

BIOGRAPHY

29 June 2012.



Title and name

Prof. Sandra Edwards

Nationality

United Kingdom

Panel

Animal Health and Welfare (AHAW)

Education

Ph.D, 1980, University of Reading, UK

B.A. (Hons) Natural Sciences, 1976, University of Cambridge, UK

Scientific and risk assessment experience

- Animal welfare
 - Welfare outcome assessment
 - Integrative pig science
 - Neonatal mortality
 - Animal housing and management
 - Risk factors for poor health and welfare
-

Main scientific publications

Author of more than 220 refereed papers, reviews and book chapters and more than 450 published conference summaries on the welfare, behaviour, housing and management of farm livestock.

Douglas C, Walsh C, Bédoué A, Bateson M, Edwards S.A. 2012. Can pigs tell us whether their glass is "half full" or "half empty"? - cognitive bias as a measure of affective state in pigs. Applied Animal Behaviour Science, in press.

Baxter EM, Lawrence AB, Edwards SA. 2011. Alternative farrowing systems: Design criteria for farrowing systems based on the biological needs of sow and piglets. Animal, 5: 580-600.

Taylor N, Main DCJ, Mendl M, Edwards SA. 2010. Tail biting: a new perspective. The Veterinary Journal, 186: 137-147.

Averós X, Brossard L, Dourmad JY, de Greef KH, Edge HL, Edwards SA, Meunier-Salaün MC. 2010. A meta-analysis of the combined effect of housing and environmental enrichment characteristics on the behaviour and performance of pigs. Applied Animal Behaviour Science, 127: 73-85.

Mullan S, Edwards S, Whay H, Butterworth A, Main D. 2009. Interdependence of welfare outcome measures and potential confounding factors on finishing pig farms. *Applied Animal Behaviour Science*, 121: 25-31.

Bracke MBM, Edwards SA, Metz JHM, Noordhuizen JPTM, Algers B. 2008. Synthesis of semantic modeling and risk analysis methodology applied to animal welfare. *Animal*, 2: 1061-1072.

Pickard RM, Beard AP, Seal CJ, Edwards SA. 2008. Neonatal lamb vigour is improved by feeding docosahexaenoic acid during late gestation. *Animal*, 2: 1186-1192.

Edwards SA. 2007. Experimental welfare assessment and on-farm application. *Animal Welfare* 16: 111-115.

Van de Weerd H A, Docking C M, Day J E L, Avery P J, Edwards S A. 2003. A systematic approach towards developing environmental enrichment for pigs. *Applied Animal Behaviour Science*, 84: 101-118.

Meunier-Salaun M C, Edwards S A, Robert S. 2001. Effect of dietary fibre on the behaviour and health of the restricted-fed sow. *Animal Feed Science and Technology*, 90: 53-69.
