

5th Asian Short Course on Agribiotech, Biosafety Regulation and Communication (ASCA5)

Acacia Hotel Manila, Muntinlupa City, Philippines

November 7-11, 2022

The potential of agribiotechnology to contribute to sustainable agriculture depends on R&D as well as on the integration of other factors such as effective communication, science-based national regulatory frameworks, and an adequate understanding of international legal instruments. Strong collaboration among scientists, regulators, policy makers, and lawyers is important so that science and regulation can co-evolve and society can benefit from modern biotechnology while risks are minimized.

ISAAA Inc. hosts the 5th Asian Short Course on Biotechnology Regulation and Communication (ASCA) in Manila, Philippines on November 7-11, 2022. The first

ASCA was conducted in Malaysia in 2018, the second in the Philippines in 2019, and the 2020 and 2021 courses were conducted virtually.

The short course is designed to enable participants to better understand the following topics:

- entire value chain related to research, development, commercialization, and trade of living modified organisms (LMOs);
- national and international legal instruments related to LMOs;
- effective communication of agribiotechnology and biosafety regulation; and
- science diplomacy in international negotiations

SCOPE OF THE TRAINING

1. Conceptual first-hand information from scientists, the development of biotech (genetic modification and genome editing) of crops and animals (from the lab to the market).
2. Lecture, discussion, and exercises on environmental and food/feed safety assessment of biotech products.
3. Role of modern biotechnology in agriculture, its benefits and impact on trade and economy.
4. Strategic communication methods (in quad media) including risk communication.
5. Basics of science diplomacy and its use in international negotiations.

REGISTRATION

Register now at: bit.ly/registerASCA2022

FEES

Participants' Fees: US\$1,000 exclusive of fund transfer service charges.

Inclusive: Accommodation, transport during visits to biotech farms and research institutes, and exclusive access to workshop and training kits (bios, abstracts, PPT presentations, and related references).

Payment methods: Paypal: bit.ly/ASCA2022Pay
For other methods, please contact us.

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RESOURCE PERSONS



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Mohammad Adeel
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SCOPE OF THE COURSE:

Session I. Introductions: Crop Improvement Technologies and Convention on Biological Diversity and Its Protocols

- The evolution of technology in crop improvement
- Introduction to the Convention on Biological Diversity and its Protocols, their Governing bodies and the Post 2020 Global Biodiversity Framework. The impact to R&D and trade.
- Post 2020 GBF: Targets 10, 13, 17 and DSI
- Key biotechnology/biosafety related items on the agenda of COP15 and MOP10
- Socio-Economic Considerations in decision making
- Update of discussions under COP15-MOP10 (A CPB component)

Session II. Gene Editing and its Regulations

- Applications of Gene Editing: Agriculture and beyond
- New breeding Techniques – genome editing – regulatory considerations
- The status of the regulation of genome/gene-edited crops and produce in Asia and Australasia.

Session III. Updates from the CBD

- Updates from CBD secretariat
 - Annotated agenda
 - Post-2020 Post Global Biodiversity Target, in particular Target 17
 - Biosafety Clearing-House

- The role of Risk Assessment and its relation to other key topics under COP15-MOP10, e.g.:
 - AIA procedure, simplified procedures
 - Unintended transboundary movements
 - Liability and redress
- Preparing for COP15-MOP10 – logistics, communication
- Preparing for national incorporation for an enabling biosafety framework

Session IV. More Genetic Technologies

- Synthetic Biology and its applications and Update of discussions under the COP
- Gene Drives and their potential application in vector control - Update of discussions under COP15-MOP10
- Country presentations: Current developments, potential, challenges in agbiotech, Post 2020 GBF

Session V. Communicating Agbiotech

- Effective communication approaches
- Role play: Participant engagement
- Science Diplomacy: Why is it important for agbiotech
- Biodiplomacy Game I: Negotiating policies on gene editing
 - Introduction and role play instructions
- Biodiplomacy Game II: Negotiating Post 2020 GBF – Target 17
 - Draft Statements
 - Role play (Post 2020 GBF – Target 17)