



# the sustainability principle

## Alltech and the Muhammad Ali Center

### Join Forces for Philanthropic Endeavor



Alltech and the Muhammad Ali Center announced today a joint initiative at Alltech's International Health and Nutrition Symposium. Alltech president and founder, Dr. Pearse Lyons presented \$50,000 to Muhammad and Lonnie Ali to establish the Alltech – Muhammad Ali Center Global Education and Humanitarian Fund. The focal point of the fund is education. Alltech and the Muhammad Ali Center will stress programs that positively impact others around the world, and promote excellence and achieving one's potential. The fund will have humanitarian and artistic components as well.

"The Muhammad Ali Center is delighted to be associated with Alltech and to announce a global education and charitable fund that will combine the goals and efforts of our two entities," said Greg Roberts, president and CEO of the Muhammad Ali Center in Louisville. "Both of our institutional goals include social responsibility and education. This fund will help us to have greater impact around the world."

"For 29 years Alltech has believed that our responsibility is not only to provide science-based solutions to agribusiness, but to give back to the communities in which we operate," said Alltech president and CEO, Dr. Pearse Lyons. "The establishment of this fund and this collaboration will undoubtedly help us raise global awareness of the problems that we hope to address; particularly those that are educational or humanitarian in nature."

## The Great Debate

Leaders from three varied areas affecting global agriculture gathered today to answer questions on topics from environmental concerns to raw material traceability. Differing views offered great insight into each field of expertise.

"We will only have a sustainable system if farmers are protecting their assets."  
-Lutz Goedde, Deputy Director of Ag Development,  
Bill and Melinda Gates Foundation

"Sustainability is more than just sustaining your own business. It is the next generation and the next generation. The United States response is disappointing. We need to broaden our horizons."  
-Michael Boehlje, Professor, Agricultural Economics and the  
Center for Food and Agricultural Business, Purdue University

"The main limitation on agricultural sustainability in the future are people and the understanding of what sustainability is. Calorie demand doubled in the past 30 years and will continue to grow. Population will increase, the climate is changing and water is an issue for all."  
-Philip Wilkinson, Order of the British Empire,  
Executive Director, 2 Sisters Food Group

## Poster Session: A Scientific Success

Researchers and Symposium attendees from around the world had the opportunity to discuss the latest scientific advances in modern animal nutrition and production.

Topics discussed ranged from the Young Scientist posters to non-food animal studies and enzyme development.





## Highlights from Tuesday's Species Sessions

### Poultry

"Sustainable improvement in poultry production should utilize current genetic selection tools along with new selection tools." **-N. O'Sullivan, Hy-Line International, Iowa, USA**

### Beef

"Bio-Mos in receiving diets improves bottom-line performance with advantages in health, weight gain and feed efficiency." **-C. Moran, Alltech, France**

### Pig

"Grow-finisher pigs fed a diet including NuPro instead of blood plasma showed an \$0.82 improved return per pig."

**-G. Gourley, Swine Graphics Ent., Iowa, USA**

### Aqua

"With the help of Alltech's technologies we can produce in a sustainable, more efficient and biosecure way. I can compete with anyone, anywhere in the world."

**-W. Martins, Blue Ridge Aquaculture, Virginia, USA**

### Dairy

"Future mineral allocation will need to be more strategic. A number of factors are creating a definite move toward the total replacement concept in dairy cows."

**-L. Sinclair, Harper Adams University College, Shropshire, UK**

### Equine

"The Alltech FEI European Equestrian Championships are igniting the flame for the Alltech FEI World Equestrian Games." **-S. Brooks-Ward, The HPower Group, Berkshire, UK**

### Feed Quality and Regulatory

Contamination of trace minerals is a global problem. Trace minerals are the most common source of heavy metals & dioxins/PCBs in food animal products. Contaminated fertilizers are also a recent cause for concern.

**-E. McCartney, Pen & Tec Consulting, Barcelona, Spain**

*Kentucky Night gets a thumbs up!*



*Enjoying the fun at the Alltech Farm*



## Young Animal Scientists Named

As part of its commitment to furthering scientific education, global animal health and nutrition company Alltech has presented the *4th annual Alltech Young Scientist Awards* to *Tung M. Che* and *Fan Liu*.

Each student competitor was required to submit a scientific paper on a topic involving Alltech's natural solutions to animal health challenges. Out of the nearly 2000 entries received, eight regional semi-finalists were invited to the USA for the international phase of the competition where they presented their papers to a panel of judges.

Tung M. Che, a doctoral student at the University of Illinois at Urbana-Champaign, Illinois, USA, who submitted a paper examining the effects of mannan oligosaccharide on immune function and disease resistance in pigs, was recognized as the overall winner in the graduate category of the competition.

Fan Liu of Nanjing Agricultural University, Nanjing, China, who submitted a paper on HSP70 as a new biomarker in the development and evaluation of anti-stress feed additives, was awarded the global prize for the undergraduate category.

Tung M. Che and Fan Liu will be awarded prizes of \$10,000 and \$5,000 respectively.



*Fan Liu*



*Tung M. Che*