

WHO guidance framework for testing GM mosquitoes; what does it mean for gene drive research?

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Abstract

The World Health Organization Guidance framework provides standards for development, testing, and regulated use of genetically modified mosquitoes (GMM), a relatively new public health tool for unmet vector control and disease transmission needs. The diversity of GMM application types and use conditions, and related ethical, legal, and societal issues arising during testing and use have led to stakeholders desiring standards for quality, safety, and efficacy assurance. This talk will provide an overview of the primary considerations outlined in the 2021 revised guidance and what they mean for developers, regulators, and publics.

Key words:

Genetically Modified Mosquito, Guidance, World Health Organization