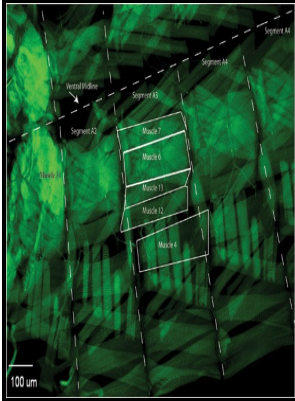


# Ultrastructure of larval neuromuscular junctions in *Drosophila melanogaster* - wild type and dunce.

National Library of Canada - A Genetic Screen for Suppressors of *Drosophila* NSF2 Neuromuscular Junction Overgrowth



Description: -

- Ultrastructure of larval neuromuscular junctions in *Drosophila melanogaster* - wild type and dunce.

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## Neuronal Activity and Adenylyl Cyclase in Environment

PDE-4 associates with the outside boundaries of synaptic vesicle clusters in regions away from active zones. Error bars represent the standard error of the mean for 10 animals. *Drosophila* larval neuromuscular junction: Molecular components and mechanisms underlying synaptic plasticity *Drosophila* larval neuromuscular junction: Molecular components and mechanisms underlying synaptic.

## Glutamatergic synapses of *Drosophila* neuromuscular junctions: a high

The gene search system: a method for efficient detection and rapid molecular identification of genes in *Drosophila melanogaster*. Note that PDE-4 tends to concentrate, sometimes asymmetrically, near the edges of the synaptic vesicle clusters as well as in intersynaptic intervals.

## Neuronal Activity and Adenylyl Cyclase in Environment

Error bars represent the standard errors of the mean for populations of 20 animals at each time point.

## Dunce cAMP Phosphodiesterase PDE

In other words, there is a bell-shaped relationship curve between neuronal activity and ramification of arbors: motor nerve terminal arborization is enhanced with an increase in activity and will become suppressed with additional increases in activity.

## *Drosophila melanogaster* Scramblases modulate synaptic transmission

Fifty micrograms of total RNA was treated with RNase free DNase I TAKARA to eliminate genomic DNA contamination.

## Assembly and Maturation of the *Drosophila* Larval Neuromuscular Junction

Thus, it is relatively easy to score rescue of this phenotype since any change toward normal is an indicator of genetic interaction.

### **Assembly and Maturation of the *Drosophila* Larval Neuromuscular Junction**

Because *rut 1* is a functionally null allele ; , the incomplete suppression of terminal ramification indicated involvement of other mechanisms. A igaki, unpublished results; see.

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