Gene Drive Modified Organisms and Practical Considerations for Environmental Risk Assessment

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Bringing Scientists Together

The ILSI Research Foundation is a non-profit, public charitable organization with a mission to bring scientists together to improve environmental sustainability and human health.

Working for Public Benefit

As an international science leader, the ILSI Research Foundation collaborates with experts to respond to relevant issues that have a global impact. Our research, capacity building, educational and outreach efforts include:

- Biosafety Capacity Building
- Data Transportability for Field Trial Research
- Environmental Risk Assessment of Genetically Engineered Crops
- Environmental Risk Assessment of Gene Drives
- Genetically Engineered Food and Feed Safety Assessment
- Genetically Engineered Food Safety Capacity Building
- Nutrition
- South Asia Biosafety Program
- Sustainable Nutrition Security
- UNEP-GEF Phase II Project

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ILSI Research Foundation’s biotechnology programs

Seek to enable the development and application of sound science to the environmental risk assessment and food safety assessment of agricultural biotechnologies so their contributions to sustainable production of food, fuel and fiber may be safely realized
Our work on gene drive

Focuses on environmental risk assessment of gene drive technology in mosquitoes

- “Problem Formulation” for a systematic evaluation of potential risks associated with the use of mosquitoes genetically modified through gene drive technology to reduce the burden of malaria in Africa
- Consultations to inform ERA in Ghana, Kenya and Botswana in partnership with FNIH and NEPAD
- OECD consensus documents on the biology of *Aedes aegypti* and *Anopheles gambiae*
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Our speakers

Our moderator
Our Moderator: Dr. Sue Meek, AO FAICD FTSE

"Increased understanding of science in the community will help people to feel empowered to participate in debate and make informed choices on its use, and to better evaluate information that is presented by others."

2008-2016: Chief Executive of the Australian Academy of Science

2001-2008 Australia's inaugural Gene Technology Regulator

Honorary Professor, The Australian National University

Officer of the Order of Australia

- PhD in Marine Biology, James Cook University
- MSc in Oceanography, University of Southampton
- Bachelor of Science (Hons) in Microbiology, University of Surrey