



United States
Department of
Agriculture

Agricultural
Research
Service

South Atlantic Area
**Center for Medical,
Agricultural and
Veterinary Entomology**

1600/1700 SW 23rd Drive
Gainesville, FL 32608

June 21st, 2018

Dear Editor,

Please consider our submission “Enhanced methods for dsRNA delivery by microinjection: measuring effects of gene silencing on survival and oviposition of *Aedes* mosquitos and house flies” for publication in the Journal of Visualized Experiments. We present a robust method of inducing phenotypic response to dsRNA in adults from two families of Diptera through a detailed injection and fecundity bioassay system that we believe to be best disseminated through demonstration. While a common laboratory practice, the specifics of insect microinjection (needle preparation, insect staging, injection site location, insect recovery) are often glossed over in the literature, and with our enhancements we provide a clear and proven injection technique that can be modified to deliver various biorationals to multiple mosquito and fly species.

Thank you for your time.

Regards,

A handwritten signature in black ink, appearing to read "Neil Sanscrainte", with a stylized, sweeping flourish at the end.

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