

Cambridge Journals Digital Archive

- ▶ 1770 – 2011
- ▶ Over 220 titles
- ▶ From Volume 1



journals.cambridge.org/archives



CAMBRIDGE
UNIVERSITY PRESS

CONTENTS

Breeding and genetics

- Pollott, G. E., Charlesworth, A. and Wathes, D. C.* Possibilities to improve the genetic evaluation of a rare breed using limited genomic information and multivariate BLUP 685
Carthy, T. R., Berry, D. P., Fitzgerald, A., McParland, S., Williams, E. J., Butler, S. T., Cromie, A. R. and Ryan, D. Risk factors associated with detailed reproductive phenotypes in dairy and beef cows 695

Nutrition

- Pomar, C., Pomar, J., Dubeau, F., Joannopoulos, E. and Dussault, J.-P.* The impact of daily multiphase feeding on animal performance, body composition, nitrogen and phosphorus excretions, and feed costs in growing-finishing pigs 704



- Castellano, R., Aguinaga, M. A., Nieto, R., Aguilera, J. F., Haro, A. and Seiquer, I.* Effects of intermittent suckling on body composition of Iberian piglets weaned at 35 days of age 714

- Bontempo, V., Jiang, X. R., Cheli, F., Lo Verso, L., Mantovani, G., Vitari, F., Domeneghini, C. and Agazzi, A.* Administration of a novel plant extract product via drinking water to post-weaning piglets: effects on performance and gut health 721

- Aperce, C. C., Heidenreich, J. M and Drouillard, J. S.* Capacity of the bovine intestinal mucus and its components to support growth of *Escherichia coli* O157:H7 731

- Hymøller, L., Hellwing, A. L. F., Lund, P. and Weisbjerg, M. R.* Milk production is unaffected by replacing barley or sodium hydroxide wheat with maize cob silage in rations for dairy cows 738

- Reith, S., Pries, M., Verhülsdonk, C., Brandt, H. and Hoy, S.* Influence of estrus on dry matter intake, water intake and BW of dairy cows 748



- Physiology and functional biology of systems**
Woelders, H., van der Lende, T., Kommadath, A., te Pas, M. F. W., Smits, M. A. and Kaal, L. M. T. E. Central genomic regulation of the expression of oestrous behaviour in dairy cows: a review 754

- Viudes-de-Castro, M. P., Lavara, R., Safaa, H. M., Marco-Jiménez, F., Mehaisen, G. M. K. and Vicente, J. S.* Effect of freezing extender composition and male line on semen traits and reproductive performance in rabbits 765

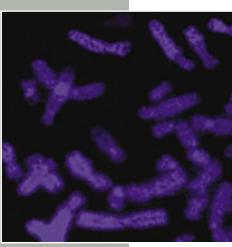
- Mocé, E., Tomás, C., Blanch, E. and Graham, J. K.* Effect of cholesterol-loaded cyclodextrins on bull and goat sperm processed with fast or slow cryopreservation protocols 771

- Scholljegerdes, E. J., Lekatz, L. A. and Vonnahme, K. A.* Effects of short-term oilseed supplementation on plasma fatty acid composition, progesterone and prostaglandin F metabolite in lactating beef cows 777

- Colombo, M., Priori, D., Gandolfi, G., Boatto, G., Nieddu, M., Bosi, P. and Trevisi, P.* Effect of free thymol on differential gene expression in gastric mucosa of the young pig 786

- Willemen, S. A., Che, L., Dewilde, S., Van Hauwaert, M. L., De Vos, M., Huygelen, V., Fransen, E., Tambuyzer, B. R., Casteleyn, C., Van Cruchten, S. and Van Ginneken, C.* Enteric and serological distribution of serotonin and its precursor tryptophan in perinatal low and normal weight piglets 792

- Zhang, J., Suh, Y., Choi, Y. M., Ahn, J., Davis, M. E. and Lee, K.* Differential expression of cyclin G2, cyclin-dependent kinase inhibitor 2C and peripheral myelin protein 22 genes during adipogenesis 800



- Behaviour, welfare and health**
Martelli, G., Sardi, L., Stancampiano, L., Govoni, N., Zannoni, A., Nannoni, E., Forni, M. and Bacci, M. L. A study on some welfare-related parameters of hDAF transgenic pigs when compared with their conventional close relatives 810



- Della-Rossa, L., Dumont, B. and Chadœuf, J.* How to estimate variability in affinity relationships in partially observed groups of domestic herbivores? 817

- Kirchner, M. K., Schulze Westerath, H., Knierim, U., Tessitore, E., Cozzi, G., Pfeiffer, C. and Winckler, C.* Application of the Welfare Quality® assessment system on European beef bull farms 827

- Leclercq, C., Prunier, A. and Merlot, E.* Effects of neonatal surgical castration and immunocastration in male pigs on blood T lymphocytes and health markers 836

- Slifetz, M. J., Friendship, R., de Lange, C. F. M., Slavic, D., Grgic, H. and Farzan, A.* Immunomodulatory factors and infectious agents associated with the hepatic gene expression of the IGF system in nursery pigs 844

- Donat, K., Soschinka, A., Erhardt, G. and Brandt, H. R.* Paratuberculosis: decrease in milk production of German Holstein dairy cows shedding *Mycobacterium avium* ssp. *paratuberculosis* depends on within-herd prevalence 852

Cambridge Journals Online

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



MIX
Paper from
responsible
sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS