

Oat-related abstracts from PAG 33, 2026:

Workshop: Oats, Wild and Cultivated – organized by Rick Jellen and Wubishet Bekele

- [The SV Landscape In "Broad-Sense" *Avena sativa*](#) – Rick Jellen and Wubishet Bekele
- [A Pangenome and Pantranscriptome of Hexaploid Oat](#) – Martin Mascher and the PanOat Consortium
- [Structural Genomics of Oats \(*Avena sativa* L.\): Chromosome Rearrangements and Their Role In Breeding Progress](#) - Guilherme Oliveira
- [Genomic Insights into the Conservation and Divergence of the Avenacin Biosynthetic Gene Cluster In Oats](#) - Samara M. Correia de Lemos
- [Oat Crown Rust: Understanding and Managing a Shifty Enemy in the Era of Genomics](#) – Shahryar Kianian
- [Elevated Mutation Burdens in Canadian Oat Cultivars Released over the Past Century](#) – Yong-Bi Fu

Other talks:

- [A Pan-Genome and Transcriptome for Oats](#)– Raz Avni, *et al.*
- [Phenomics to gene Discovery: Multi-Omics system for Decoding Salt Resiliency In oats \(*Avena sativa* L.\)](#) - Santosh Gudi
- [The Quest for Super Cereals: An Accelerated Screening and Mapping for Drought Resiliency](#) - Santosh Gudi
- [CRISPR/Cas9-Mediated Dissection of Flowering Time Regulation In Hexaploid Oat](#) – Mehtab Singh, *et al.*
- [Decoding the Genetic Network of Heading Date and Yield In Oat Using CRISPR/Cas9](#) - Mehtab Singh, *et al.*

Posters:

- [P794 Decoding the Genetic Network of Heading and Yield in Oat Using CRISPR/Cas9](#) - Mehtab Singh, *et al.*
- [P795 Exploration of Glycosyltransferase 34 Family and CRISPR-Cas9 Based Gene Editing of GT8 in Oat](#) – Tanya Sarin, *et al.*
- [P796 Genomic Insights into the Conservation and Divergence of the Avenacin Biosynthetic Gene Cluster in Oats](#) – Samara M. Correia de Lemos