

2nd International Webinar-cum-Workshop
**Advances in CRISPR-Cas
Genome Editing in Plants**

December 10-12 2025, Online, 4:30 pm to 7:00 pm IST



CRISPR-Cas Genome Editing (CGE25)

10 Dec 2025 - 12 Dec 2025

CONFERENCE PROGRAMME

Wednesday, 10th December 2025

16:30	Session 1
16:31	CRISPR fundamentals: Understand the core principles behind this powerful technology Kutubuddin A Molla , Scientist , ICAR-NRRI, Cuttack , India
17:00	Delivery strategies: Focus on virus-mediated CRISPR delivery in plants Kutubuddin A Molla , Scientist , ICAR-NRRI, Cuttack , India
18:00	Tissue culture-free innovations: Discover new methods for regenerating genome-edited plants and save time and resources Degao Liu , Assistant Professor, Institute of Genomics for Crop Abiotic Stress Tolerance, Department of Plant and Soil Science , Texas Tech University , USA

Thursday, 11th December 2025

16:30	Session 2
16:30	Validation of edits: How to confirm and verify successful edits. Soham Ray , Scientist , Division of Plant Physiology, ICAR-IARI, New Delhi , India
18:00	Transformative applications of genome editing: Impact on agriculture, food, nutrition and healthcare - I Jitender Giri , Scientist V , NIPGR, New Delhi , India

Friday, 12th December 2025

16:30	Session 3
16:30	Global regulatory frameworks Michael Jones , Foundation Director, WA State Agricultural Biotechnology Centre , Murdoch University , Australia

18:00

Transformative applications of genome editing: Impact on agriculture, food, nutrition and healthcare - II

K C Bansal , Sr. Fellow, TERI-Deakin NanoBiotechnology Centre , and Former Director, NBPGR (ICAR), New Delhi, India , India