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# Advances in Animal Biosciences

## Innovation to compete in the Global Livestock Industry

Proceedings of the British Society of Animal Science



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# ***Advances in Animal Biosciences***

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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 an outline proposal for publication in *Advances in Animal Biosciences*, *animal*, or both journals to [cko@cambridge.org](mailto:cko@cambridge.org). The publisher together with the Editors-in-Chief will then provide an estimate of costs and the procedures to be used.

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.

# Proceedings

of the British Society of Animal Science  
in association with the  
Agricultural Research Forum

## 2018

### Advances in Animal Biosciences

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



The Proceedings of the British Society of Animal Science constitute summaries of papers presented at the Society's Annual Conference, *BSAS Annual Conference 2018* held at Croke Park Stadium, Dublin, Ireland, 9-11 April 2018.

The summaries have been edited. Views expressed in all contributions are those of the authors and not those of the BSAS.

This publication contains all the summaries that were available at the time of going to press.

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