


## TZU-HAO CHENG (鄭子豪)

<b>POSITION/AFFILIATIONS</b> DISTINGUISHED PROFESSOR, INSTITUTE OF BIOCHEMISTRY AND MOLECULAR BIOLOGY, NATIONAL YANG MING CHIAO TUNG UNIVERSITY	<b>CONTACT INFORMATION</b> No.155, Sec. 2, Li-Nong St., Taipei, Taiwan (R.O.C.) TEL: +886-2-2826-7331 FAX: +886-2-2826-4843 E-mail: thcheng@nycu.edu.tw			
<b>EDUCATION</b>				
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(S)</b>	<b>FIELD OF STUDY</b>	
National Tsing-Hua University, Hsinchu, Taiwan	B.S.	1988	Chemistry Engineering	
National Yang-Ming University, Taipei, Taiwan	M.S.	1991	Biochemistry	
Rutgers University/UMDNJ, New Jersey, USA	Ph.D	2000	Cellular and Molecular Pharmacology	

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

- 2021~present Senior Vice President, National Yang Ming Chiao Tung University (NYCU)  
 2021~present Director, Institute of Biochemistry and Molecular Biology, NYCU  
 2017~present Distinguished Professor, Institute of Biochemistry and Molecular Biology, NYCU  
 2018~2019 Visiting Professor, Genetics Department, Stanford University, USA  
 2017~2019 Senior Visiting Scientist / Head of Research, Nuredis Inc., USA  
 2012~2017 Professor, Institute of Biochemistry and Molecular Biology, NYCU

### Selected publications (\*corresponding author)

- N Deng, YY Wu, Y Feng, WC Hsieh, JS Song, YS Lin, YH Tseng, WJ Liao, YF Chu, YC Liu, EC Chang, CR Liu, SY Sheu, MT Su, HC Kuo, SN Cohen\*, **TH Cheng\***. (2022). Chemical interference with DSIF complex formation lowers synthesis of mutant huntingtin gene products and curtails mutant phenotypes. *Proc Natl Acad Sci U S A* 119 (32): e2204779119.
- YH Lee, YS Tsai, CC Chang, CC Ho, HM Shih, HM Chen, HL Lai, CW Lee, YC Lee, YC Liao, UC Yang\*, **TH Cheng\***, YJ Chern\*, BW Soong\*. (2022). A PIAS1 protective variant S510G delays polyQ disease onset by modifying protein homeostasis. *Movement Disorders* 37 (4), 767-777.
- NJ Kramer, Y Carlomagno, YJ Zhang, S Almeida, CN Cook, TF Gendron, M Prudencio, MV Blitterswijk, V Belzil, J Couthouis, JW Paul III, LD Goodman, L Daugherty, J Chew, A Garrett, L Pregent, K Jansen-West, LJ Tabassian, R Rademakers, K Boylan, NR Graff-Radford, KA Josephs, JE Parisi, DS Knopman, RC Petersen, BF Boeve, N Deng, Y Feng, **TH Cheng**, DW Dickson, SN Cohen, NM Bonini, CD Link, FB Gao, L Petrucelli\*, AD Gitler\*. (2016). Spt4 selectively regulates the expression of C9orf72 sense and antisense mutant transcripts. *Science*, 353:708-712.
- HM Cheng, Y Chern, CS Lin, SH Li, IH Chen, CR Liu, S Chun, F Rigo, CF Bennett, N Deng, Y Feng, YT Yan\*, SN Cohen\*, and **TH Cheng\***. (2015) Effects on Murine Behavior and Lifespan by Selectively Decreasing Expression of Mutant Huntingtin Allele by Supt4h knockdown. *PLoS Genetics* 11, e1005043.
- CR Liu, CR Chang, Y Chern, TH Wang, WC Hsieh, WC Shen, CY Chang, IC Chu, N Deng, SN Cohen\*, and **TH Cheng\***. (2012). Spt4 is Selectively Required for Transcription of Extended Trinucleotide Repeats. *Cell* 148, 690-701.