

Papers published by VLA staff in 2007

ANIMAL HEALTH AND WELFARE

Livesey CT; Laven RA 2007

Effects of housing and intake of methionine on the growth and wear of hoof horn and the conformation of the hooves of first-lactation Holstein heifers.

Veterinary Record 160 (14) 470-476

Reichel R 2007

The results of a questionnaire on thin ewes and reasons for culling.

Proceedings of the Sheep Veterinary Society (30) 67-68

Van Der Burgt G; Dowle M 2007

Microchip insertion in alpacas (letter).

Veterinary Record 160 (6) 204

ANTIMICROBIAL RESISTANCE

Garcia-Migura L; Liebana E; Jensen LB; Barnes S; Pleydell E 2007

A longitudinal study to assess the persistence of vancomycin-resistant *Enterococcus faecium* (VREF) on an intensive broiler farm in the United Kingdom.

FEMS Microbiology Letters 275 (2) 319-325

Garcia-Migura L; Liebana E; Jensen LB 2007

Transposon characterization of vancomycin-resistant *Enterococcus faecium* (VREF) and dissemination of resistance associated with transferable plasmids.

Journal of Antimicrobial Chemotherapy 60 (2) 263-268

Hopkins KL; Batchelor MJ; Anjum M; Davies RH; Threlfall EJ 2007

Comparison of antimicrobial resistance genes in nontyphoidal salmonellae of serotypes enteritidis, hadar, and virchow from humans and food-producing animals in England and Wales.

Microbial Drug Resistance 13 (4) 281-288

BIOSECURITY

Goodger J 2007

Biosecurity at VLA is very high (letter).

Farmers Weekly 12 October, 32

BOVINE SPONGIFORM ENCEPHALOPATHY (see also SCRAPIE and TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHY)

Allison GG; Horton RA; Stevens PR; Jackman R; Moorby JM 2007

Changes in plasma metabolites and muscle glycogen are correlated to bovine spongiform encephalopathy in infected dairy cattle.

Research in Veterinary Science 83 (1) 40-46

Arnold ME; Ryan JBM; Konold T; Simmons MM; Spencer YI; Wear A; Chaplin M; Stack M; Czub S; Mueller R; Webb PR; Davis A; Spiropoulos J; Holdaway J; Hawkins SAC; Austin AR; Wells GAH 2007

Estimating the temporal relationship between PrPSc detection and incubation period in experimental bovine spongiform encephalopathy of cattle.

Journal of General Virology 88 (11) 3198-3208

- Fryer HR; Baylis M; Sivam K; McLean AR 2007
Quantifying the risk from ovine BSE and the impact of control strategies.
Proceedings of the Royal Society B 274 (1617) 1497-1503
- Gonzalez L; Chianini F; Martin S; Siso S; Gibbard L; Reid HW; Jeffrey M 2007
Comparative titration of experimental ovine BSE infectivity in sheep and mice.
Journal of General Virology 88 (2) 714-717
- Hornlimann B; Ryan J; MacDiarmid SC 2007
The course of the BSE epidemic - retrospective epidemiological considerations.
In: *Hornlimann B (ed), Riesner D (ed), Kretzschmar H (ed); Prions in humans and animals*, De Gruyter, Berlin, 2007, 449-463
- Masujin K; Matthews D; Wells GAH; Mohri S; Yokoyama T 2007
Prions in the peripheral nerves of bovine spongiform encephalopathy-affected cattle.
Journal of General Virology 88 (6) 1850-1858
- Philipp WJ; Groth D; Giles K; Vodrazka P; Schimmel H; Feyssaguet M; Toomik R; Schacher P; Osman AA; Lachmann I; Wear A; Arsac JN; Prusiner SB 2007
Transgenic mouse brains for the evaluation and quality control of BSE tests.
Biological Chemistry 388 (3) 349-354
- Saunders GC; Griffiths PC; Cawthraw S; Tout AC; Wiener P; Woolliams JA; Williams JL; Windl O 2007
Polymorphisms of the prion protein gene coding region in born-after-the-reinforced-ban (BARB) bovine spongiform encephalopathy cattle in Great Britain.
Journal of General Virology 88 (4) 1374-1378
- Schicker E; Braun U; Hornlimann B; Konold T 2007
Clinical findings in bovine spongiform encephalopathy.
In: *Hornlimann B (ed), Riesner D (ed), Kretzschmar H (ed); Prions in humans and animals*, De Gruyter, Berlin, 2007, 389-397
- Terry LA; Jenkins R; Thorne L; Everest SJ; Chaplin MJ; Davis LA; Stack MJ 2007
First case of H-type bovine spongiform encephalopathy identified in Great Britain.
Veterinary Record 160 (25) 873-875
- Wells GAH; Konold T; Arnold ME; Austin AR; Hawkins SAC; Stack M; Simmons MM; Lee YH; Gavier-Widen D; Dawson M; Wilesmith JW 2007
Bovine spongiform encephalopathy: the effect of oral exposure dose on attack rate and incubation period in cattle.
Journal of General Virology 88 (4) 1363-1373
- Wells GAH; Hawkins SAC; Pohlenz J; Matthews D 2007
Portrait of experimental BSE in pigs.
In: *Hornlimann B (ed), Riesner D (ed), Kretzschmar H (ed); Prions in humans and animals*, De Gruyter, Berlin, 2007, 275-278

