FMRFa receptor stimulated Ca$^{2+}$ signals alter the activity of flight modulating central dopaminergic neurons in *Drosophila melanogaster*

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**Neuropeptidergic modulation of flight in *Drosophila*.**

Image Credit: Images from top, running clockwise are: a silhouette of a fly in flight, schematic of the fly head with its brain shown in red, central dopaminergic neurons of the fly brain, PPL1 cluster of dopaminergic neurons, a neuropeptide ligand with its GPCR and a voltage gated-Ca$^{2+}$ channel on the plasma membrane. Preethi Ravi.