



The 10th International Congress of Asian Society of Toxicology

● CV



Photo

English Name : Bon-Chu Chung

Current Position:

Distinguished Visiting Chair, Academia Sinica,
Taiwan

Chair Professor, China Medical University, Taiwan

Education/Training:

PhD, University of Pennsylvania/ Biochemistry

Professional and Research Experience:

Academia Sinica, Associate, full, to distinguished research fellow

Awards and Honors:

2020: Elected Member, The World Academy of Sciences (TWAS)

2018: Elected Member, Academia Sinica, Taiwan

2012: For Women in Science Award, L'OREAL & CS Wu Foundation, Taiwan

2006: Academic Award of Ministry of Education, Taiwan

1989-2003: Outstanding Research Award (four times) and Merit Award (two times),
National Science Council, Taiwan

Selected Publications:

1. Kolas V, Bandonil JSA, Wali N, Hsia K-C, Shie J-J, Chung B-c, "A synthetic pregnenolone analog promotes microtubule dynamics and neural development" *Cell & Biosci*, 12, 190 (2022). (<https://doi.org/10.1186/s13578-022-00923-2>)
2. Vignet C, Joassard L, Lyphout L, Guionnet T, Goubeau M, Le Menach K, Brion F, Kah O, Chung B-c, Budzinski H, Béguout M-L, Cousin X, "Exposures of zebrafish through diet to three environmentally relevant mixtures of PAHs produce behavioral disruptions in unexposed F1 and F2 descendant" *Environ Sci Pollut Res*, 22:16371-83 (2015).
3. Weng J-H, Liang M-R, Chen C-H, Tong S-K, Huang T-C, Lee S-P, Chen Y-R, Chen C-T, and Chung B-c, "Pregnenolone activates CLIP-170 to promote microtubule growth and cell migration" *Nature Chem Biol*, 9, 636-642 (2013).



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4. Diotel N, Le Page Y, Mouriec K, Tong S-K, Pellegrini E, Vaillant C, Anglade I, Brion F, Pakdel F, Chung B-c, Kah O, “Aromatase in the brain of teleost fish”, *Front Neuroendocrin*, 31, 172-192 (2010).
5. Vosges M, Le Page Y, Chung B-c, Combarous Y, Porcher JM, Kah O, Brion F, “17 α -ethinylestradiol disrupts the ontogeny of the forebrain GnRH system and the expression of brain aromatase during early development of zebrafish” *Aquat Toxicol*, 99, 479-491 (2010).