PRODUCTION ANIMAL STUDIES RESEARCH: 2013

- Hossain F, Hossain M, Kabir M, <u>Fasina F</u>. 2013 Effectiveness of combined treatment using *Spirulina* and vitamin A against chronic arsenicosis in rats. AFRICAN JOURNAL OF PHARMACY AND PHARMACOLOGY, (7) 20 pp 1260-1266
- Bocchino C, <u>Burroughs R</u>. 2013 Synergies across the natural resources management fields in Southern Africa: Disaster Risk Reduction and One Health. JAMBA: JOURNAL OF DISASTER RISK STUDIES, (5) 2 pp 1-10
- Mai H, Irons P, Kabir J, Thompson P. 2013. Prevalence of bovine genital campylobacteriosis and trichomonosis of bulls in northern Nigeria. ACTA VETERINARIA SCANDINAVICA (55) 56 pp 1-9
- <u>Steckler D, Nothling J, Harper C.</u> 2013. Prediction of the optimal time for insemination using frozenthawed semen in a multi-sire insemination trial in bitches ANIMAL REPRODUCTION SCIENCE (142) pp 191-197
- Abolnik C, Fehrsen J, Olivier A, Van Wyngaardt W, Fosgate G, Ellis C. 2013. Serological investigation of highly pathogenic avian influenza H5N2 in ostriches (*Struthio camelus*). AVIAN PATHOLOGY(42) 3 pp 206-214
- <u>Fasina F</u>, Olaokun O, Oladipo O, Fasina M, Makinde A, Heath L, Bastos A. 2013. Phytochemical analysis and *in-vitro* anti-African swine fever virus activity of extracts and fractions of *Ancistrocladus uncinatus*, Hutch and Dalziel (Ancistrocladaceae). BMC VETERINARY RESEARCH (9) 120 pp 1-11
- Cenci-Goga B, Ciampelli A, Sechi P, Veronesi F, Moretta I, Cambiotti V, <u>Thompson P</u>. 2013. Seroprevalence and risk factors for *Toxoplasma gondii* in sheep in Grosseto district, Tuscany, Italy. BMC VETERINARY RESEARCH, (9) 25 pp 1-8
- <u>Petzer I, Karzis J, Lesosky M, Watermeyer J, Badenhorst R.</u> 2013. Host adapted intramammary infections in pregnant heifers which were co-housed and reared on fresh milk as calves. BMC VETERINARY RESEARCH (9) 49 pp 1-6
- Abu Samra N, Jori F, Xiao L, Rikhotso O, Thompson P. 2013. Molecular characterization of Cryptosporidium species at the wildlife/livestock interface of the Kruger National Park, South Africa. COMPARATIVE IMMUNOLOGY MICROBIOLOGY AND INFECTIOUS DISEASES, (36) pp 295-302
- Metras R, Baguelin M, Edmunds W, <u>Thompson P</u>, Kemp A, Pfeiffer D, Collins L, White R. 2013. Transmission Potential of Rift Valley Fever Virus over the Course of the 2010 Epidemic in South Africa. EMERGING INFECTIOUS DISEASES, (19) 6 pp 916-924
- <u>Schulman M, Botha A, Muenscher-Ganswindt S, Annandale C, Guthrie A, Bertschinger H.</u> 2013 Reversibility of the effects of GnRH-vaccination used to suppress reproductive function in mares. EQUINE VETERINARY JOURNAL, (45) pp 111-113
- Mcconnell E, Rioja Garcia E, Bester L, Sanz M, <u>Fosgate G</u>, Saulez M. 2013. Use of near-infrared spectroscopy to identify trends in regional cerebral oxygen saturation in horses. EQUINE VETERINARY JOURNAL, (45) pp 470-475
- Ludwig C, Wachter B, Silinski-Mehr S, Ganswindt A, <u>Bertschinger H</u>, Hofer H, Dehnhard M. 2013. Characterisation and validation of an enzyme-immunoassay for the non-invasive assessment of faecal glucocorticoid metabolites in cheetahs (*Acinonyx jubatus*). GENERAL AND COMPARATIVE ENDOCRINOLOGY, (180) pp 15-23

