

# Innovation from animal science - a necessity not an option



## BSAS Annual Conference 2013

University of Nottingham | Tuesday 16 - Wednesday 17 April

Limited resources, changing climates and growing populations mean agriculture has to look beyond its traditional practices to feed the world. But how can animal science help producers meet the global food challenge?

Following its tradition of tackling the issues at the forefront of animal production, BSAS's annual conference will look at the scientific techniques and technologies available to the livestock industry to help food producer's reach their goals.

Covering the full range of animal and veterinary science issues, the event will give farmers, researchers, students, vets and policy-makers the information they need to help tackle the biggest problems facing the livestock sector today.

### Key presentations:

- **Biotechnology:** what are crop engineers doing with crops to improve animal feeds, enzymes, vitamins and probiotics? How is biotechnology being utilised in animal health and reproduction? What role does biotechnology play in selective breeding and genome modification?
- **Advances in equine science:** the provision of Illumina sequencing technology and an equine biobank and development of on-board endoscope technology for diagnosing functional respiratory disorders in performance horses.

### Subjects covered:

- Animal behaviour, health and nutrition
- Animal welfare and production
- Fertility and reproduction
- Meat quality
- Genetics

Register now at  
[www.bsas.org.uk/  
events](http://www.bsas.org.uk/events)

\*BSAS members pay  
discounted fees

- **Bovine TB and badgers:** Reporting of bovine TB associated with co-infection with liver fluke, badger behaviour and the National Farmers Union's response to the government's method of tackling TB.

### Plus dedicated industry sessions

- Pig, poultry, dairy, beef and sheep sector workshops
- Seminars covering companion, captive and laboratory animals



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Plus

## Specialist workshops including:

### Native Breeds for Modern Needs: Genetics and Grazing

- Why worry about farm animal genetic resources?
- Sustainable genetic management of small populations
- Pig and poultry DNA diversity
- The future for native breeds in creating a sustainable livestock industry
- The use of rare breeds in managing SSSIs and heritage landscapes

## The Colloquium for Equine Reproduction 2013

### Advances in equine reproduction research

- Advances in research understanding equine recognition of pregnancy and placentation
- The application of PIF to clinical equine reproduction

### How can industry benefit from research?

- Ideas for research studies that would improve day to day running of mare and stallion practice

## Student Monday

**16 April, 12.30pm - 6.00pm, Jubilee Campus**

Special  
student  
day

BSAS Student Council will be hosting its 'Student Monday' on communicating research. Aimed at students at any level, the series of workshops will focus on writing for scientific meetings and journals, writing for grants and scholarships, communicating research to non-scientific audiences and thesis writing. Students will also be given the chance to network, plus a student dinner and quiz following the session. For more information email [studentcouncil@bsas.org.uk](mailto:studentcouncil@bsas.org.uk).

The BSAS Annual Conference is being held at the **Jubilee Campus, University of Nottingham**, on Tuesday 27 and Wednesday 18 April 2013.

The Jubilee Campus is on Wollaton Road, a short taxi or bus ride from Nottingham city centre. For more details and directions visit [www.bsas.org.uk/conference2013](http://www.bsas.org.uk/conference2013).

For tickets and information on conference registration, visit [www.bsas.org.uk](http://www.bsas.org.uk)

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