

UFAW International Conference: Advancing Animal Welfare Science

The Royal College of Physicians, Edinburgh, UK

Tuesday 28th June

All timings are GMT+1 / UTC+1/ BST

08.30 - 09.10 Registration and poster set-up

09.10 - 09.20 **Welcome and Introduction:** Huw Golledge (*UFAW*)

09.20 - 11.00 **Session One**

09.20 - 10.00 **Keynote Speaker: How to improve the quality of animal welfare science**
Hanno Würbel (*University of Bern, Switzerland*)

10.00 - 10.20 **Determining the line of acceptable welfare**
Heather Browning (*London School of Economics and Political Science, UK*)

10.20 - 10.40 **TBC**

10.40 - 11.00 **Assessing animal welfare impacts in wild Norway rat (*Rattus norvegicus*) management**
Sandra Baker (*University of Oxford, UK*)

11.00 - 11.30 **Break**

11.30 - 12.50 **Session Two**

11.30 - 12.10 **Keynote Speaker: Meeting the demands of a growing human population, while also achieving good welfare**
Bas Rodenburg (*Utrecht University, The Netherlands*)

12.10 - 12.30 **Fertility control to mitigate human-wildlife conflicts and promote coexistence**
Giovanna Massei (*University of York, UK*)

12.30 - 12.50 **Short Talks:**

Gradual decompression shows promise as a humane alternative to carbon dioxide
Jasmine Clarkson (*University of Glasgow, UK*)

A survey of farmers' views on changing management practices for goat kids reared away from their dams
Holly Vickery (*University of Reading, UK*)

Challenges and solutions for cage-free egg producers in China, Indonesia, Japan, Malaysia, Thailand and The Philippines
Kate Hartcher (*Global Food Partners and University of Queensland, Australia*)

Training of animals as an applied tool of stress reduction in pigs and therefore implemented refinement
Mechthild Wiegard (*Freie Universität Berlin, Germany*)

12.50 - 14.20 **Lunch:** Poster session from 13.20

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14.20 - 15.40	Session Three
14.20 - 15.00	Keynote Speaker: How evidence is used to develop policy: Examples from the Scottish Animal Welfare Commission Cathy Dwyer (<i>University of Edinburgh, UK & Chair, Scottish Animal Welfare Commission</i>)
15.00 - 15.20	How can we improve laboratory rat welfare? A systematic review of refinements to laboratory rat housing and husbandry Vikki Neville (<i>University of Bristol, UK</i>)
15.20 - 15.40	Short Talks: Pebble to the metal: a boulder approach to enrichment for <i>Danio rerio</i> Kyna Byrd (<i>Stanford University, USA</i>) Experience of dog ownership not matching expectation is associated with increased perception of undesired behaviours as 'problematic' in a UK survey Rachel Casey (<i>Dogs Trust, UK</i>) The effects of different environmental enrichment strategies on the sleep quality of laboratory ferrets Alice Dancer (<i>Royal Veterinary College, UK</i>) Improved welfare and reproductive performance of pregnant sows housed in enriched pens Martyna Lagoda (<i>Teagasc, Agriculture and Food Development Authority, Ireland</i>)
15.40 - 16.20	Break
16.20 - 17.50	Session Four
16.20 - 16.30	UFAW Awards Presentations: UFAW Medal for Outstanding Contribution to Animal Welfare Science & UFAW Young Animal Welfare Scientist of the Year
16.30 - 17.10	Handling Change – Some Lessons Learned Jane Hurst (<i>University of Liverpool, UK</i>)
17.10 - 17.30	Dogs in demand: how a puppy boom is causing a welfare bust Rowena Packer (<i>Royal Veterinary College, UK</i>)
17.30 - 17.50	Use of environmental enrichment for reptiles in zoos across Europe Alicia Bartolomé (<i>University of Valencia, Spain</i>)
17.50 - 20.00	End: Drinks reception

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08.50 - 09.00 **Introduction to meeting**

09.00 - 10.40 **Session Five**

09.00 - 09.40 **Keynote Speaker: Use and misuse of measures of welfare**

Melissa Bateson (*Newcastle University, UK*)

09.40 - 10.00 **Brain health: A new frontier for animal behaviour and welfare**

Alistair Lawrence (*SRUC, Scotland's Rural College, UK*)

10.00 - 10.20 **Does complexity of aviary design affect hippocampal plasticity in laying hens**

Matthew Craven (*Newcastle University, UK*)

10.20 - 10.40 **Feathers, feet, and fractures: Understanding connections between injuries to improve poultry welfare**

Nienke van Staaveren (*University of Guelph, Canada*)

10.40 - 11.20 **Break**

11.20 - 13.00 **Session Six**

11.20 - 11.40 **UFAW Early Career Researcher of the Year Winner Talk**

Jessica Martin (*University of Edinburgh, UK*)

11.40 - 12.00 **Metabolomics as a promising new approach in animal welfare science: characterising the metabolomic fingerprint of exposure to acute stress in a pig saliva model**

Liat Morgan (*Tel Aviv University, Israel*)

12.00 - 12.20 **Animal welfare risk assessment of dairy cattle transported to slaughterhouses**

Remco Schrijver (*Office for Risk Assessment & Research (BuRO) of the Netherlands Food and Product Safety Authority (NVWA), The Netherlands*)

12.20 - 12.40 **Developing a visual attention bias test in horses**

Sarah Kappel (*University of Plymouth, UK*)

12.40 - 13.00 **Short Talks:**

Providing a "priority" lane increases visits to the milking robot in dairy cows managed in an automatic milking system

Francesca Johansen (*Queen's University Belfast, UK*)

Tickle my brains: playful interactions affect cerebral neurotransmitter receptors

Vincent Bombail (*SRUC, Scotland's Rural College, UK*)

Brave breeds and brains under the spotlight: how to genetics and lighted incubation impact young laying hens stress responsivity?

Maëva Manet (*Utrecht University, The Netherlands*)

Making the most of opportunities - the effect of early environmental choice on later success in laying hens

Lena Skånberg (*Swedish University of Agricultural Sciences, Sweden*)

13.00 - 14.20 **Lunch:** poster session from 13.40

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14.20 - 15.30 Session Seven		
	Debate Forum: Meeting rooms 1&2	Workshop: Conference centre
	Animal welfare labelling of products Chair: Birte Nielsen (<i>UFAW</i>)	Measuring behaviour better Melissa Bateson (<i>University of Newcastle, UK</i>)
14.20 - 14.30	Introduction to debate forum Birte Nielsen (<i>UFAW</i>)	Workshop on experimental design in animal behaviour and welfare studies - limitations, problems and how to tackle (some of them)
14.30 - 14.45	Method-of-Production labels: a welcome trend for farm animal welfare? Frank Tuytens (<i>Flemish Research Institute for Agriculture, Fisheries and Food (ILVO), Belgium</i>)	
14.45 - 15.00	Pros and cons of animal-based measures in animal welfare labelling Siobhan Mullan (<i>University College Dublin, Ireland</i>)	
15.00 - 15.10	The role of the consumer in animal welfare labelling Alistair Lawrence (<i>SRUC, Scotland's Rural College, UK</i>)	
15.10 - 15.30	Questions for speakers and preparation for debate	
15.30 - 16.10	Break	
16.10 - 17.10 Session Eight		
16.10 - 17.10	Debate Forum (<i>continued</i>)	Workshop (<i>continued</i>)
17.10 - 17.30	Poster prizes and closing of conference	
17.30	End	

The abstract book will be published shortly.