



National Conference
ON
Advances in Genetics and Genomics for Sustainable Livestock Transformation
&
XVII Annual Convention of Indian Society of Animal Genetics & Breeding

16-17th November, 2023

— Hybrid Mode —



Dr. Himanshu Pathak

Secretary, DARE and DG,
 ICAR, New Delhi, India
(Key Note speaker)



Dr. B P Mishra

Director, ICAR-NBAGR, Karnal, Haryana, India

Understanding of National Animal Genetic Resources and their sustainable utilization: Challenges and opportunities



Dr. Curtis P Van Tassell

Animal Genomics and Improvement Laboratory, USDA-ARS, Maryland, USA

Genetic improvement of small ruminants in the developing countries

(ONLINE)



Dr. G K Gaur

ADG (AP&B), ICAR, New Delhi, India

A SWOT analysis of animal breeding practices in India and way forward



Dr. A R Rao

Assistant Director General (PIM),
 ICAR, New Delhi, India

Statistical and Computational Aspect of Genomic Selection for Trait Improvement



Dr. Artur J M Rosa

Brazilian Agricultural Research Corporation (EMBRAPA) Embrapa Cerrados, Brasilia, Brazil

Genetic improvement of *Bos indicus* in Brazil

(ONLINE)



Professor Ben Hayes

Centre Director, Animal Science, Queensland Alliance for Agriculture and Food Innovation, Australia

Emerging role of animal breeding in addressing climate change, environmental mitigation and adaptation for sustainable livestock production

(ONLINE)



Dr. Chinyere Ekine-Dsivenu

International Livestock Research Institute (ILRI) Kenya

Phenomics and its potential impact on livestock development: innovative applications of emerging digital technology

(ONLINE)



Dr. T K Dutta

Director, ICAR-CIRB, Hisar, Haryana, India

Genomic dissection of fertilising spermatozoa: Time for a new equation to assess male fertility



Dr. T K Bhattacharya

Director, ICAR-NRCE, Hisar, Haryana, India

Advancement in Gene Editing Technology and its applications in livestock sector



Dr. Nilesh Nayee

National Dairy Development Board, Anand, Gujarat, India

Genomic Selection in India: Current Status, Opportunities and Challenges



Dr. Manishi Mukesh

Principal Scientist, ICAR-NBAGR, Karnal, Haryana, India

Multi-omic approaches for characterizing adaptation and milk attributes in bovines from high altitudes



Dr. Sanjeev Singh

Principal Scientist, ICAR-NBAGR, Karnal, Haryana, India

Genomic application to understand evolution and domestication of animal genetic resources



Dr. Benjamin D Rosen

Animal Genomics and Improvement Laboratory, USDA-ARS, Maryland, USA

Implications of Pangenomic research in livestock genetic improvement

(ONLINE)



Dr. Basavaraj Sajjanar

ICAR-Indian Veterinary Research Institute, Hebbal, Bengaluru, Karnataka, India

Deciphering the role of epitranscriptomics in livestock and poultry

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