Neuropeptide-Like Peptide Stimulation of Pharyngeal Muscle of Caenorhabditis elegans

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Background: Our lab has an on-going study to study the physiological control of muscle activity in a nematode model. The current study focuses on a novel neuropeptide isolated recently in our laboratory...

Methods: We isolated the neuropeptide using ...from C. elegans strain XY123. Muscle activity was quantified by the method of Jones...

Results: Pilot studies determined a dosage range for use of the neuropeptide. Kinetic studies of peptide activity revealed...

Conclusions: The physiological control of mastication was shown to be...

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