



# Rising Early Shortens the Journey.

- African Proverb





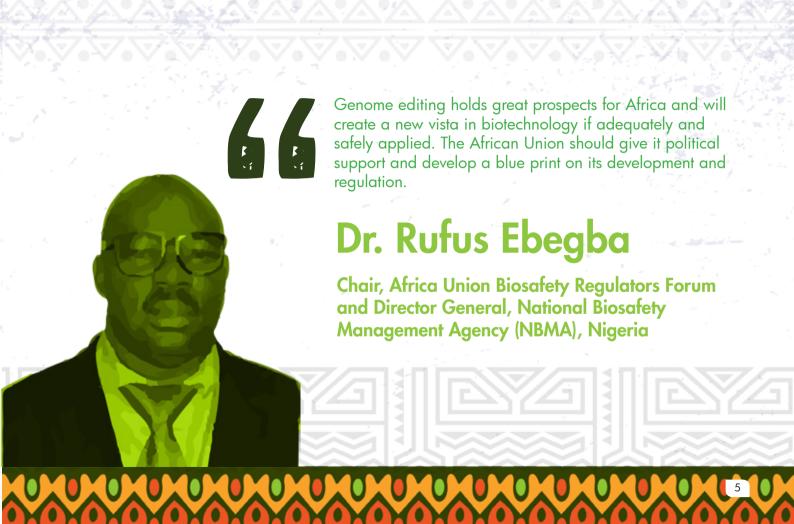


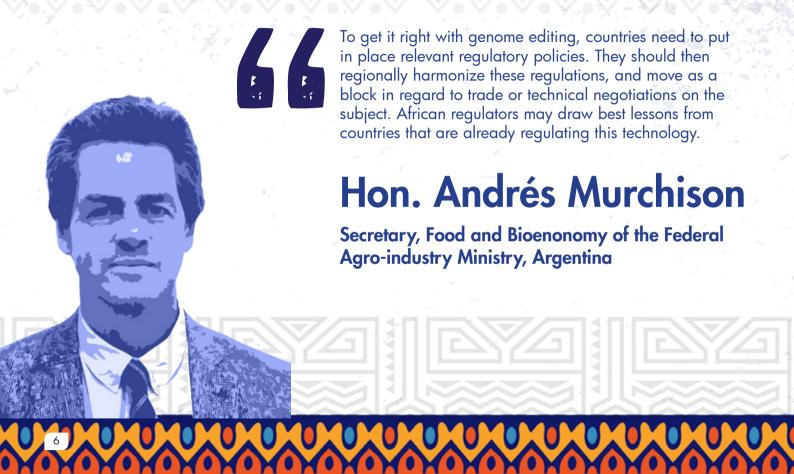


Gene editing provides an opportunity to capture the tremendous potential for African scientists to develop homegrown solutions to food insecurity and climate change by producing high yielding seeds, disease and pest resistant crops with sound diverse nutritional base.

# **Prof Yaye Gassama**

Chair of African Union High-level Panel on Emerging Technologies (APET) and Vice-chair of the National Science Academy of Senegal, Senegal







The global community must come together to have conversations about gene editing and its unlimited potential to solve the world's health and food challenges now. By engaging diverse perspectives and communicating in a way that earns public trust, the consumers will understand the importance of creating a sustainable food supply.

### Ms. Amy te Plate-Church

Gene editing Outreach Project Leader, Centre for Food Integrity, USA



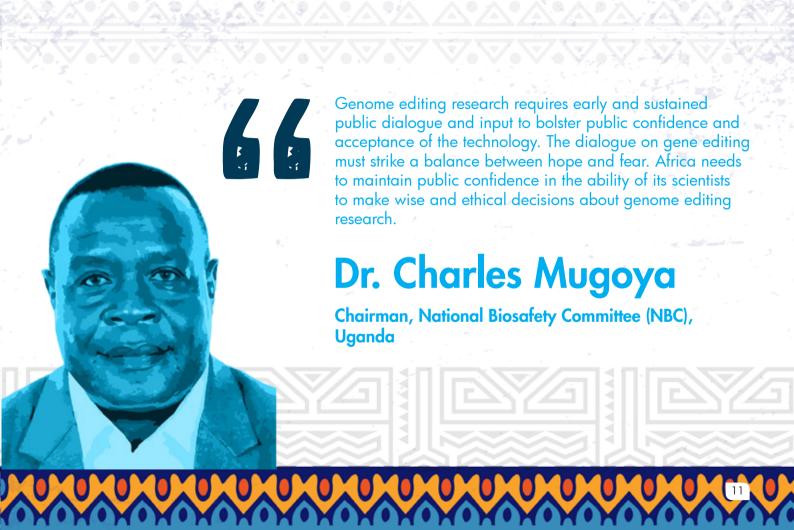
Genome editing, when adopted, will transform the agricultural sector, increase productivity, generate income and improve the livelihood of African farmers. My hope is that African governments will not bundle the technology's regulation under GMOs. To get it right, Africa must build capacity in this field, establish legislation that will favour the use and implementation, provide the necessary facilities and a conducive research environment, and avail funds to scientists working on this technology