- Patterson B, Barr J, <u>Fosgate G</u>, Berghoff N, Steiner J, Suchodolski J, Black D. 2013. Homocysteine in dogs with systemic inflammatory response syndrome. JOURNAL OF SMALL ANIMAL PRACTICE, (54) pp 620-624
- <u>Leask R, Botha A, Bath G.</u> 2013. Schmallenberg virus Is it present in South Africa? JOURNAL OF THE SOUTH AFRICAN VETERINARY ASSOCIATION-TYDSKRIF VAN DIE SUID-AFRIKAANSE VETERINERE VERENIGING, (84) 1 pp 1-4
- Saunders A, Gordon S, Rector M, DeMaster A, Jackson N, Clubb F, <u>Fosgate G</u>, Miller M. 2013. Bradyarrhythmias and Pacemaker Therapy in Dogs with Chagas Disease. JOURNAL OF VETERINARY INTERNAL MEDICINE, (27) pp 890-894
- Van Wie E, <u>Fosgate G</u>, Mankin J, Jeffery N, Kerwin S, Levine G, Greatting H, Chen A, Barker A, Levine J. 2013. Prospectively Recorded versus Medical Record-Derived Spinal Cord Injury Scores in Dogs with Intervertebral Disk Herniation. JOURNAL OF VETERINARY INTERNAL MEDICINE, (27) 1273-1277
- <u>Thompson P, Pienaar N</u>. 2013. Temporal and spatial history of Rift Valley fever in South Africa: 1950 to 2011. ONDERSTEPOORT JOURNAL OF VETERINARY RESEARCH, (80) 1 pp 1-13
- <u>Hughes S</u>, Quan M, Guthrie A, <u>Schulman M</u>. 2013. Development of real-time reverse transcription polymerase chain reaction assays to quantify insulin-like growth factor receptor and insulin receptor expression in equine tissue. ONDERSTEPOORT JOURNAL OF VETERINARY RESEARCH, (80) 402 pp 1-7
- Fafetine J, Neves L, <u>Thompson P</u>, Paweska J, Rutten V, Coetzer J. 2013. Serological Evidence of Rift Valley Fever Virus Circulation in Sheep and Goats in Zambézia Province, Mozambique. PLOS NEGLECTED TROPICAL DISEASES, (7), 2 pp 1-8
- <u>Fasina F</u>, Connell D, Talabi O, <u>Lazarus D</u>, Adeleke G, Olusanya T, Hernandez J. 2013. Foot-and-mouth disease virus strains and examination of exposure factors associated with seropositivity of cattle herds in Nigeria during 2007-2009. PREVENTIVE VETERINARY MEDICINE, (109) pp 334-342
- <u>Chaka H</u>, Goutard F, Roger F, Bisschop S, <u>Thompson P</u>. 2013. Household-level risk factors for Newcastle disease seropositivity and incidence of Newcastle disease virus exposure in backyard chicken flocks in Eastern Shewa zone, Ethiopia. PREVENTIVE VETERINARY MEDICINE, (109) pp 312-320
- Mai H, Irons P, Kabir J, Thompson P. 2013. Herd-level risk factors for *Campylobacter fetus* infection, *Brucella* seropositivity and within-herd seroprevalence of brucellosis in cattle in northern Nigeria. PREVENTIVE VETERINARY MEDICINE. (111) pp 256-267
- Bhattarai B, <u>Fosgate G</u>, Osterstock J, Fossler C, Park S, Roussel A. 2013. Perceptions of veterinarians in bovine practice and producers with beef cow-calf operations enrolled in the US Voluntary Bovine Johne's Disease Control Program concerning economic losses associated with Johne's disease. PREVENTIVE VETERINARY MEDICINE, (112) pp 330-337
- Stansfield F, Nothling J, Allen W. 2013. The progression of small-follicle reserves in the ovaries of wild African elephants (*Loxodonta africana*) from puberty to reproductive senescence. REPRODUCTION FERTILITY AND DEVELOPMENT, (25) pp 1165-1173
- <u>Leask R</u>, van Wyk J, <u>Thompson P</u>, <u>Bath G</u>. 2013. The effect of application of the FAMACHA© system on selected production parameters in sheep. SMALL RUMINANT RESEARCH, (110) pp 1-8
- Fernandez-Pinero J,Gallardo C, Elizalde M, Robles A, Gomez C, Bishop R, Heath L, Couacy-Hymman E, <u>Fasina F</u>, Pelayo V, Soler A, Arias M. 2013. Molecular Diagnosis of African Swine Fever by a New Real-Time PCR Using Universal Probe Library. TRANSBOUNDARY AND EMERGING DISEASES, (60) pp 48-58

