



You are invited to join us for the next

ISBR WEBINAR

Biosafety
considerations
for gene drive
organisms



Thu
04
JUN

GMT 14:00-15:00

SAVE TO YOUR CALENDAR

ABSTRACT

Gene drive systems are being explored as a potential tool for managing certain animal and plant populations, including invasive species, by spreading specific genetic traits. While some applications, such as those in mosquitoes, are advancing toward field-relevant research stages, others, including work in other insect and mammal species, remain in earlier phases of investigation. Given this evolving landscape, a key consideration is how existing biosafety frameworks can be applied in a scientifically robust and transparent manner. Risk assessment and post-release monitoring remain central considerations in jurisdictions where gene drive research or potential applications are under discussion.

One useful approach is **problem formulation**, which underpins the risk assessment guidance developed under the Cartagena Protocol for Biosafety (CPB; https://bch.cbd.int/protocol/cpb_technicalseries.shtml#bst7). This guidance, prepared by the Ad

Hoc Technical Expert Group on Risk Assessment and the Subsidiary Body on Scientific, Technical and Technological Advice, provides a structured method for identifying plausible pathways to harm and determining relevant data needs. Many countries have expressed interest in capacity building to support its practical application.



MICROSOFT TEAMS MEETING

Thursday, 4 June 2026, 14:00 - 15:00 (GMT)

<https://teams.microsoft.com/meet/321396603230609?p=Qrx4OIRaWJ43n1P92r>

Meeting ID: 321 396 603 230 609

Passcode: eC6KF9r8

Or scan this QR code

SPEAKERS



The ISBR webinar will feature two speakers with complementary expertise.

Brinda Dass (Deputy Director, GeneConvene Global Collaborative, FNIH, USA) will provide an overview of the CPB guidance document and the application of problem formulation in risk assessment.

Felix Moronta (Senior Program Assistant, Regulatory Science Group, ICGEB, Italy) will present insights from ongoing monitoring of gene drive research and governance developments through a living literature review covering biosafety, biosecurity, and regulatory considerations (<https://monitoringgenedrives.com/about-this-project>).

CHAIR

Vibha Ahuja

Chief General Manager of Biotech Consortium India Ltd, and
ISBR Board Member



The ISBR

Promotes the practice and application of science in applied biotechnology and risk analysis. In particular, the ISBR aims to encourage research, development, and communication that support the safe and sustainable use of biotechnology and facilitate the development of appropriate policy and regulation.

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ISBR2027

ISBR's biennial symposia bring together the global biosafety community to exchange knowledge, share real-world experience, and shape the future of sustainable bio-innovation. We warmly invite you to join us in Bali, Indonesia, in Q4 2027 for the next ISBR Symposium. Follow us on social media to stay informed.

Visit our website for more information - <https://isbr.info/symposium>

Stay connected, get involved, and be part of the conversation shaping the future of sustainable bio-innovation.



ISBR | 1156 15th Street Suite 200 | Washington, DC 20005 US

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