

LIVESTOCK GENTEC CONFERENCE

SAVE THE DATE | October 17th & 18th 2017 | Edmonton, AB

ONE GENOME, ONE HEALTH: Our Animals, the Environment, and Us

Producer Session:

Adoption of Genomic Tools for Commercial Beef Cattle
Behind the Scenes and in the Field

Featuring:

John Basarab; Senior Research Scientist,
Alberta Agriculture and Forestry

Troy Drake; Owner,
Cow/Calf Health and Management Solutions

Michelle Miller; CEO,
Delta Genomics

One Genome, One Health: Featuring:

The Role of Genomics in Precision Health Care
Steven Jones; Co-Director & Head, Bioinformatics
Canada's Michael Smith Genome Sciences Centre

Agricultural Myths and Facts
Joe Schwarcz; Director, Office for Science and Society,
McGill University

Genome Editing in Livestock – Another Breeding Tool for Genetic
Improvement?

Tad Sonstegard; Chief Scientific Officer,
Acceligen (food animal subsidiary of Recombinetics)

The Impact of Respiratory Microbiota on the Health of Feedlot Cattle
Edouard Timsit; Associate Professor, Cattle Health
University of Calgary School of Veterinary Medicine

Genomics and the Health of Our Forests: What it means for Us
Janice Cooke; Assistant Professor, Biological Sciences
University of Alberta

Use of antimicrobials in beef production: implications for resistance and
infectious diseases

Tim McAllister; Principal Research Scientist, Ruminant Nutrition & Microbiology
Agriculture and Agri-Food Canada

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Agriculture and
Agri-Food Canada

COW-FORAGE GENTEC FIELD DAY

**Sustainability of Beef Production:
The interaction of cow, forage,
and genomics in managing your
herd.**

**Lacombe Research Centre
August 22, 2017**

THANK YOU TO OUR SPONSORS!



COW-FORAGE GENTEC FIELD DAY AGENDA

8:00 - 9:00*

REGISTRATION & COFFEE

Location: Central Alberta Agricultural Society Grounds

Morning three tour options: Legume Tour (AM only); Zig Zag Pasture Tour (AM & PM); Pavilion Tour (AM & PM)

LEGUME TOUR (AM ONLY)	ZIG ZAG WALKING PASTURE TOUR (AM & PM)	PAVILION TOUR (AM & PM)
*8:30 AM Bus departure for Legume tour	9:10 AM Bus departure for Zig Zag Pasture tour	9:30 AM Pavilion tour begins
8:30 - 11:30 AM Legume tour (AM only)	9:30 - 11:30 AM Zig Zag walking pasture tour (AM & PM)	9:30 - 11:30 AM Pavilion tour (AM & PM)
<i>Location: Multiple (with bus transportation)</i>	<i>Location: Zig Zag Pasture, Lacombe Research Centre</i>	<i>Location: Central Alberta Agricultural Society Grounds</i>
Topics: alfalfa cultivars and winter hardiness; forage establishment; milkvetch establishment and management; sanfoin demonstration; grazing management	Topics: swath & bale grazing; forage varieties; genomic tools in beef breeding & heterosis; measuring greenhouse gases on pasture; measuring pasture yield; cropping carbon sequestration; establishing forages & rotational grazing	Topics: heifer showcase for genomic breed composition; methane measurement; tools for genetic-genomic prediction; field crop variety development showcase
Speakers: Dr. Vern Baron; Darren Bruhjell; Dr. Charlie Brummer; Karin Lindquist; Ginette Boucher; Murray Abel; Andrea Hansen	Speakers: Dr. Vern Baron; Adele Ohama; Dr. Joseph Nyachiro; Barry Yaremco; Gary Mackowecki; Darren Bruhjell; Denis Belisle; Cletus Sehn; Dr. John Crowley; Dr. Hushton Block; Jeff Colyn; David Young; Meg Lovett; Karin Lindquist	Speakers: Dr. John Basarab; Lisa McKeown; Dr. Changxi Li; Dr. Tong Lu; Mark McNaughton

11:30 - 12:30

LUNCH

Location: Central Alberta Agricultural Society Grounds

12:30 - 1:00 PM

Welcome & Greetings from AAFC, UofA, NSERC

Speakers: Dr. Mueen Aslam; Dr. Ruurd Zijlstra; Tricia Meaud

1:00 - 1:45 PM

KEYNOTE ADDRESS - Improving late season production in forages through plant breeding and genomic tools

Speaker: Dr. Charlie Brummer; University of California, Davis

1:50 PM Bus departure for Zig Zag Pasture tour

2:00 - 4:00 PM

Afternoon two tour options: Zig Zag Pasture Tour; Pavilion Tour (Locations and speakers as above)

4:00 PM

Close and Departure