Chen TY, Wang FY, Lee PJ, **Hsu AL\***, Ching TT\*. (2024) "Mitochondrial S-adenosylmethionine deficiency induces mitochondrial unfolded protein response and extends lifespan in *Caenorhabditis elegans*." *Aging Cell*, 23(0): e14103. (doi:10.1111/ace1.14103)
- Lim CY, Lin HT, Kumsta C, Lu TC, Wang FY, Kang YH, Hansen M, Ching TT\*, **Hsu AL\***. (2023) "SAMS-1 coordinates HLH-30/TFEB and PHA-4/FOXA activities through histone methylation to mediate dietary restriction-induced autophagy and longevity." *Autophagy*. 19(1): 224-240.
- Gourgou E, Adiga K, Goettemoeller A, Chen C, **Hsu AL\***. (2021) "*C. elegans* learning in a structured maze is a multisensory behavior." *iScience*. 24(4): 102284. (Selected as the "**Featured content**" of the April issue.)
- Sural S, Liang CY, Wang FY, Ching TT\*, **Hsu AL\***. (2020) "HSB-1/HSF-1 pathway modulates histone H4 in mitochondria to control mtDNA transcription and longevity." *Science Advances*. 6(43): eaaz4452.
- Chiang WC, Ching TT, Lee HC, Mousigian C, **Hsu AL\***. (2012) "HSF-1 regulators DDL-1/2 link insulin-like signaling to heat-shock response and modulation of longevity." *Cell*. 148(1-2): 322-334.
- Hsu AL**, Murphy C, Kenyon C. (2003) "Regulation of aging and age-related disease by DAF-16 and Heat-shock factor." *Science*. 300(5622): 1142-1145.