



“The GeneConvene Global Collaborative advances best practices and informed decision making for the development of genetic biocontrol technologies to improve public health.

GeneConvene offers technical information, advice, training, and coordination for research on gene drive and other genetic biocontrol technologies—technologies using genetic variants of a target species, like a disease-transmitting mosquito, to control its undesirable impacts.

GeneConvene currently focusses its efforts on genetic biocontrol methods that can impact malaria transmission in sub-Saharan Africa by reducing the numbers of vector mosquitoes or their ability to transmit the malaria parasite. New scientific advances like engineered gene drive-containing mosquitoes have the potential to be powerful tools to augment ongoing integrated vector management. GeneConvene strives to ensure that open scientific, regulatory, and policy questions are addressed by delivering accurate and timely information to all stakeholders and providing resources and training for the development of functional genetic biocontrol governance frameworks at the local, national, regional, and international level. By clarifying the development pathway for gene drive mosquitoes and strengthening capacity for informed decision-making about their testing and use, GeneConvene works to ensure the development of ethical, safe, and effective new tools for control and elimination of vector-borne diseases.”