BRUCELLA

Commander NJ; Spencer SA; Wren BW; Macmillan AP 2007

The identification of two protective DNA vaccines from a panel of five plasmid constructs encoding *Brucella melitensis* 16M genes.

Vaccine 25 (1) 43-54

Groussaud P; Shankster SJ; Koylass MS; Whatmore AM 2007

Molecular typing divides marine mammal strains of brucella into at least three groups with distinct host preferences.

Journal of Medical Microbiology 56 (11) 1512-1518

Jackson R; Ward D; Kennard R; Amirbekov M; Stack J; Amanfu W; El-Idrissi A; Otto H 2007

Survey of the seroprevalence of brucellosis in ruminants in Tajikistan.

Veterinary Record 161 (14) 476-482

McGiven J; Hendry L; Brown D; Stack J; Perrett L; Mawhinney I 2007

The improved specificity of bovine brucellosis testing in Great Britain.

Research in Veterinary Science 84 (1) 38-40

Minas A; Stournara A; Minas M; Stack J; Petridou E; Christodoulouopoulos G; Krikelis V 2007

Validation of a fluorescence polarization assay (FPA) performed in microplates and comparison with other tests used for diagnosing *B. melitensis* infection in sheep and goats.

Journal of Immunological Methods 320 (1-2) 94-103

Scott JC; Koylass MS; Stubberfield MR; Whatmore AM 2007

Multiplex assay based on single-nucleotide polymorphisms for rapid identification of brucella isolates at the species level.

Applied and Environmental Microbiology 73 (22) 7331-7337

Stournara A; Minas A; Bourtizi-Chatzopoulou E; Stack J; Koptopoulos G; Petridou E; Sarris K 2007

Assessment of serological response of young and adult sheep to conjunctival vaccination with Rev-1 vaccine by fluorescence polarization assay (FPA) and other serological tests for *B. melitensis*.

Veterinary Microbiology 119 (1) 53-64

Whatmore AM; Perrett LL; Macmillan AP 2007

Characterisation of the genetic diversity of brucella by multilocus sequencing.

BMC Microbiology 7 (34)

CAMPYLOBACTER

Barnes HA; Bagnall MC; Browning DD; Thompson SA; Manning G; Newell DG 2007

Gamma-glutamyl transpeptidase has a role in the persistent colonization of the avian gut by *Campylobacter jejuni*.

Microbial Pathogenesis 43 (5-6) 198-207

McCarthy ND; Colles FM; Dingle FE; Bagnall MC; Manning G; Maiden MCJ; Falush D 2007

Host-associated genetic import in *Campylobacter jejuni*.

Emerging Infectious Diseases 13 (2) 267-272

Ogden ID; MacRae M; Johnston M; Strachan NJC; Cody AJ; Dingle KE; Newell DG 2007

Use of multilocus sequence typing to investigate the association between the presence of campylobacter spp. in broiler drinking water and campylobacter colonization in broilers.

