

## POSTDOCTORAL ASSOCIATE POSITION ANNOUNCEMENT



**Title:** Postdoctoral Associate

**Location:** College Park, MD

**Department:** CMNS, Entomology

**Supervisors:** Principal Investigator (PI) Niranjana Krishnan

**Salary:** Commensurate with experience. Benefits included.

**Category Type:** Non-tenured, continuing contract (12 months)

**Position description:** The postdoctoral associate will take the lead on a grant-funded project that looks at the sublethal effects of insecticides on insect development. They will develop and execute research to determine the molecular mechanisms involved in causing the sublethal effects. This will involve undertaking antibody studies to determine the role of various neuroactive peptides in insect ecdysis and RNAi studies to knockdown receptor subtypes to determine the molecular binding sites. Individuals with a strong background in molecular biology are encouraged to apply. The associate will be the senior author on one or more publications and will assist with grant writing and graduate student mentoring. The successful candidate will possess excellent organizational skills, technical writing skills, interpersonal communication skills, and the ability to meet deadlines.

**Required qualifications:** PhD degree in biology, molecular biology, or a relevant field (degree should be obtained prior to start date). Candidates must have significant experience in using molecular techniques like immunocytochemistry and RNAi.

**Preferred qualifications:** Working with live animals, particularly insects. Some experience using CRISPR Cas-9 technology.

**Closing date:** For best consideration, apply by June 15, 2023. Applications will be taken until the position is filled. Tentative position start date is August 2023.

**Application materials:** Interested applicants should send a cover letter, CV, and a list of three references to Niranjana Krishnan (nkrish@umd.edu).

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