

CanolaWeek 2017

Canola Innovation Day Program | Thursday December 7, 2017

7:00 am	Registration Desk Opens
7:30 – 8:15 am	BREAKFAST
8:30 – 10:00 am Chair: Isobel Parkin 30 min each	Genomic Technology Kevin Rozwadowski – <i>Agriculture & Agri-Food Canada</i> “CRISPR/Cas9 systems and applications for crop improvement” Janina Braatz – <i>Christian-Albrechts-University of Kiel</i> “Improved shatter resistance of canola by CRISPR/Cas9 and EMS mutagenesis” Mark Belmonte – <i>University of Manitoba</i> “Protecting canola: Application of RNAi-based biocontrol against fungal pathogens”
10:00 - 10:30 am	Coffee Break
10:30 - 12:00 pm Chair: Curtis Rempel 30 min each	Protein/Processes Curtis Rempel – <i>Canola Council of Canada</i> Rex Newkirk – <i>University of Saskatchewan</i> “Current and future opportunities for canola meal in the livestock industry” Martin Reaney – <i>University of Saskatchewan</i> Dehulling
12:00 - 1:00 pm	Lunch
1:00 - 2:30 pm Chair: Andrew Sharpe 30 min each	Future Opportunities and Directions Tim Sharbel – <i>Global Institute for Food Security</i> “Fixing complex genotypes in plants: progress with apomixis in the Brassicaceae” Olly Peoples – <i>Yield10 Bioscience</i> “Technologies for increasing seed yield and oil content in oilseed crops” Rod Snowdon – <i>Justus Liebig University, Germany</i> “Remnants of recent polyploidy shape complex trait variation in <i>Brassica napus</i> ”
2:30 – 2:50 pm	Coffee Break
2:50 - 4:50 pm Chair: Mark Smith 30 min each	Leon Kochian – <i>Global Institute for Food Security</i> “Next-generation technologies for tomorrow’s crops: getting to the roots of global food security” Bobbi Helgason – <i>Agriculture & Agri-Food Canada</i> “Shifting the shape of soil and plant microbiomes in modern agriculture” David Yee – <i>PAMI</i> “Star Wars and Star Trek: How technology may land on the farm of the future” Trent Myers – <i>DOT</i> “DOT Autonomous Power Platform: Farming Reimagined”
4:50 pm	Closing Remarks

