


CHIH-CHIANG CHAN (詹智強)

POSITION/AFFILIATIONS PROFESSOR, GRADUATE INSTITUTE OF PHYSIOLOGY, NATIONAL TAIWAN UNIVERSITY	CONTACT INFORMATION Address No.1, Sec.1, Jen-Ai Rd. Taipei, Taiwan TEL: +886-2-23123456-88240 FAX: +886-2-23964350 E-mail: chancc1@ntu.edu.tw	
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EDUCATION			
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
National Taiwan Univ.	BS	1997	Zoology
National Taiwan Univ.	MS	1999	Physiology
UT Southwestern Med Center, USA	PhD	2008	Genetics & Development

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

2022-pres.	Professor, Grad. Inst. Physiology, NTU
2018-22	Asso. Professor, Grad. Inst. Physiology, NTU
2012-18	Asst. Professor, Grad. Inst. Physiology, NTU
2008-12	Postdoc Fellow, Dept. Physiology, UT Southwestern Med Center, 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)

- Hung YC, Huang KL, Chen PL, Li JL, Lu SHA, Chang JC, Lin HY, Lo WC, Huang SY, Lee TT, Lin TY, Imai Y, Hattori N, Liu CS, Tsai SY, Chen CH, Lin CH*, **Chan CC***: UQCRC1 engages cytochrome c for neuronal apoptotic cell death. *Cell Reports* (2021) 36(12):109729
- Tzou FY, Su TY, Lin WS, Kuo HC, Yu YL, Yeh YH, Liu CC, Kuo CH, Huang SY, **Chan CC***: Dihydroceramide desaturase regulates the compartmentalization of Rac1 for neuronal oxidative stress. *Cell Reports* (2021) 35(2):108972
- Wu CY, Jhang JG, Lin WS, Chuang PH, Lin CW, Chu LA, Chiang AS, Ho HC, **Chan CC***, Huang SY*: Dihydroceramide desaturase promotes the formation of intraluminal vesicles and inhibits autophagy to increase exosome production. *iScience* (2021) 14;24(12):103437.
- Lien WY, Chen YT, Li YJ, Wu JK, Huang KL, Lin JR, Lin SC, Hou CC, Wang HD, Wu CL, Huang SY, **Chan CC***: Lifespan regulation in α/β posterior neurons of the fly mushroom bodies by Rab27. *Aging Cell* (2020) 19(8):e13179
- Jung WH*, Liu CC*, Yu YL, Chang YC, Lien WY, Chao HC, Huang SY, Kuo CH, Ho HC, **Chan CC***: Lipophagy prevents activity-dependent neurodegeneration due to dihydroceramide accumulation *in vivo*. *EMBO Reports* (2017) 18(7): 1150-65
- Yang CN, Wu MF, Liu CC, Jung WH, Chang YC, Lee WP, Shiao YJ, Wu CL, Liou HH, Lin SK, **Chan CC***: Differential protective effects of connective tissue growth factor against A β neurotoxicity on neurons and glia. *Human Molecular Genetics* (2017) 26(20): 3909-3921