

The Graduate Program in Biomedical Sciences
is proud to announce the



Ph.D. Dissertation Defense of
OGADINMA KINGSLEY OKAKPU

Biomedical Sciences PhD Candidate
in the Dillman Lab

Dr. Adler Dillman, Chairperson

**Elucidating The Role of a Nematode Secreted PLA2 and Lipid
Signaling in Immunomodulation of *Drosophila melanogaster*'**

For my PhD project I explored the role of a parasitic nematode PLA2 in immunosuppression of *Drosophila melanogaster*. The mechanism for how this enzyme suppressed immunity in the fly was novel as the lipid signaling pathway the enzyme is associated with has yet to be fully characterized and understood in the field. Thus in addition to elucidating how the nematode PLA2 suppressed fly immunity, I also sought to characterize the immunostimulatory capabilities of lipid signaling via the activity of endogenous fly PLA2 enzymes.

Tuesday, May 30, 2023

12:00PM - 2:00PM (PST)

School of Medicine Education Building, Rm. G650 (ground floor)