



# Animal Biotechnology: The Next Frontier

## Stakeholders Sensitization and Awareness Workshop on Animal Biotechnology Applications and Regulatory Perspectives

22 - 24 March 2021 Naivasha, Kenya.

### Workshop Objectives:

1. To share experiences on status of animal biotechnology research, regulatory and commercial approvals globally and regionally.
2. To create linkages among animal biotechnology stakeholders for leveraging on knowledge, scientific infrastructure and nurturing of enabling policies.
3. To identify priority needs and opportunities for animal biotech applications for facilitating development of a practical roadmap and steering the continent forward in line with Agenda 2063 and the ST&I Strategy for Africa (STISA-2024).
4. To develop a communication outline for creating awareness on animal biotechnology

### EVENT PROGRAM

TIME	SESSION	FACILITATOR
<i>Day 1 – status of animal biotechnology research and development</i>		
<i>Facilitator – Dr. Mary N. Mbole-Kariuki (AU-IBAR)</i>		
9:00 am	Arrival and registration	AU-IBAR
9:30 am – 10:00 am	Welcome remarks from AU-IBAR  Brief Remarks by: Director, ISAAA AfriCenter, National Biosafety Authority USDA/FAS PS State Dept of Livestock	
10:00 am – 10:15 am	Introductions	All
10:15 am – 10:30 am	Workshop objectives	NBA
10:30 am – 11:00 am	Keynote Address:  How can Animal Biotechnology contribute to Agenda 2063, ST&I Strategy for Africa (STISA-2024), and the Sustainable Development Goals (UN-SDGs)	Director International Livestock Research Institute (ILRI)
11:00 am – 11:30 am	<b>COFFEE BREAK</b>	All
11:30 am – 11:50 am	Evolution of animal improvement technologies	Prof. Anne Muigai



TIME	SESSION	FACILITATOR
11:50 am – 12:10 pm	The role of biotechnology in addressing key challenges in animal production and health	Dr. Martin Mwirigi, Kenya Agricultural and Livestock Research Organization
12:10 pm – 1:15 pm	Challenges and opportunities in the uptake of animal biotechnologies	Group work
1:15 pm – 2:00 pm	<b>LUNCH BREAK</b>	All
2:00 pm – 2:30 pm	Groups report back	All
2:30 pm – 3:00 pm	Global Status of Animal Biotechnology Research and Development: Genetic modification and gene editing to address increasing animal food demands and environmental challenges.	Dr. Eveline Ibeagha-Awemu, Sherbrooke Research & Development Centre, Agriculture and Agri-Food, Canada
3:00 pm – 3:30 pm	Regulating Animal Biotechnology: A Global Overview	Diane Wray-Cahen (USDA)
3:30 pm – 4:00 pm	Discussion	All
4:00 pm	<b>Closing Day 1</b>	
<b>Day 2 - Policies and Regulations Governing Animal Biotechnology and Food Safety</b>		
<b>Facilitator – Dr. Christopher Wanga Director, Directorate of Policy, State Department of Livestock</b>		
9:00 am – 9:20 am	Policy frameworks and governance of animal biotechnology in Kenya	Directorate of , Policy, State Department of Livestock
9:20 am – 9:40 am	Regulating Animal Biotechnology in Kenya: Progress, Challenges and Opportunities	Prof. Dorington Ogoyi CEO, National Biosafety Authority
9:40 am – 10:00 am	The Current Status of Biosafety Regulatory Frameworks of African Union Members States and their suitability for regulation of Genetically Modified Animals	Dr. Silas Obukosia Obwogo, Coordinator of Regional Office, Nairobi Kenya, AUDA-NEPAD
10:00 am – 10:3 am	Discussion	All
10:30 am – 11:00 am	<b>COFFEE BREAK</b>	ALL
11:00 am -12:00 pm	Group Discussion – Building Robust Regulatory Systems	
12:00 pm – 12:30 pm	Groups report back	All
12:30 pm – 12:50 pm	Food safety aspects of animal biotechnology (GM/GE)	AU-IBAR
12:50 pm – 1:00 pm	Discussion	All
1:00 pm – 2:00 pm	<b>LUNCH BREAK</b>	All
2:00 pm – 3:00 pm	Group discussion – Concerns on GM/GE animals	All
3:00 pm – 3:30 pm	Groups report back	All
3:30 pm – 3:50 pm	Industry perspectives of animal biotechnology	TBD
3:50 pm – 4.10 pm	Discussion	All
4:10 pm	<b>Closing day 2</b>	
<b>Day 3: The Role of Communication and Stakeholder Engagement in Adoption of Animal Biotechnology</b>		
<b>Facilitator – Dr. Margaret Karembu, MBS, Director ISAAA AfriCenter</b>		
9:00 am – 9:20 am	Why communicate about animal biotechnology? Lessons from Crop Biotechnology	Bibiana Iraki-Kipkorir, ISAAA AfriCenter
9:20 am – 10:00 am	Plenary discussion – strengthening linkages and partnerships among stakeholders in biotechnology and biosafety	Facilitated by Dr. Roy Mugiira
10:00 am – 10:30 am	<b>COFFEE BREAK</b>	ALL

<b>TIME</b>	<b>SESSION</b>	<b>FACILITATOR</b>
10:30 am – 12:00 pm	Group work – animal biotechnology communication outline;  (a) Identifying the audience (b) Framing key messages	AU-IBAR/ ISAAA AfriCenter
12:00 pm – 12:30 pm	Groups report back	All
12:30 pm – 2:30 pm	<b>LUNCH BREAK</b>	All
2:30 pm – 2:45 pm	Way forward and recommendations  (a) Action Plan (b) Press Release	Henry Wamwayi [AU-IBAR] Ann Muia/Godfrey Ngure
2:45 pm – 3:00 pm	Vote of Thanks	
3:00 pm	<b>DEPARTURE</b>	

