

INDUSTRY DAY

Day two tailored to those in the commercial sector. It will include

A highlight session profiling science relevant to commerce

How the consumer is impacting on businesses

- The evolving face of the animal feed industry
- The effects of animal - derived food-borne pathogens on human health and wellbeing
- Predicting availability and acceptability of raw materials
- The rise and rise of fish - the role of aquaculture in society's changing view of healthy food

Topical issues and challenges the industry is dealing with

- Raw material sourcing for the pet industry
- The reintroduction of meat and bone meal
- Health eradication systems

NETWORKING

- Business rooms available for network meetings
- A networking lunch with opportunities to identify potential employees and collaborators
- The enormous breath of information in this conference will give an ideal opportunity to network with experts in associated as well as specialist fields

Feed materials will feature as a strong theme.

SUBMITTED PAPERS.....NOW OPEN - DEADLINE 2 DECEMBER 2011

Papers on any aspect of animal science, animal health or veterinary science are welcome. Where possible we will place good submitted papers alongside invited papers. For full information and updates www.bsas.org.uk/Meetings_&_Workshops/Annual_Conference/

POSTERS Everyone whose summary is accepted will get a presentation opportunity. There is however a limited number of poster places and only good quality papers will feature. A plenary poster session will be held when authors must attend and be willing to answer delegate questions.

The full programme with summaries will be online before the conference.

REGISTRATION

To Register go to www.bsas.org.uk/Meetings_&_Workshops/Annual_Conference/

BSAS, PO Box 3, Penicuik, Midlothian, EH26 ORZ, UK
Tel: + 44 (0) 131 650 8784 Fax: + 44 (0) 131 650 8821
Email: bsas@sac.ac.uk www.bsas.org.uk



HEALTHY FOOD FROM HEALTHY ANIMALS

The UK's Premier
Animal Science, Animal Health and
Veterinary Conference

Organised by
BSAS, AVTRW,
BBSRC Animal Science Forum,
and
WPSA (UK Branch)

University of Nottingham, UK
24-25 April 2012

Healthy Food from Healthy Animals

University of Nottingham

24-25 April 2012

There is much debate about the healthiness of foods that animals provide especially dairy products and red meat but it is crucial that public health policy is based on up-to-date factual data. Whilst any limitations in the value of animal-derived foods must be recognized so must the opportunities that exist to maximize both production and the qualities of the food to positively help human health.

This conference will enable delegates to debate the issues and challenges associated with producing food from healthy animals that is healthy for consumers, economically sustainable and from systems that benefit the environment and encompasses good welfare and ethics. This conference will be relevant to commercial and research scientists, those working in the agricultural and food industry, advisors, vets, farmers and policy makers.

KEYNOTE PRESENTATIONS

The Hammond - Role of animal-derived foods in an obesogenic society
Prof Mike Gibney, University College Dublin, Ireland

The AVTRW Lecture - Can we sustain Welfare Standards in a food hungry world?
Prof Natalie Waran, Edinburgh University

The Gordon - Avian influenza: a game changer in international public health policies
Dr Ilaria Capua, Inst. Zooprofilattico Sperimentale delie Venezie, Italy

RCVS Debate - Funding research in a food security environment

The President's Session *Healthy Food from Healthy Animals'*

Can milk /milk products be an aid to BMI control?

Dr Anestis Dougkas, University of Reading

Dairy products and vascular disease prevention: Evidence from prospective studies

Prof Peter Elwood, Cardiff University

The benefits and limitations of fish in the diet

Dr Carrie Ruxton, Nutrition Communications

Red meat in the diet: is it as bad as we have been told?

Dr Laura Wyness, British Nutrition Foundation



INVITED SESSIONS

Complementary applied, strategic and basic research to improve neonatal survival

Neonatal mortality - *Prof Sandra Edwards, University of Newcastle*

Metabolic factors and nutrition - *Prof Mike Symonds University of Nottingham*

Neuroendocrinology and behaviour - *Dr Cathy Dwyer, SAC*

Immunology and health - *Dr Elodie Merlot, INRA*

Linking systems and systems biology

Integrating genomics information - *Prof Dirk-Jan De Koning, Swedish Life Sc Uni*

Improving neonatal lamb survival - *Dr Forbes Brien, SARDI, Australia*

Using systems biology to understand feather patterns in poultry -

Dr Denis Headon, Roslin Institute, University of Edinburgh

EQUINE SESSIONS

Nutrition

Preventing and managing laminitis - *Dr Pat Harris, Waltham Centre for Pet Nutrition*

Movement

Assessing conformation and locomotion - *Dr Renate Weller and Dr Thilo Pfau, RVC*

Reproduction and Health

Minimising reproductive diseases - *Dr John Newcombe, Newcombe and East Vets*

Semen processing techniques - *Dr Jane Morrell, Uppsala University*

Behaviour and welfare of captive Animals

Effects of stabling - *Prof Jonathan Cooper, University of Lincoln*

AVTRW SESSIONS

Education and Knowledge Transfer - *Prof Susan Rhind, University of Edinburgh*

One Health - *Dr Peter Roeder, Taurus Animal Health*

Pig Health and Disease - *Prof Dirk Werling, University of London and Dr Dan Tucker, University of Cambridge*

Ruminant Health and Disease - *Dr Spiridoula Athanasiadou, SAC*

Diagnostics and Epidemiology - *Prof Stuart Reid, University of London*

Companion Animals - *Dr Malcolm Cobb, University of Nottingham*

other topics will cover:

- Animal Behaviour, Health and Nutrition
- Animal Health and Welfare
- Animal Nutrition, Production, Genetics and Behaviour
- Companion, Captive and Laboratory Animals
- Dairying, Sheep, Pig Production and Nutrition, Beef Cattle Nutrition
- Fertility and Genetics
- Fish/Algae:
- Meat Quality
- Poultry Production
- Wellcome Veterinary Research Student Projects
- World Poultry Science