# Prof. Benjamin Ubi

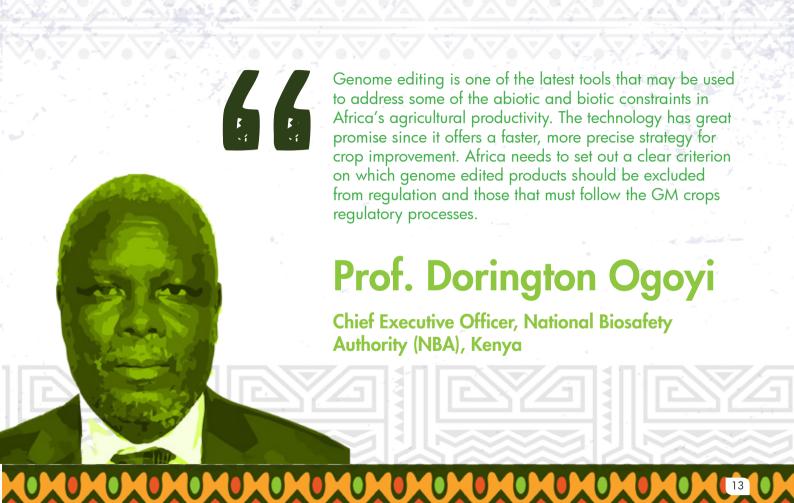
Professor of Plant Breeding and Biotechnology, Dept.of Biotechnology, Ebonyi State University, Nigeria











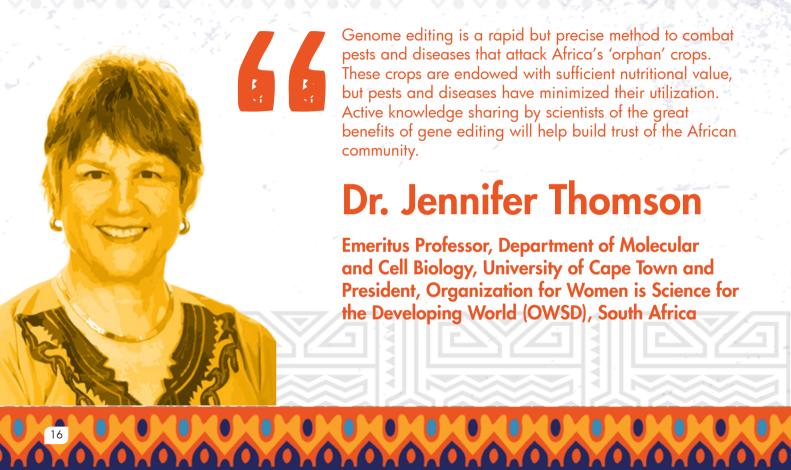




Genome editing will enable researchers to unlock the full potential of seed and democratize genome-based innovation. However, inaccurate risk perceptions could birth restricting policies leading to another missed opportunity for Africa. African researchers need to create products with tangible benefits to the consumer.

#### Dr. Hennie Groenewald

Executive Manager, Biosafety South Africa, South Africa



Genome editing is a rapid but precise method to combat pests and diseases that attack Africa's 'orphan' crops. These crops are endowed with sufficient nutritional value, but pests and diseases have minimized their utilization. Active knowledge sharing by scientists of the great benefits of gene editing will help build trust of the African community.

#### **Dr. Jennifer Thomson**

**Emeritus Professor, Department of Molecular** and Cell Biology, University of Cape Town and President, Organization for Women is Science for the Developing World (OWSD), South Africa



I trust that genome editing will turn out to be as important to Africa's agriculture as conventional plant breeding, fertilizer and phone-based weather and marketing information. This is another tool for better crops, bigger harvests and prosperity for farmers.

#### Ms. Jill Kuehnert

Communications Consultant, Seed Stories, USA















Gene editing technology can provide food and seed security in a developing continent like Africa. I hope that gene-editing technology will be used to improve the lives of all socio-economic groups in the region. For us to get it right we need to educate, don't over regulate and engage with the public.

# Dr. Magdeleen Cilliers

Policy and Research Officer, South African National Seed Organization, South Africa



Africa cannot afford to miss genome editing like it missed green revolution and genetic modification. Gene editing is the perfect tool to arrest malnourishment, feed the growing population and cope with climate change. African countries should make decisions based on science rather than activism to avoid regulatory oversight.

## Dr. Mahaletchumy Arujanan

Global Coordinator, ISAAA and Executive Director, Malaysian Biotechnology Information Center, Malaysia





Africa's chance to benefit from genome editing lies heavily on the ability to efficiently regulate and communicate its potential. When scientists shy away from communicating about their research, other entities will miscommunicate it on their behalf.

## Dr. Margaret Karembu

Director, International Service for the Acquisition of Agri-biotech Applications (ISAAA) AfriCenter, and Chair, Africa Women for Biosciences (AWfB), Kenya





Genome editing is a technology that should be leveraged to make Africa's crops more nutritious and resistant to diseases thus bringing about increased yields. This will be key in realizing a food secure continent whose farming population reaps a fortune from agriculture. Science and evidence should influence the process of making regulations that will guide adoption of genome edited products.

#### Patricia Nanteza

Cornell Alliance for Science Fellow and Communications Specialist, National Agricultural Research Laboratories (NARL), Uganda

