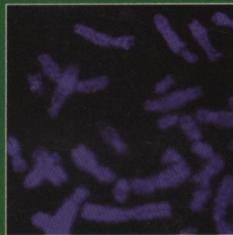
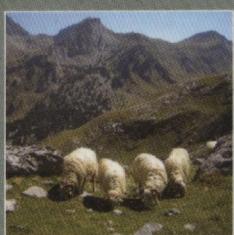


ISSN 1751-7311



VOLUME 2



animal

AN INTERNATIONAL JOURNAL OF ANIMAL BIOSCIENCE



animal

CAMBRIDGE
UNIVERSITY PRESS

CONTENTS

BSAS Meeting, 2007 'Fertility in dairy cows: bridging the gaps'	
Royal, M. D., Smith, R. F. and Friggens, N. C.	1101
Fertility in dairy cows: bridging the gaps (<i>foreword</i>)	1101
Dobson, H., Walker, S. L., Morris, M. J., Routly, J. E. and Smith, R. F.	
Why is it getting more difficult to successfully artificially inseminate dairy cows? (<i>review</i>)	1104
Morris, D. and Diskin, M.	
Effect of progesterone on embryo survival (<i>review</i>)	1112
Leroy, J. L. M. R., Van Soom, A., Opsomer, G. and Bols, P. E. J.	
The consequences of metabolic changes in high-yielding dairy cows on oocyte and embryo quality (<i>review</i>)	1120
Gardner, D. S., Lea, R. G. and Sinclair, K. D.	
Developmental programming of reproduction and fertility: what is the evidence? (<i>review</i>)	1128
Wathes, D. C., Brickell, J. S., Bourne, N. E., Swali, A. and Cheng, Z.	
Factors influencing heifer survival and fertility on commercial dairy farms (<i>review</i>)	1135
Garnsworthy, P. C., Sinclair, K. D. and Webb, R.	
Integration of physiological mechanisms that influence fertility in dairy cows (<i>review</i>)	1144
Williams, E. J., Herath, S., England, G. C. W., Dobson, H., Bryant, C. E. and Sheldon, I. M.	
Effect of <i>Escherichia coli</i> infection of the bovine uterus from the whole animal to the cell (<i>review</i>)	1153
Beerda, B., Wyszynska-Koko, J., te Pas, M. F. W., de Wit, A. A. C. and Veerkamp, R. F.	
Expression profiles of genes regulating dairy cow fertility: recent findings, ongoing activities and future possibilities (<i>review</i>)	1158
Breeding and genetics	
Bunter, K. L., Bennett, C., Luxford, B. G. and Graser, H.-U.	
Sire breed comparisons for meat and eating quality traits in Australian pig populations	1168
Hermesch, S.	
Genetic relationships between composition of pork bellies and performance, carcase and meat quality traits	1178
Nutrition	
Pickard, R. M., Beard, A. P., Seal, C. J. and Edwards, S. A.	
Neonatal lamb vigour is improved by feeding docosahexaenoic acid in the form of algal biomass during late gestation	1186
Metcalf, J. A., Mansbridge, R. J., Blake, J. S., Oldham, J. D. and Newbold, J. R.	
The efficiency of conversion of metabolisable protein into milk true protein over a range of metabolisable protein intakes	1193
Sauvant, D., Schmidely, P., Daudin, J. J. and St-Pierre, N. R.	
Meta-analyses of experimental data in animal nutrition	1203
Physiology and functional biology of systems	
Bauer, A., Lacorn, M., Danowski, K. and Claus, R.	
Effects of immunization against GnRH on gonadotropins, the GH-IGF-I-axis and metabolic parameters in barrows	1215
Lemley, C. O., Koch, J. M., Bleatings, K. P., Krause, K. M. and Wilson, M. E.	
Concomitant changes in progesterone catabolic enzymes, cytochrome P450 2C and 3A, with plasma insulin concentrations in ewes supplemented with sodium acetate or sodium propionate	1223
Behaviour, welfare and health	
Onyiro, O. M., Offer, J. and Brotherstone, S.	
Risk factors and milk yield losses associated with lameness in Holstein-Friesian dairy cattle	1230
Barton Gade, P.	
Effect of rearing system and mixing at loading on transport and lairage behaviour and meat quality: comparison of free range and conventionally raised pigs	1238
Farming systems and environment	
Cóndor, R. D., Valli, L., De Rosa, G., Di Francia, A. and De Lauretis, R.	
Estimation of the methane emission factor for the Italian Mediterranean buffalo	1247
Product quality, human health and well-being	
Kemp, C. M. and Parr, T.	
The effect of recombinant caspase 3 on myofibrillar proteins in porcine skeletal muscle	1254

Cambridge Journals Online

For further information about this journal please go to
 the journal web site at:
journals.cambridge.org/anm

CAMBRIDGE
 UNIVERSITY PRESS