＊吳嘉霖助理教授

所有發表期刊論文

1. **Wu CL**, Shih MF M, Lee PT, Chiang AS (2013, Dec). An octopamine-mushroom body circuit modulates the formation of anesthesia-resistant memory in *Drosophila*. ***Current Biology***, 23: 2346-2354. (SCI, 19/290, BIOCHEMISTRY & MOLECULAR BIOLOGY).
2. Wu TH, Lu YN, Chuang CL, **Wu CL**, Chiang AS, Krantz DE, Chang HY. (2013, Mar). Loss of vesicular dopamine release precedes tauopathy in degenerative dopaminergic neurons in a *Drosophila* model expressing human tau. ***ACTA NEUROPATHOLOGICA***, DOI 10.1007/s00401-013-1105-x. (SCI, 6/193, CLINICAL NEUROLOGY).
3. Kuo SY, Tu CH, Hsu YT, Wang HD, Wen RK, Lin CT, **Wu CL**, Huang YT, Huang GS, Lan TH, Fu TF (2012, Dec). A hormone receptor-based transactivator bridges different binary systems to precisely control spatial-temporal gene expression in *Drosophila*. ***PLoS One***, 7(12): e50855. (SCI, 7/56, MULTIDISCIPLINARY SCIENCES).
4. Chen CC, Wu JK, Lin HW, Pai TP, Fu TF, **Wu CL**, Tully T, Chiang AS (2012, Feb). Visualizing long-term memory formation in two neurons of *Drosophila* brain. ***Science***, 335: 678-685. (SCI, 2/56, MULTIDISCIPLINARY SCIENCES).
5. **Wu CL**, Shih MF M, Lai J SY, Yang HT, Turner CG, Chen L, Chiang AS (2011, May). Heterotypic gap junctions between two neurons in the *Drosophila* brain are critical for memory. ***Current Biology***, 21: 848-854. (SCI, 19/290, BIOCHEMISTRY & MOLECULAR BIOLOGY). * Highlighted by Faculty of 1000 (F1000), the top 2% of published articles in biology and medicine.
6. Chang YC, Hung WZ, Chang YC, Chang HC, **Wu CL**, Chiang AS, Jackson GR, Sang TK (2011, Feb). Pathogenic VCP/TER94 alleles are dominant actives and contribute to neurodegeneration by altering cellular ATP level in a *Drosophila* IBMPFD model. ***PLoS Genetics***, 7(2): e1001288. (SCI, 12/161, GENETICS & HEREDITY).
7. **Wu CL**, Chiang AS (2008, Nov). Genes and circuits for olfactory-associated long-term memory in *Drosophila*. ***Journal of Neurogenetics***, 22: 257-284. (SCI, 167/252, NEUROSCIENCES).
8. **Wu CL**, Xia S, Fu TF, Wang H, Chen YH, Leong D, Chiang AS, Tully T (2007, Dec). Specific requirement of NMDA receptors for long-term memory

consolidation in *Drosophila* ellipsoid body. ***Nature Neuroscience***, 10(12): 1578-1586. (SCI, 6/252, NEUROSCIENCES).

9. Xia S, Miyashita T, Fu TF, Lin WY, **Wu CL**, Pyzocha L, Lin IR, Saitoe M, Tully T, Chiang AS (2005, Apr). NMDA receptors mediate olfactory learning and memory in *Drosophila*. ***Current Biology***, 15：603-615. (SCI, 19/290, BIOCHEMISTRY & MOLECULAR BIOLOGY).