



MEETING AGENDA

Agricultural Biotechnology in Developing Countries

September 26-29, 2022

The Banbury Center, Lloyd Harbor, New York
and remotely, via Zoom

This meeting was organized by

Kate M. Creasey Krainer, Grow More Foundation; and
Richard J. Roberts, New England Biolabs

and generously funded by:

Grow More Foundation

Integrated DNA Technologies

Corteva Agriscience

Foundation for Food & Agriculture Research (FFAR)

New England Biolabs

2Blades Foundation

International Centre for Genetic Engineering and Biotechnology (ICGEB)

Howard Grace & Morgan Stanley

This meeting was designed to be one continuous open discussion, for all participants to actively engage and substantively contribute towards impactful outcomes. Tuesday focused on the challenges, issues, and problems impacting the science R&D, agriculture infrastructure, and funding technology development in the Global South. Wednesday covered the potential solutions and opportunities to these challenges. On Thursday, the group reviewed the priority of all points raised and strategized output(s).

MONDAY, SEPTEMBER 26

Afternoon Arrivals and check-in at Robertson House

6:00 pm Reception and dinner



TUESDAY, SEPTEMBER 27

- 7:15 am** Breakfast
- 8:30 am** Welcome and Meeting Objectives
Rebecca Leshan, Banbury Center
Kate Creasey Krainer, Grow More Foundation
- 8:45 am** **SESSION 1: Challenges in Funding Agricultural Development**
Marc Albertsen, Albertsen Crop Genetics for Humanity
(v) Barbara Mugwanya Zawedde, National Agricultural Research Organization
Eric Danquah, West Africa Centre for Crop Improvement
- 10:50 am** **SESSION 2: Challenges Associated with the Adoption of Agricultural Biotechnology**
Maria Andrade, CIP-Mozambique, International Potato Center
(v) Gilbert Arap Bor, Global Farmer Network
(v) Henry Wagaba, National Agricultural Research Organization
Benjamin Ubi, Arid Land Research Center, Tottori University
- 12:30 pm** Luncheon
- 2:45 pm** **SESSION 3: Challenges of Applying Biotechnology to Agriculture**
Leena Tripathi, International Institute of Tropical Agriculture
Rajeev Varshney, Murdoch University
Ihuoma Okwuonu, National Root Crops Research Institute
Michael Itam, Michigan State University
- 4:45 pm** **Day One Discussion**
Moderator: Richard Roberts, New England Biolabs
Addressing the challenges that face ag biotech development in the Global South
- 6:00 pm** Reception and dinner



WEDNESDAY, SEPTEMBER 28

- 7:15 am** Breakfast
- 8:30 am** **SESSION 4: Opportunities in Funding Agricultural Development**
Diana Horvath, 2Blades Foundation
Todd Jones, Corteva Agriscience
Vipula Shukla, The Bill & Melinda Gates Foundation
- 10:30 pm** **SESSION 5: Opportunities for Developing Agricultural Science**
Amandla Ooko-Ombaka, McKinsey & Company
(v) Inez Slamet-Loedin, International Rice Research Institute
Robert Bertram, USAID
- 12:15 pm** Luncheon
- 2.45 pm** **SESSION 6: From Technology Products to Delivery**
Kwesi Atta-Krah, IITA
Eric Danquah, West Africa Centre for Crop Improvement
Edith Mugehu, Cornell University CALS
- 4:45-5:30 pm** **Day Two Discussion**
Moderator: Vittorio Venturi, International Centre for Genetic Engineering and Biotechnology (ICGEB)
Summarizing the opportunities and solutions for agricultural biotechnology development in the Global South
- 6:00 pm** Reception and dinner



THURSDAY, SEPTEMBER 29

7:15 am Breakfast

8:45 am **SESSION 7: What We Heard and What We Missed**

Chair: Robert Zeigler, International Rice Research Institute, Portland, USA
Summarizing the challenges, clarifying questions

10:30 am **SESSION 8: Meeting Wrap-Up, Next Steps**

Chair: Marc Albertsen, Albertsen Crop Genetics for Humanity
Summarizing the opportunities & solutions, clarifying questions
Outlining recommendations/output, timelines/assigning roles

12:00 pm Luncheon

1:30 pm Participant Departures

— END OF PROGRAM —



PARTICIPANTS

Marc Albertsen, Albertsen Crop Genetics for Humanity

Maria Andrade, CIP-Mozambique, International Potato Center

Gilbert Kimutai Arap Bor, Global Farmer Network & Catholic University of Eastern Africa

Kwesi Atta-Krah, Office of the Director General, International Institute of Tropical Agriculture (IITA)

Robert Bertram, United States Agency for International Development (USAID)

Kate M. Creasey Krainer, Grow More Foundation

Eric Danquah, WACCI, University of Ghana

Diana Horvath, 2Blades Foundation

Sessen Daniel Iohannes, Cold Spring Harbor Laboratory

Michael Itam, Michigan State University

Todd Jones, Corteva Agriscience

Francis Lavoe, Grow More Foundation

Edith Mugehu, Cornell University CALS

Ihuoma Okwuonu, National Root Crops Research Institute, Umudike

Amandla Ooko-Ombaka, McKinsey & Company

Richard Roberts, New England BioLabs, Inc.

Vipula Shukla, The Bill & Melinda Gates Foundation

Inez Slamet-Loedin, International Rice Research Institute

Leena Tripathi, International Institute of Tropical Agriculture (IITA)

Benjamin Ubi, Arid Land Research Center, Tottori University, Japan

Rajeev Varshney, Murdoch University

Vittorio Venturi, International Centre for Genetic Engineering and Biotechnology (ICGEB)

Henry Wagaba, National Agricultural Research Organisation

Barbara Zawedde, National Agricultural Research Organization (NARO) Uganda

Robert Zeigler, International Rice Research Institute