Video Article

Predicting the Effectiveness of Population Replacement Strategy Using Mathematical Modeling

John Marshall, Koji Morikawa, Nicholas Manoukis, Charles Taylor
Department of Ecology and Evolutionary Biology, University of California, Los Angeles

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Abstract

Charles Taylor and John Marshall explain the utility of mathematical modeling for evaluating the effectiveness of population replacement strategy. Insight is given into how computational models can provide information on the population dynamics of mosquitoes and the spread of transposable elements through *A. gambiae* subspecies. The ethical considerations of releasing genetically modified mosquitoes into the wild are discussed.

References