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.


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.
This proceedings contain summaries of papers presented at the Satellite Meeting on ‘Precision Management of Grassland and Grazing Livestock’ held at the McIntyre Conference Centre, Edinburgh, UK.

Precision technologies are increasingly prevalent in livestock agriculture and will play a key role in helping the industry address challenges about environmental impacts and climate change, consumer requirements for quality and traceability, as well as challenging and varied market forces. ECPA 2017 provided a platform for reporting and dissemination of research across the full breadth of precision agriculture to a wide audience. Whilst there has been most development in arable farming, the Satellite meeting addressed new and emerging opportunities for grassland farmers. Invited and Offered papers cover topics relating to technologies for monitoring of soils and grassland, as well as for managing and monitoring grazing livestock.

If you would like to join or receive further information about the British Society of Animal Science contact:

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ECPA 2017 and the Satellite Meeting ‘Precision Management of Grassland and Grazing Livestock’ were organised in association with the International Society of Precision Agriculture, Scotland’s Rural College, British Grassland Society, Newcastle University, Agri-EPI Centre, Irish Grassland Association, Soils Essentials, Agriculture and Horticulture Development Board and the British Society of Animal Science.