



National Workshop

REGISTRATION
FREE

on

Genome Editing Technologies in Livestock



07-13
August 2023

About the workshop

Genome editing is the precise, targeted alteration of a DNA sequence in a living cell. In farm animal breeding, it could be used to produce animals with specific traits that might be difficult to achieve using conventional selective breeding approaches. This workshop provides the guest lectures on basic, translational applications and strategies of genome editing in farm animals, practical demo on design of CRISPR sgRNAs, predicting off target effects.

Workshop topics

- Basics of genome editing
- In-Silico tools to design to gene editing constructs
- Assisted reproductive technologies for genome editing applications
- Genome editing strategies in farm animals
- Advanced genome editing tools
- Status of genome editing in India and Overseas

Who can participate

Applications are invited from students, Post-Docs & Young faculty (professors/ scientists). Interested candidates are requested to submit online application form. There will be no participation fee for the workshop. No TA/DA or accommodation will be provided for the workshop. Screened applications will be informed through email.

Certificates will be issued to participants.



PATRON

Dr. A. K. Singh
Joint Director (Academics)
ICAR-NDRI, Karnal



CHIEF-PATRON

Dr. Dheer Singh
Director & Vice-Chancellor
ICAR-NDRI, Karnal



OVERSEAS FACULTY

Dr. Wilfried A. Kues
Professor
FLI - Institute of Farm Animal Genetics (ING)
Germany

Sponsored by

Institutional Developmental Plan (IDP)
National Agricultural Higher Education Project (NAHEP)

Organized by

Animal Biotechnology Division
ICAR-National Dairy Research Institute
(Deemed University)
Karnal-132001 (Haryana) INDIA
www.ndri.res.in

Application deadline

31st July 2023, 5:00 pm

Registration link and scan code:

<https://forms.gle/317xUytnTU2CC3YY8>



ORGANIZING TEAM

Chair: Dr. Jai K. Kaushik, Head, ABTD, ICAR-NDRI
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