Applied and Environmental Microbiology 73 (16) 5125-5129

CATTLE DISEASES AND CONDITIONS

Cabell E 2007

Bovine abortion: aetiology and investigations.
In Practice 29 (8) 455-463

Caldow G; Strain SAJ; Chapman Z; Kemp R; Cook AJ 2007

A survey to estimate the herd level prevalence of paratuberculosis in the dairy herd of the United Kingdom.
Cattle Practice 15 (2) 169-171

Foster A; Livesey C; Edwards G 2007

Magnesium disorders in ruminants.
In Practice 29 (9) 534-539

Harwood D 2007

Clostridial diseases in cattle: part 2.
UK Vet 12 (2) 21-24

Harwood DG; Higgins RJ; Aggett DJ 2007

Outbreak of intestinal and lingual *Clostridium chauvoei* infection in two-year-old Friesian heifers.
Veterinary Record 161 (9) 307-308

Hateley G 2007

Traumatic reticuloperitonitis in cows (letter).
Veterinary Record 160 (25) 882

Holliman A; Daniel R; Twomey DF; Barnett J; Scholes S; Willoughby K; Russell G 2007

Malignant catarrhal fever in cattle in the UK (letter).
Veterinary Record 161 (14) 494-495

Laven RA; Lawrence KE; Livesey CT 2007

The assessment of blood copper status in cattle: a comparison of measurements of caeruloplasmin and elemental copper in serum and plasma.
New Zealand Veterinary Journal 55 (4) 171-176

Laven RA; Livesey CT 2007

An evaluation of the effect of clotting on the relationship between copper and caeruloplasmin in bovine blood.
Veterinary Journal 174 (2) 400-402

Livesey CT; Payne JH 2007

Iodine deficiency in dairy cattle.
Feed Compounder 27 (8) 22-25

Mearns R; Lewis H 2007

'Flying scapula' in cattle (letter).
Veterinary Record 161 (3) 107-108

Otter A; Cranwell M 2007

Differential diagnosis of diarrhoea in adult cattle.
In Practice 29 (1) 9-19

Pedreira M; Sanchez-Cordon PJ; Romero-Trevejo JL; Raya AI; Nunez A; Gomez-Villamandos JC 2007

Cytokine expression in paraffin wax-embedded tissues from conventional calves.
Journal of Comparative Pathology 136 (4) 273-278

Van Der Burgt G; Clark W; Knight R 2007

Cattle fertility problems and *Histophilus somni* (letter).
Veterinary Record 160 (17) 600

Wessels ME; Greenwood J 2007

Gastrocnemius myopathy in yearling beef cattle.
Veterinary Record 160 (19) 666-667

CHLAMYDIA

Twomey DF; Griffiths PC 2007

Detection of chlamydial DNA by PCR (letter).
Veterinary Record 161 (13) 460

CONTAGIOUS EQUINE METRITIS

Roest HIJ; Heath PJ; Dawson D; Markey G; Dijkstra YE; Engelsma M; Zijdeveld FG van 2007

Report from the first international conference on contagious equine metritis.
Tijdschrift Diergeneeskunde 132 (23) 936-938

ESCHERICHIA COLI

Aktan I; Carter B; Wilking H; La Ragione RM; Wieler L; Woodward MJ; Anjum MF 2007

Influence of geographical origin, host animal and stx gene on the virulence characteristics of *Escherichia coli* O26 strains.
Journal of Medical Microbiology 56 (11) 1431-1439

Aktan I; La Ragione RM; Woodward MJ 2007

Colonization, persistence, and tissue tropism of *Escherichia coli* O26 in conventionally reared weaned lambs.
Applied and Environmental Microbiology 73 (3) 691-698

Aktan I; La Ragione RM; Pritchard GC; Woodward MJ 2007

Prevalence of attaching and effacing *Escherichia coli* serogroup O103 in orphan lambs on an open farm in eastern England.
Veterinary Record 161 (11) 386-388

Anjum MF; Mafura M; Slickers P; Ballmer K; Kuhnert P; Woodward MJ; Ehrlich R 2007

