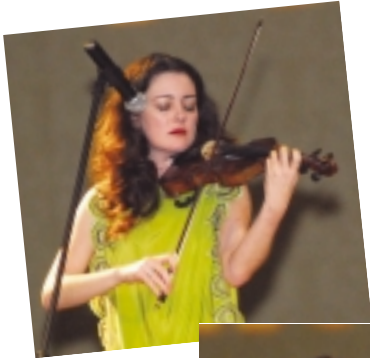


The New Energy Crisis: Food, Feed, or Fuel?

Wednesday, May 23
A look back at Symposium 2007



Aoife Lyons



**Everett
McCorvey**
UK Opera
Director



*Dr. Lyons
welcomes
the guests
to KY Night*



*Guests at Kentucky Night enjoyed a beautiful
Kentucky evening filled with Kentucky Ale,
great food, and a whole lot of fun.*

Excitement



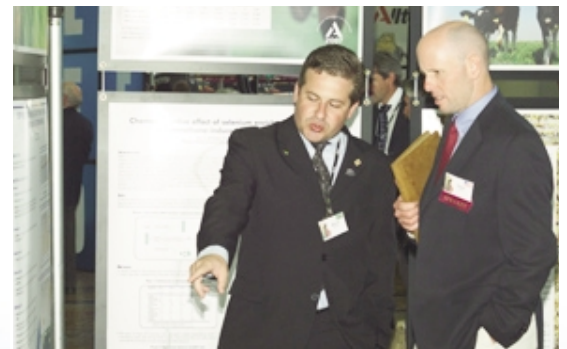
2007
Winner of the
Alltech Opera
Graduate
Scholarship
Megan McCauley

Education



*Mayor Jim Newberry
talks about Kentucky!*

*Mark
Lyons
explains
the
Alltech
Biorefinery
Concept*



*There is always something interesting to
point out at the Poster Session.*



Proud sponsor of the **Alltech FEI World Equestrian Games 2010™**

The New Energy Crisis: Food, Feed, or Fuel?

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Highlights from Tuesday's sessions...



Creating a new protein platform for ruminants was the objective of the Optigen trials conducted by Jay Johnston with Ritchie Feed & Seed in Ottawa, Canada. "We are now confident we can design rations effective with Optigen," said Johnston. David Bohnert, Oregon State University, USA showed how Mycosorb® moderates most of the negative consequences associated with intake of endophyte-infected tall fescue.



The new biorefinery concept explained by Mark Lyons, captures Alltech's innovative spirit, incorporating Solid State Fermentation technology to provide green energy and controlled feed stock for the livestock industry. Larry McDougald with University of Georgia, USA also discussed the new age of agriculture in the poultry industry and how Bio-Mos® plays a role in coccidiosis control and performance in a post-arsenical world.



Trace mineral supplementation led many of the discussions in the pig sessions. "We can not meet the trace mineral needs of today's highly prolific and fast growing animals by using only inorganic minerals," explained Dr. Paul Groenewegen, Alltech Canada. Dr. Jacques Matte of Agriculture et Agroalimentair in Lennoxville, Canada said that the role of Vitamin B₆ proves critical to enable metabolism and performance responses to the dietary supplementation of selenium.



Dr. Trevor Smith launched the Pet discussion focusing on the financial losses for pet food manufacturers caused by feeding blended grains contaminated with mycotoxins. Smith emphasized that these losses can be prevented by the use of an appropriate mycotoxin adsorbent such as Mycosorb®. Dr. Peter Surai, Alltech UK, explained that in the antioxidant team selenium is the "Chief Executive" and stated that, "any disease in humans or animals can be traced to exposure to free radicals."



The critical role minerals play in aquaculture was the cornerstone of a presentation by Santosh Lall with the Institute of Marine Bioscience in Halifax, Canada. The use of minerals results in better fish performance, product quality, and disease prevention. Dan Fegan, Alltech Thailand, showed that the effects of mycotoxins in fish and shrimp can be alleviated through the use of a suitable mycotoxin control agent and nutritional supplementation.



Steve Duren with Performance Horse Nutrition, Idaho, is an amateur endurance rider, shared his experience in this relatively inexpensive sport, now the fastest growing equine sport in the USA. Since a healthy foal is essential to raising a winning equine athlete, Chris Mateo with Rural Technologies in Brookings, South Dakota explained how NuPro® is proven to be a good source of the nucleotides can benefit the health and well-being of future athletes.



The new Feed Quality and Regulation session provided participants with a global overview of regulatory issues in the feed industry. "The EU food chain is the safest in the world," explained Dr. Elinor McCartney with Pen & Tec Consulting, Spain, "but with high regulatory cost and complexity." Dr. Becky Timmons, Alltech USA stressed the importance of a quality assurance program to instill trust, confidence and consistency especially with the recent feed and food scares. Dr George Burdock with the Burdock Group, USA stressed that the feed industry must develop a strategy for a good offense that uses "due-diligence" and exercises self-governance.

General Session



Dr. Ronan Power

Nutrigenomics.
Feeding the genes
for fertility.

"Selenium supplementation is clearly needed by everyone for a healthy immune system, but it is critical for people with HIV," explained Dr. Jacques. "Organic selenium supplementation has been shown to slow HIV replication, which means it can slow the progression of HIV and AIDS."

Dr. Kate Jacques



2007 Young Animal Scientist Award



Paulo Rezende, Lucas Mascardi, and Mark Lyons

Lucas Mascardi is the recipient of the 2007 Alltech Young Animal Scientist Award. Mascardi's research focused on assessing Optigen® as a protein source for feedlot calves. As a student at the University of Buenos Aires in Argentina, Mascardi will receive \$5,000 and a trophy of recognition for his achievement.

Don't Miss Today's Closing Sessions

8:35 a.m.



Branding within the food chain

- Kevin Murphy, Founder & Owner
Food-Chain Communications

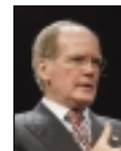
9:05 a.m.



Science through the looking glass: Creating our future by using the scientific tools of tomorrow and today. An amazing array in our nutritional toolbox for a new nutritionist.

- Karl Dawson, Alltech

9:35 a.m.



Alltech Symposium 2007
Closing remarks

- T. Pearse Lyons, President
Alltech