

Publications

*denotes equal contribution, § denotes corresponding authorship

Wee CL*, Song E*, Nikitchenko MN*, Herrera K, Wong S, Engert F[§] and Kunes S[§]. "Social isolation modulates appetite and avoidance behavior via a common oxytocinergic circuit in larval zebrafish", *Nature Communications*, in press

Purushothaman K, Tan JKH, Lau D, Saju JM, Thevasagayam, NM, **Wee CL**[§], Shubha Vij[§]. "Feed restriction modulates growth, gut morphology and gene expression in zebrafish", *International Journal of Molecular Sciences* 2021; 22(4): 1814

Zhang S, Reljic B, Chao L, Kerouanton B, Francisco J, Hou PJ, Mary C, Jaganathan SH, Olexiouk V, Tang C, Fidelito G, Namas S, Cheng RK, **Wee CL**, Loo CW, Roggli PD, Sampath P, Lane L, Petretto E, Sobota, R, Jesuthasan S, Lei S, Reversade, R, Tukker-Kellogg, L, Menschaert G, Stroud, D, Ho, L[§]. "BRAWNIN: A sORF-encoded Peptide Essential for Vertebrate Mitochondrial Complex III Assembly". *Nature Communications*, 2020

Johnson RE, Linderman SW, Panier T, **Wee CL**, Song E, Herrera K, Miller AC, Engert F[§]. "Probabilistic models of larval zebrafish behavior reveal structure on many scales". *Current Biology*, 2020

Chia J, Wall E, **Wee CL**, Cheng RK, Rowland, T, Cheow K, Guillemin S, Jesuthasan J[§]. "Bacteria evoke alarm behavior in zebrafish", *Nature Communications*, 2019

Wee CL^{*§}, Song E*, Johnson RE, Ailani D, Randlett O, Kim J, Nikitchenko M, Bahl A, Yang CT, Ahrens MB, Kawakami K, Engert F, Kunes S[§]. "A bidirectional network for appetite control in larval zebrafish", *eLife*, 2019

Wee CL, Nikitchenko MN, Wang WC, Luks-Morgan S, Gagnon J, Song E, Randlett O, Bianco IH, Lacoste MB, Glushenkova E, Barrios JP, Kunes, S, Schier, AF, Engert F[§] and Douglass AD[§]. "Zebrafish oxytocin neurons drive nocifensive behavior via brainstem premotor targets", *Nature Neuroscience*, 2019

Randlett O, **Wee CL**, Naumann E, Nnaemeka O, Schoppik D, Fitzgerald JE, Portugues R, Lacoste A, Riegler C, Engert, F[§] and Schier AF[§]. "Whole-brain activity mapping onto a zebrafish brain atlas" *Nature Methods*, 2015.

Jordi J, Guggiana-Nilo D, Soucy E, Song E, **Wee CL**, Engert F[§]. "A high-throughput assay for quantifying appetite and digestive dynamics". *American Journal of Physiology - Regulatory, Integrative and Comparative Physiology*, 2015.

Lacoste A, Schoppik D, Robson DN, Haesemeyer M, Portugues R, Li JM, Randlett O, **Wee CL**, Engert F, Schier AF[§]. "A convergent and essential interneuron pathway for Mauthner cell mediated escapes" *Current Biology*, 2015.

Wee CL*, Teo S*, Oey N*, VanDongen, HMA and VanDongen, AMJ[§]. "Nuclear Arc interacts with the histone acetyltransferase Tip60 to modify H4K12 acetylation" *eNeuro*, 2014.