



Genetic Innovations in Livestock and Fisheries

May 18, 2021



Moderator

Dr. Adegbola Adesogan, Professor and Director of the Food Systems Institute, University of Florida. Dr. Adesogan has authored or co-authored over 200 scientific publications and received over \$70,000,000 in research grants. He chaired the Council of Feed the Future Innovation Lab Directors. His research interests include sustainable improvement of livestock production, using animal-source foods to improve human nutrition and health, and improving the quality of forages to improve animal production.



Genetic Innovations in Poultry

Dr. Susan Lamont, Charles F. Curtiss Distinguished Professor, Iowa State University. Dr. Lamont's research has focused on elucidating the genomic control of important biological traits in chickens, including resistance to disease and heat stress. She also focuses on the impact of functional genomics on biological performance. Dr. Lamont is a Fellow of the Poultry Science Association and the American Association for the Advancement of Science and has been awarded the Merck Award for Achievement in Poultry Science.



Genetic Innovations in Livestock

Dr. Steve Kemp, Program Lead, Livestock Genetics Program at the International Livestock Research Institute. Dr. Kemp's research focuses on informatics systems and genomics of tropical adaptation, particularly host-pathogen interactions and mechanisms of tolerance and resistance. He is a Professor in tropical genetics at the University of Edinburgh.



Genetic Innovations in Fisheries and Aquaculture

Dr. Rose Basiita, Global Scientist, WorldFish. Based in Zambia, her research in fish genetics is helping to advance sustainable aquaculture production in the Southern and East Africa region. Dr. Basiita leads the Genetic Improvement Program of the *Oreochromis andersonii* on the wider Zambia Aquaculture Development project with the government of Zambia.

Future forum themes

- Innovations in Genetic Improvement of Agricultural Systems – beginning **May 11, 2021**
- Innovations in Post-Harvest Management – beginning **June 29, 2021**
- Innovations in Entrepreneurship, Especially Among Youth – beginning **August 24, 2021**
- Innovations in Information and Communication Technologies – beginning **October 19, 2021**
- Innovations in Scaling – beginning **December 14, 2021**

About the Global Agriculture Innovation Forum:

The Global Agriculture Innovation Forum is a joint undertaking between USDA's Foreign Agricultural Service and Purdue University's Office of International Programs in Agriculture. The Forum will be valuable to entrepreneurs, producers, value-chain operators, service providers, and researchers, as well as donor agencies and implementing partners, and consists of a series of virtual events held throughout 2021.

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