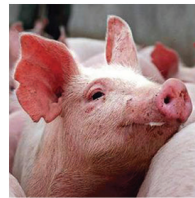


33rd
**Western
NUTRITION**



Conference

**FAIRMONT HOTEL, 2 LOMBARD PLACE
WINNIPEG, MANITOBA, CANADA
SEPTEMBER 19 & 20, 2012**

WEDNESDAY, SEPTEMBER 19, 2012

NOVUS PRE-CONFERENCE SYMPOSIUM:

SOLVING INDUSTRY PROBLEMS WITH BETTER NUTRITION AND UNDERSTANDING

- Welcome and Novus Introduction
- Animal welfare issues relative to commercial swine production, [Dr. Ashley DeDecker](#)
- Importance of minerals and bioactives on bone development and structural integrity in poultry development, [Dr. Woo Kyun Kim](#)
- Methods of evaluating mineral bioavailability in poultry and dairy cattle, [Dr. Jim Richards](#)
- Practical applications of feeding bioavailable sources of trace minerals, [Dr. Brad Lawrence](#)

33RD WESTERN NUTRITION CONFERENCE:

FUNCTIONAL FEEDS – VALUE ADDED PRODUCTION

PLENARY SESSION

- Poultry Nutrition – Recent Advances and Future Challenges, [J.M Bell](#), [Dr. Ravindran](#)
- Functional foods and livestock- a review, [Jim House](#)
- Functional foods and humans- a review, [Peter Jones](#)
- Functional foods and retailers- a review, [Peter Chapman](#)
- Student competition
- Dinner

Deadline for entry to the Graduate Student Poster Competition is July 20th.

THURSDAY, SEPTEMBER 20, 2012

CONCURRENT SESSION: RUMINANT

- Manipulating fatty acid composition: potential meat quality outcomes, [Dr. Aalhus](#)
- Nutraceuticals in milk, [Dr. Rempel](#)
- Carbohydrate and protein interactions in Beef Cattle, [Dr. Hall](#)
- Use of yeast in cattle nutrition, [Dr. Beauchemin](#)
- Fermentable fiber for feeding sheep & goats, [Dr. Thonney](#)

CONCURRENT SESSION: MONOGASTRIC

- Next generation enzymes, [Dr. Slominski](#)
- Alternatives to fish oil in fishfood, [Dr. Vandenberg](#)
- Feeding the pig gut for health, [Dr. Escobar](#)
- Updates on the NRC, [Dr. Stein](#)
- Functional foods and companion animals, [Dr. Gary Davenport](#)

PLENARY SESSION

- New technologies in feed, [Dr. Scott](#)
- Changing relationships between humans and animals and its impact on animal nutrition, [Dr. Coe](#)
- Antibiotic free poultry nutrition and management strategies, [Dr. Ritchie](#)
- Final words

FOR MORE INFORMATION CONTACT:

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