Solomon P, Bisschop S, Joannis T, Shittu I, Meseko C, Sulaiman L, Gado D, Oladokun A, Olawuyi K, Abolnik C. 2013. Phylogenetic analysis of Newcastle disease viruses isolated from asymptomatic guinea fowls (*Numida meleagris*) and Muscovy ducks (*Cariana moscata*) in Nigeria. TROPICAL ANIMAL HEALTH AND PRODUCTION, (45) pp 53-57

<u>Chaka H</u>, Goutard F, Gil P, <u>Abolnik C</u>, Servan de Almeida R, Bisschop S, <u>Thompson P</u>. 2013. Serological and molecular investigation of Newcastle disease in household chicken flocks and associated markets in Eastern Shewa zone, Ethiopia. TROPICAL ANIMAL HEALTH AND PRODUCTION, (45) pp 705-714

<u>Chapwanya A</u>, Meade K, Doherty M, Callanan J, O'Farrelly C. 2013. Endometrial epithelial cells are potent producers of *tracheal antimicrobial peptide* and *serum amyloid A3* gene expression in response to *E.coli* stimulation. VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY, (151) pp 157-162

Bostrom B, Xenoulis P, Newman S, Pool R, <u>Fosgate G</u>, Steiner J. 2013. Chronic pancreatitis in dogs: A retrospective study of clinical, clinicopathological findings in 61 cases. VETERINARY JOURNAL, (195) pp 73-79

<u>Fosgate G, Petzer I, Karzis J.</u> 2013. Sensitivity and specificity of a hand-held milk electrical conductivity meter compared to the California mastitis test for mastitis in dairy cattle. VETERINARY JOURNAL, (196) pp 98-102

Gallardo C, Soler A, Nieto R, Carrascosa A, De Mia G, Bishop R, Martins C, <u>Fasina F</u>, Couacy-Hymman E, Heath L, Pelayo V, Martin E, Simon A, Martin R, Arias M. 2013. Comparative evaluation of novel African swine fever virus (ASF) antibody detection techniques derived from specific ASF viral genotypes with the OIE internationally prescribed serological tests. VETERINARY MICROBIOLOGY, (162) pp 32-43

<u>Schulman M, May C, Keys B, Guthrie A.</u> 2013. Contagious equine metritis: Artificial reproduction changes the epidemiologic paradigm. VETERINARY MICROBIOLOGY, (167) pp 2-8

<u>Schulman M</u>, Kass P, Becker A, van der Merwe B. 2013. A predictive model for reproductive performance following abortion in Thoroughbred mares. VETERINARY RECORD, (172) 2 pp 1-6

Hettlich B, Allen M, Pascetta D, <u>Fosgate G</u>, Litsky A. 2013. Biomechanical Comparison between Bicortical Pin and Monocortical Screw/Polymethylmethacrylate Constructs in the Cadaveric Canine Cervical Vertebral Column. VETERINARY SURGERY, (42) pp 693-700

Abu Samra N, Thompson P, Jori F, Frean J, Poonsamy B, du Plessis D, Mogoye B, Xiao L. 2013. Genetic Characterization of Cryptosporidium spp. in Diarrhoeic Children from Four Provinces in South Africa. ZOONOSES AND PUBLIC HEALTH, (60) 2 pp 154-159