

Publications

Recent Publications

Farhan Mohammad, Sameer Aryal, Joses Ho, James Charles Stewart, Nurul Ayuni Norman, Teng Li Tan, Agnese Eisaka, Adam Claridge-Chang. (2016)
Ancient Anxiety Pathways Influence Drosophila Defense Behaviors.
Current Biology. 2016. <http://dx.doi.org/10.1016/j.cub.2016.02.031>

Adam Claridge-Chang, Pryseley N. Assam. (2016)
Estimation statistics should replace significance testing.
Nature Methods. 2016. <http://dx.doi.org/10.1038/nmeth.3729>

Rapeechai Navawongse, Deepak Choudhury, Marlena Raczowska, James C Stewart, Terrence Lim, Mashiur Rahman, Alicia Guek Geok Toh, Zhiping Wang, Adam Claridge-Chang. (2016)
Drosophila learn efficient paths to a food source.
Neurobiology of Learning and Memory. 2016. doi:10.1016/j.nlm.2016.03.019

Farhan Mohammad, Joses Ho, Chun Lei Lim, Jia Hern Woo, Dennis Jun Jie Poon, Bhumika Lamba, Adam Claridge-Chang. (2015)
Concordance and incongruence in preclinical anxiety models: systematic review and meta-analyses.
bioRxiv. 2015. doi: <http://dx.doi.org/10.1101/020701>

Tugce Yildizoglu, Jan-Marek Weislogel, Farhan Mohammad, Edwin S.-Y. Chan, Pryseley N. Assam, Adam Claridge-Chang. (2015)
Estimating information processing through a memory system: the utility of meta-analytic methods for genetics.
PLOS Genetics. 2015. doi: 10.1371/journal.pgen.1005718.

Schaefer AT, Claridge-Chang A (2012)
The surveillance state of behavioral automation
Curr Opin Neurobiol. 2012 Feb;22(1):170-6. Epub 2011 Nov 24.

Claridge-Chang A, Roorda RD, Vrontou E, Sjulson L, Li H, Hirsh J, Miesenböck G. (2009)
Writing memories with light-addressable reinforcement circuitry.
Cell, 139(2), pp. 405-15.

Shang Y, Claridge-Chang A, Sjulson L, Pypaert M, Miesenböck G. (2007)

Excitatory local circuits and their implications for olfactory processing in the fly antennal lobe.
Cell, 128 (3), pp. 601-12.

Wijnen H, Naef F, Boothroyd C, Claridge-Chang A, Young MW. (2006)
Control of daily transcript oscillations in *Drosophila* by light and the circadian clock.
PLoS Genetics, 2 (3), pp. e39.

Claridge-Chang A, Wijnen H, Naef F, Boothroyd C, Rajewsky N, Young MW. (2001)
Circadian regulation of gene expression systems in the *Drosophila* head.
Neuron, 32 (4), pp. 657-71.