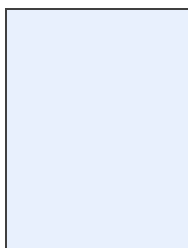


BIOGRAPHY

30/06/2012



Title and name

Dr. Antonio Velarde Calvo

Nationality

Spanish

Panel

Animal Health and Welfare (AHAW)

Education

Diplomate ECAWBM(Animal Welfare Science, Ethics and Law). 2011. European College of Veterinary Behavioural Medicine.

MSc in Science and Welfare of Laboratory Animals. 2008. Universitat Autònoma de Barcelona.

PhD in Animal Science. 2000. Universitat Autònoma de Barcelona, 2000

MSc in Animal Science. 1998. Universitat Autònoma de Barcelona.

BSc in Veterinary Medicine. 1995. Universitat Autònoma de Barcelona

Scientific and risk assessment experience

Guidance on Risk Assessment for Animal (EFSA, 2010-2011).

Animal welfare risk assessment guidelines on housing and management (EFSA, 2009-2010).

Development of animal welfare risk assessment guidelines on transport (EFSA, 2008-2009).

Main scientific publications

Main areas of publications include development of animal welfare assessment systems on farm and at slaughter, risk assessment for animal welfare, stunning prior to slaughter with gas mixtures, religious slaughter, the role of cognitive bias in animal emotions, and alternatives to the castration of pigs.

Llonch P, Dalmau A, Manteca X and Velarde A (2012) Aversion to nitrogen and carbon dioxide mixtures for stunning pigs. *Animal Welfare* 21:33-39.

D. Temple, V. Courboulay, A. Velarde, A. Dalmau and X. Manteca (2012) The welfare of growing pigs in five different production systems in France and Spain: assessment of Health. *Animal Welfare* 21: 257-271.

Llonch P, Andaluz A, Rodriguez P, Dalmau A, Jensen E, Manteca X and Velarde A (2011) Assessment of consciousness during Propofol anaesthesia in pigs. *Veterinary record* 169: 496-497.

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Dalmau, A., Temple, D., Rodríguez, P., Llonch, P., Velarde, A. (2009) Application of the Welfare Quality® protocol at pig slaughterhouses. *Animal Welfare* 18: 497-505.

Dalmau, A., Fàbrega, E., Velarde, A. (2009). Fear assessment in pigs exposed to a novel object test. *Applied Animal Behaviour Science* 117: 173-180.

Velarde, A., Cruz, J., Gispert, M., Carrión, D., Ruiz-de-la-Torre, J.L., Diestre, A., Manteca, X. (2007) Aversion to carbon dioxide stunning in pigs: effect of the carbon dioxide concentration and the halothane genotype. *Animal Welfare* 16: 513-522.

Fàbrega, E., Coma, J., Tibau, J., Manteca, X., Velarde, A. (2007) Evaluation of parameters for monitoring welfare during transport and lairage at the abattoir in pigs. *Animal Welfare* 16: 201-204.

Velarde, A., Ruiz de la Torre, J. L., Rosello, C. Fàbrega, E, Diestre A. and Manteca X (2002). Assessment of unconsciousness after electrical stunning in sheep *Animal Welfare* 11:333-341.
