

**Joint AAFC/USDA strategy meetings, 13-14 November, 2017  
Cornell University, Ithaca, NY.**

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**Introductions**

[AAFC –USDA Cooperative Research Forum, Oats 2017](#) - Nick Tinker, AAFC

[USDA-ARS, Office of National Programs, Crop Production and Protection](#) - José Costa, USDA

**Information Systems**

[Graingenes: A database for \*Triticeae\* and \*Avena\* – 2017 update](#) - Anne Blechl, USDA

Overview of T3/Oat database - Jean-Luc Jannink, USDA

[Enhanced knowledge management and knowledge delivery in oat](#) - Charlene Wight, AAFC

**Guest speaker**

Opportunities in genome sequencing - Paul Doran, NRGene

**Genomics and germplasm**

[Oat exome and diversity analysis](#) - Nick Tinker, AAFC

Oat transcriptomics and metabolomics - Jean-Luc Jannink, USDA

Germplasm - GRIN (USDA): Harold Bockelman, USDA (by phone)

Germplasm - PGRC (AAFC):

[Oat preserved by Plant Gene Resources of Canada](#) - Axel Diederichsen, AAFC (by phone)

[Oat Research at Plant Gene Resources of Canada](#) - Yong-Bi Fu, AAFC (by phone)

**Physiology/Agronomy**

[Update on oat agronomy and physiology at ORDC](#) - Bao-luo Ma, AAFC

**Quality**

[Oat Evaluation at USDA-ARS Quality Lab, Fargo ND](#) - Jae Ohm, USDA

Oat  $\beta$ -glucans: why do we still care? - Shea Miller, AAFC

[Oat Quality research in Western Canada](#) - Nancy Ames, AAFC (presented by Shea)

[Oat grain quality activities at ORDC](#) - Judith Frégeau-Reid, AAFC (presented by Shea)

## **Genotyping/Applications**

[Sequence-based genotyping](#) - Shiaoman Chao, USDA

[Genomics-assisted breeding at AAFC](#) - Wubishet Bekele, AAFC

[Application of oat genotyping technologies at USDA](#) - Kathy Klos, USDA

## **Pathology**

[Oat Pathology Work in Canada](#) - Jim Menzies, AAFC

## **Guest speaker**

High throughput phenotyping in wheat - Jesse Poland, Kansas State University

## **Collaborations**

Industry/Oat Global perspective: Mandy Waters, PepsiCo

International perspective:

[Development and evaluation of oat varieties with enhanced disease resistance](#)

- Catherine Howarth, IBERS, UK and Robert Park, University of Sydney, Australia

Breeders' perspective:

[Genomic selection: a breeder's perspective](#) - Weikai Yan, AAFC

Managers' perspective: José Costa, USDA