







anima

AN INTERNATIONAL JOURNAL OF ANIMAL BIOSCIENCE

CAMBRIDGE UNIVERSITY PRESS



animal

animal









CONTENTS

Breeding and genetics Wu, J., Liu, Y. and Xu, N. Histological characteristics of longissimus dorsi muscle and their correlation with restriction fragment	
polymorphisms of calpastatin gene in F ₂ Jinghua×Piétrain crossbred pigs	123
Zuo, B., Yang, H., Lei, M. G., Li, F. E., Deng, C. Y., Jiang, S. W. and Xiong, Y. Z. Association of the polymorphism in GYS1 and ACOX1 genes with meat quality traits in pigs	124
Yuan, J. F., Jafer, O., Affara, N. A., Gong, Y. Z., Yang, L. G., Liu, J., Moaeen-ud-Din, M., Li, W. M. and Zhang, S. J. Association of four new single-nucleotide polymorphisms in follicle-stimulating hormone	124
receptor and zona pellucida glycoprotein with reproductive traits in pigs	124
Nielsen, H. M. and Amer, P. R. An approach to derive economic weights in breeding objectives using partial profile choice experiments	125
Nutrition Faulconnier, Y., Ortigues-Marty, I., Delavaud, C., Dozias, D., Jailler, R., Micol, D. and Chilliard, Y. Influence of the diet and grazing on adipose tissue lipogenic activities and plasma leptin in steers	126
Ducasse-Cabanot, S., Zambonino-Infante, J., Richard, N., Medale, F., Corraze, G., Mambrini, M., Robin, J., Cahu, C., Kaushik, S. and Panserat, S.	
Reduced lipid intake leads to changes in digestive enzymes in the intestine but has minor effects on key enzymes of hepatic intermediary metabolism in rainbow trout (<i>Oncorhynchus mykiss</i>)	127
BSAS Annual Meeting, 2007. Session "Responses to nutrients" Southport, UK, 2–4 April 2007	
Greenwood, P. L. and Cafe, L. M. Prenatal and pre-weaning growth and nutrition of cattle: long-term consequences for beef	400
production (review)	128
Hocquette, J. F., Tesseraud, S., Cassar-Malek, I., Chilliard, Y. and Ortigues-Marty, I. Responses to nutrients in farm animals: implications for production and quality (review)	129
Salter, A. M. and Tarling, E. J. Regulation of gene transcription by fatty acids (review)	131
Behaviour, welfare and health	
Sankar, R, Archunan, G. and Habara, Y.	132
Detection of oestrous-related odour in bovine (Bos taurus) saliva: bioassay of identified compounds	132
Poindron, P., Gilling, G., Hernández, H., Serafín, N. and Terrazas, A. Preference of 12-h-old kids for their mother goat is impaired by pre-partum-induced anosmia in the mother	132
Farming systems and environment O'Connell, M. K., Lynch, P. B., Bertholot, S., Verlait, F. and Lawlor, P. G.	100
Measuring changes in physical size and predicting weight of sows during gestation	133
Masoero, F., Gallo, A., Moschini, M., Piva, G. and Diaz, D. Carryover of aflatoxin from feed to milk in dairy cows with low or high somatic cell counts	134
Berry, D. P., Buckley, F. and Dillon, P. Body condition score and live-weight effects on milk production in Irish Holstein-Friesian dairy cows	135
BSAS Ethnoveterinary Conference, 2006	
Writtle College, Chelmsford, UK, 14–15 September 2006 Villalba, J. J. and Provenza, F. D.	
Self-medication and homeostatic behaviour in herbivores: learning about the benefits of nature's	
pharmacy (review)	136

Bioactivity of phytochemicals in some lesser-known plants and their effects and potential applications

Cambridge Journals Online

For futher information about this journal please go to the journal web site at: http://www.journals.cambridge.org/jid_anm

in livestock and aquaculture production systems (review)

Medicinal plants for helminth parasite control: facts and fiction (review)

Makkar, H. P. S., Francis, G. and Becker, K.

Athanasiadou, S., Githiori, J. and Kyriazakis, I.



1371

1392