



The Connecticut Agricultural Experiment Station

*Putting Science to Work for Society since 1875*

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## POSTDOCTORAL RESEARCH SCIENTIST

### Department of Entomology and Center for Vector Biology & Zoonotic Diseases

Pending final approval, the Department of Entomology and Center for Vector Biology & Zoonotic Diseases at the Connecticut Agricultural Experiment Station (New Haven Campus), in collaboration with the Yale School of Medicine and USDA APHIS, seeks applicants for a Postdoctoral Research Scientist position. The role is available to start as soon as possible and focuses on research regarding Alpha-gal syndrome (AGS) and the efficacy of nano-acaricides against tick vectors of human and veterinary health importance. This is a 2-year appointment with a competitive salary and full medical and dental benefits.

**Scope:** The research project, funded by the federal government, will employ serological, molecular, genomic, and biological approaches to investigate: 1) the prevalence of AGS across Connecticut via cross-sectional analysis and its potential relationship to prior tick bites or other tick-borne diseases; and 2) the efficacy of a recently developed nano-acaricide against key tick vectors.

**Required Qualifications:** Candidates must hold a Ph.D. in vector biology, molecular biology, or a related discipline. Essential qualities include excellent verbal and written communication skills, strong organizational abilities, and a demonstrated track record of research productivity through peer-reviewed publications. The successful candidate will possess rigorous training in molecular biology, experience with serological techniques, and expertise in cohort management and insecticide assays. Additionally, a working knowledge of high-throughput sequencing and basic bioinformatics is required.

**Additional Qualifications:** The ability to conduct field work and work effectively within a collaborative team is required. Applicants must possess a valid US driver's license. The successful candidate will also be expected to supervise undergraduate students and technical staff to fulfill the project's research objectives.

**To apply:** Interested candidates should submit a single PDF document via email containing: (1) a cover letter addressing the requirements above, (2) a CV, and (3) contact information for three professional references to Dr. Goudarz Molaei ([Goudarz.Molaei@ct.gov](mailto:Goudarz.Molaei@ct.gov)). Application review will begin immediately and continue until the position is filled.

**About Us:** Founded in 1875, The Connecticut Agricultural Experiment Station (CAES) is a state-supported institution dedicated to basic and applied research supporting plant, environmental, and human health. With over 80 full-time researchers, CAES fosters a highly collaborative environment and maintains close ties with Yale University and the University of Connecticut.

**Equal employment opportunity** means employment of people without consideration of age, ancestry, color, criminal record (in state employment and licensing), gender identity or expression, genetic information, intellectual disability, learning disability, marital status, mental disability (past or present), national origin, physical disability (including blindness), race, religious creed, retaliation for previously opposed discrimination or coercion, sex (pregnancy or sexual harassment), sexual orientation, veteran status, and workplace hazards to reproductive systems unless the provisions of sec. 46a-80(b) or 46a-81(b) of the Connecticut General Statutes are controlling or there are bona fide occupational qualifications excluding persons in one of the above protected classes. To file a complaint of discrimination, contact Dr. Jason White, Director, The Connecticut Agricultural Experiment Station, 123 Huntington Street, New Haven, CT 06511, (203) 974-8440 (voice), or [Jason.White@ct.gov](mailto:Jason.White@ct.gov) (e-mail). CAES is an affirmative action/equal opportunity provider and employer. Persons with disabilities who require alternate means of communication of program information should contact the Chief of Services, Michael Last at (203) 974-8442 (voice), (203) 974-8502 (FAX), or [Michael.Last@ct.gov](mailto:Michael.Last@ct.gov) (e-mail).

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