

2018 American Oat Workers Conference Poster Presentations

1. [GrainGenes: An update of oat-related tools featuring the 2018 consensus maps](#) – Victoria Blake, Gerard Lazo, Taner Sen
2. [Reaction of oat germplasm to *Drechslera avenea* leaf spot in greenhouse in South Dakota](#) – Melanie Caffé-Tremblé, Mohammed L. Abdullah, Emmanuel Byamakama, Shaukat Ali
3. [Effect of oat genotype on ochratoxin – a accumulation following grain inoculation with *penicillium verrucosum*](#) – Bandana Dhungana, Shaukat Ali, Emmanuel Byamakama, Padmanaban Krishnan, Melanie Caffé-Tremblé
4. **Identification of SNP markers linked with known oat stem rust resistance genes using bulked segregant analysis** – Tyler Gordon, B. Admassu Yimmer, Yue Jin, Sam Gale, J. Mike Bonman
5. [Phenotyping of oat seed and seedling vigor at subtropical temperature and an exploratory genome-wide association study](#) – Ching Ting Huang, Kathy Esvelt Klos, Yung-Fen Huang
6. [Evaluation of oat lines for forage production in tropical/sub-tropical region](#) – Yung-Fen Huang, Chia-Shen Chen
7. [Oat breeding in the era of genomics: resistance to *Fusarium* \(OatGen\)](#) – Espen Sannes Sørensen
8. [Assembly and Annotation of the Hexaploid Oat Genome](#) – Rachel Walstead, Adam Whaley, Rob Reid, Veronica Vallejo, Cory Brouwer, Jessica Schlueter
9. [Estimation of breeding values for forage yield of oat allows better selection of parents](#) – Bruce Winter, M. Gabriela Borgognone, Richard Uebergang
10. **Screening oat germplasm for better adaptation to cold stress in the southern Great Plains** – Xue-Feng Ma, Habtamu Ayalew, Josh D. Anderson, Tadele T. Kumssa, Frank Maulana
11. [Genome-wide association mapping for seedling vigor in oat at tropical/sub-tropical temperature](#) – Chien-Cheng Hung, Kathy Esvelt Klos, Yung-Fen Huang
12. [Genetic mapping of a seedling resistance QTL effective against the oat leaf blotch pathogen *Pyrenophora avenae*](#) – Aaron Beattie, Alexander Woitas, Tajinder S. Grewal, Curt A. McCartney
13. [Adding value to oats through malting](#) – Thomas Blake, Victoria Blake
14. [Effects of sowing date and growth regulators on yield and nutritional quality of *Avena sativa* L. cv. Jupiter INIA in comparison to a lower beta glucan control cultivar](#) – Monica Mathias- Ramwell, Daniela Berrios-Lopez, Emilio Ungerfeld

15. [Estimation of the genetic progress in oats in a set of historic cultivars in Chile](#) – Monica Mathias-Ramwell, Daniela Berrios-Lopez, Emilio Ungerfeld
16. [Oat QTL on GrainGenes](#) – Charlene Wight, Victoria Carollo Blake, Taner Sen, Nicholas Tinker, Gerard Lazo, Kathy Esvelt Klos
17. [A high-throughput system to evaluate disease severity in oats](#) – Ian McNish, Kevin Smith
18. [An oat by any other color: consumer and equine oat color preference](#) – Jo Heuschele, Devan Catalano, Krishona Martinson, Jochum Wiersma
19. **Molecular mapping of a major stem rust resistance gene in oat** – Belaghihalli N. Gnanesh, Aida Kebede, Jennifer W. Mitchel Fetch, Tom Fetch, Nicholas A. Tinker, Aaron D. Beattie, Wubishet A Bekele, Taye Zegeye, Peter E. Eckstein, Curt A. McCartney
20. **Evaluation of oat germplasm for adaptation to climate change** – Zongwen Zhang, Xin Chen