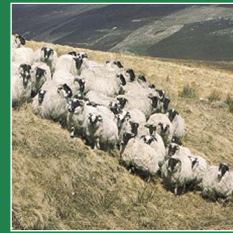


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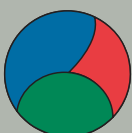
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Optimising Production Efficiencies, Lowering Environmental Impact

Proceedings of the Dairy Solutions Symposium,
20th–21st June 2012, University College Dublin,
Dublin, Ireland



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Aims and Scope

Advances in Animal Biosciences is an associated publication to the journal *animal*. It aims to publish high-quality conference, symposium and workshop proceedings about animal-related aspects of the life sciences with emphasis on farmed and other managed animals. These can be in the form of a book of abstracts, summaries or complete papers. The format will highlight the title of the meeting and organisations involved but the publications will have the added advantage of forming a series under *Advances in Animal Biosciences*.

Subject areas can include aspects of Breeding and Genetics, Nutrition, Physiology and Functional Biology of Systems, Behaviour, Health and Welfare, Livestock Farming Systems, Human Health and Product Quality.

However, due to the integrative nature of biological systems, monographs and conference proceedings dealing with the translation of basic and strategic science into the whole animal and farming system and the impact on Productivity, Product Quality, Food Security, the Environment, Climate Change and Humans will be particularly welcome.

Information for Conference Organisers

The Animal Consortium together with Cambridge University Press offers conference organisers a package that enables publication of high-quality conference, symposium and workshop proceedings about animal-related aspects of the life sciences with emphasis on farmed and other managed animals.

Summaries, abstracts or full papers may be published in *Advances in Animal Biosciences* and high-quality invited papers from these meetings may be submitted and published as a defined series in *animal*.

Conference organizers interested in publishing their proceedings should send a proposal for publication in *Advances in Animal Biosciences*, *animal*, or both journals to astleger-honeybone@cambridge.org with the following information:

- Title and date of conference
- Contact person/guest editor
- Number of summaries/abstracts/full papers
- Total number of pages (estimated)
- Any colour printing requirements
- Number of hard copies or USBs required and form of distribution
- Target date for publication

A decision in principle will be made regarding the suitability for publication on the basis of your proposal, and the Special Issues Editor will provide a quote and agree any specific requirements or deadlines. Manuscripts submitted to *Advances in Animal Biosciences* will be reviewed by the Editor-in-Chief and papers submitted to *animal* will be peer reviewed. If accepted after review, proceedings will be published within 12 weeks of receipt by the Publisher.

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This issue is part of a series which is a companion to the journal ANIMAL



Dairy Solutions Symposium Partners

University College Dublin

The College of Agriculture, Food Science & Veterinary Medicine contains the School of Agriculture and Food Science and the School of Veterinary Medicine. The College delivers a broad range of undergraduate and postgraduate programmes (in the areas of agriculture, environment, food science, human nutrition, and veterinary sciences) and is committed to delivering excellence in teaching, research and innovation.



The UCD School of Agriculture and Food Science is the only academic institution in Ireland that delivers education and research on the complete food chain from initial on farm production through processing to final consumption by the consumer.

Research, training and innovation are key drivers of sustainability and growth in this industry, and UCD plays a central role in effecting this. Our research encompasses basic discovery of biological mechanisms, the application of knowledge to problem solving, both on-farm and during processing, and the translation of scientific discoveries into clinical applications.

Alltech

Alltech is a global animal health and nutrition company that provides natural, nutritional solutions to the food and feed industries. Founded by Dr. Pearse Lyons in 1980, and headquartered in Kentucky, USA, Alltech has a strong regional presence in North America, Europe, the Middle East, Latin America and Asia-Pacific. Alltech trades in 128 countries worldwide and has more than 2650 employees, with 31 production facilities strategically located across the globe. Alltech also has five Bioscience Centres, dedicated to research and education, located in the USA and Ireland.



From its inception, Alltech has operated under the ACE principle, with the focus on the Animal, Consumer and Environment. As a global leader in the area of natural animal nutrition and animal science, this principle has informed and guided everything we have done for over 30 years in the animal health and nutrition industry. The Dairy Solutions Symposium, with its commitment to animal health, consumer communication and environmental issues, is an ideal forum for Alltech to discuss these challenges and work towards solutions that benefit all concerned.

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