

## VIRTUAL RESEARCH IN ACTION



Join Osama Refai, Ph.D., as he talks about how disrupting dopamine in the brain can cause multiple neurodegenerative and behavioral disorders, including Parkinson's disease, attention-deficit/hyperactivity disorder, addiction, and schizophrenia.

Using the powerful genetic worm model, *C. elegans*, Osama discovered a gene that supports the health and function of dopamine neurons. Treatments with the novel gene, or its product, protect against aging-induced neurodegeneration in a model of Parkinson's disease.



## Will Worms Wriggle Us Closer to Solving Brain Disorders?

Presented by Osama Refai, Ph.D., Research Assistant Professor, Charles E. Schmidt College of Medicine and FAU Stiles-Nicholson Brain Institute

**1 – 2 p.m. EST**  
**Thursday, Nov. 18**

**Register for this event  
by visiting this ZOOM link:  
[bit.ly/3gp9IPW](https://bit.ly/3gp9IPW)**