

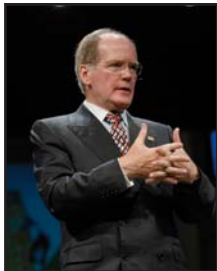
The New Energy Crisis: Food, Feed, or Fuel?

Tuesday, May 22 Is Green the New Black?

Lexington Mayor Jim Newberry, a cattle farmer and strong supporter of Kentucky's diverse agriculture industry, welcomed the over 1,500 people in Lexington at the opening session of Alltech's 23rd International Feed Industry Symposium. Mayor Newberry shared the rich agricultural history of the Bluegrass state with symposium participants. As he talked about the positive impact the Alltech FEI World Equestrian Games 2010 will have on Lexington's economy, Mayor Newberry highlighted Lexington's title as "Horse Capital of the World" and invited all participants to return to the city for the Alltech Games in 2010.



Lexington Mayor Jim Newberry talks about the impact of the 2010 Games



Dr. Pearse Lyons explains why we don't have to choose between food or fuel.

Alltech President Dr. Pearse Lyons' presentation, 'Fast Forward: The Challenge of the Future,' focused on how we, as a society, will feed a hungry world while providing energy requirements in an era of increasing consumer demand for energy. Dr. Lyons emphasized that the world can have a strong future in energy and food, but the focus has to be on developing efficient technologies such as Solid State Fermentation (SSF) and how to utilize renewable energy sources such as those found in cellulose. "We have the opportunity to create an environment and programs to make science exciting and encourage innovation for the future," stated Dr. Lyons. "That is the answer to making this the Greenest Generation!"



Dr. Lyons, Dr. Yiannikouris, Dr. Jouany, & Dr. Dawson

Congratulations!

Dr. Alexandros Yiannikouris

& Dr. Jean-Pierre Jouany

2007 Medal of Excellence Winners

Dr. Alexandros Yiannikouris, of Alltech USA, and Dr. Jean-Pierre Jouany, of L'Institut National de la Recherche Agronomique in France, were awarded Alltech's 2007 Medal of Excellence in Bioscience for the Feed Industry at the opening session of Symposium on Monday morning. The scientists received the Medal of Excellence for their extensive work and commitment throughout their careers in the field of mycotoxins, they presented some of this work in modeling and designing strategies for eliminating mycotoxin risk. Dr. Yiannikouris and Dr. Jouany emphasized that 'This capability could have potentially large applications for future feed quality in view of the emerging ethanol industry by-products of wet or dry distillers grains with or without solubles'.

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Highlights from Monday's sessions...



Sarah Muirhead, *Feedstuffs* Magazine, set the stage for a discussion on the global meat and milk markets. Michael Hutjens, University of Illinois brought to light the issue of dairy energy alternatives in the face of the diminishing corn supply. Bill Chalupa, Global Dairy Consultancy, introduced the role of Optigen® in a precision feeding model for lactating dairy cows.



Simon Shane, North Carolina, began discussions on the challenges facing the world's poultry industries. John Brake, North Carolina State University, focused on breeder nutrition and how Sel-Plex® can help to overcome adverse fertility effects on male breeders. Andreas Kocher, Alltech, discussed physiological dynamics and explained how Bio-Mos® can improve membrane-bound enzyme activity and nutrient absorption.



Rod Smith, *Feedstuffs* Magazine kicked off the pig nutritional discussions. Scott Radcliffe, Purdue University, explained organic mineral uptake mechanisms focusing on experiments with Bioplex® Copper. Darryl D'Souza spoke on the importance of bridging the post-weaning piglet growth gap looking at the NuPro® experience in the Asia-Pacific region. François Madec, AFSSA Ploufragan, talked about why it is still difficult to discern a precise reason for post-weaning multi-systemic wasting syndrome.



Aidan Connolly, Alltech Ireland, initiated the discussion on diet quality, safety, and health in the pet food industry. Uli Pesi, Pesi Research and Consultant, discussed the parallels between marketing human and pet foods. Barbara Kitchell, Michigan State University, spoke on the experience of taking what has been learned from cancer in humans and how it can relate to applications in pets. Steve Bourne, Alltech Asia-Pacific, discussed the importance of reputation enhancement and crisis limitation.



John Sweetman, Alltech Greece, set the stage for the discussion by introducing the forward focus of Alltech in aquaculture research. James Tidwell, Kentucky State University, spoke on the opportunities and challenges that lie ahead in the global aquaculture market. Frederic Barrows, United States Department of Agriculture, addressed challenges for the future with changing technologies, ingredients, and formulations to replace fish meal in salmonid diets.

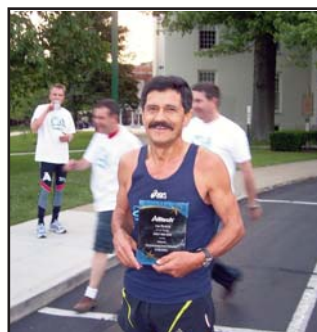


Steve Elliott, Alltech USA, commenced the equine session with a quick overview of the equine industry. Nick Nicholson, Keeneland Association, talked about the polytrack surface launched in 2006 and how this technology provides the safest possible racing surface for horses. Catherine Keogh, Alltech Ireland, spoke about the natural fit between Alltech and the FEI Games 2010.

Results from Monday's Fun Run

Congratulations to Jorge Serrazina of Co-op Benedita, Portugal and Emmy Koeleman of Reed Business, the Netherlands the top runners in Monday morning's Fun Run!

Way to go!



Jorge Serrazina

Emmy Koeleman



Can't-miss Tuesday events

Poster Session, 1:30 - 3:00 p.m.

Researchers from across the globe will present results from a wide range of studies on topics central to modern animal production and nutrition. Some of these topics include:

- **Environmental nutrition**
- **Nutrition and disease prevention**
- **Control of ruminal and cecal function**

And much more!

This is a display you won't want to miss.

General Session, 3:00 - 4:15 p.m.

Today's general sessions center around the topic of health and the impact of nutrigenomics, the study of how diet and nutrition affect genes. Dr. Kate Jacques, Alltech, will present nutritional strategies to the control of the HIV pandemic. Ronan Power will also feed your appetite for the latest information nutrigenomics and fertility. Alltech will present its second annual Young Animal Scientist Award, honoring an undergraduate university student for his or her topic in the animal health industry.

TUESDAY SCHEDULE

Species sessions: 8:00 a.m. - 12:00 p.m. • Poster Session: 1:30 - 3:00 p.m. • General Session: 3:00 - 4:15 p.m.