Pathotyping *Escherichia coli* by using miniaturized DNA microarrays.
Applied and Environmental Microbiology 73 (17) 5692-5697

Ellis-Iversen J; Smith RP; Snow LC; Watson E; Millar MF; Pritchard GC; Sayers AR; Cook AJC; Evans SJ; Paiba GA 2007

Identification of management risk factors for VTEC O157 in young-stock in England and Wales.
Preventive Veterinary Medicine 82 (1-2) 29-41

Ooka T; Vieira MAM; Ogura Y; Beutin L; La Ragione R; Diemen PM van; Stevens MP; Aktan I; Cawthraw S; Best A; Hernandez RT; Krause G; Gomes TAT; Hayashi T; Frankel G 2007
Characterization of tccP2 carried by atypical enteropathogenic Escherichia coli.
FEMS Microbiology Letters 271 (1) 126-135

Pleydell EJ; Brown PE; Woodward MJ; Davies RH; French NP 2007
Sources of variation in the ampicillin-resistant Escherichia coli concentration in the feces of organic broiler chickens.
Applied and Environmental Microbiology 73 (1) 203-210

Roest HIJ; Liebana E; Wannet W; Duynhoven Y van; Veldman KT; Mevius DJ 2007
Antibiotic resistance in Escherichia coli O157 isolated between 1998 and 2003 in the Netherlands.
Tijdschrift voor Diergeneeskunde 132 (24) 954-958

Stacey KF; Parsons DJ; Christiansen KH; Burton CH 2007
Assessing the effect of interventions on the risk of cattle and sheep carrying Escherichia coli O157:H7 to the abattoir using a stochastic model.
Preventive Veterinary Medicine 79 (1) 32-45

Torres AG; Milflores-Flores L; Garcia-Gallegos JG; Patel SD; Best A; La Ragione RM; Martinez-Laguna Y; Woodward MJ 2007
Environmental regulation and colonization attributes of the long polar fimbriae (LPF) of Escherichia coli O157:H7.
International Journal of Medical Microbiology 297 (3) 177-185

West DM; Sprigings KA; Cassar C; Wakeley PR; Sawyer J; Davies RH 2007
Rapid detection of Escherichia coli virulence factor genes using multiplex real-time TaqMan® PCR assays.
Veterinary Microbiology 122 (3-4) 323-331

FOOD SAFETY (including residues and disease transmission)

Havelaar AH; Braunig J; Christiansen K; Cornu M; Hald T; Mangan MJJ; Molbak K; Pielat A; Snary E; Van Pelt W; Velthuis A; Wahlstrom H 2007
Towards an integrated approach in supporting microbiological food safety decisions.
Zoonoses and Public Health 54 (3-4) 103-117

Prado M; Berben G; Fumiere O; Duijn G van; Mensinga-Kruize J; Reaney S; Boix A; Christoph von Holst C 2007
Detection of ruminant meat and bone meals in animal feed by real-time polymerase chain reaction: result of an interlaboratory study.
Journal of Agricultural and Food Chemistry 55 (18) 7495-7501

Small A; James C; Davies R; Howell M; Hutchison M; Buncic S 2007
Construction, management and cleanliness of red meat abattoir lairages in the UK.
Meat Science 75 (3) 523-532

FOOT AND MOUTH DISEASE

Hartnett E; Adkin A; Seaman M; Cooper J; Watson E; Coburn H; England T; Marooney C; Cox A; Wooldridge M 2007
A quantitative assessment of the risks from illegally imported meat contaminated with foot and mouth disease virus to Great Britain.
Risk Analysis 27 (1) 187-202

IMMUNOLOGY

Flaminio MJBF; Ibrahim S; Lunn DP; Stark R; Steinbach F 2007

Further analysis of anti-human leukocyte mAbs with reactivity to equine leukocytes by two-colour flow cytometry and immunohistochemistry.

Veterinary Immunology and Immunopathology 119 (1-2) 92-99

Ibrahim S; Saunders K; Kydd JH; Lunn DP; Steinbach F 2007

Screening of anti-human leukocyte monoclonal antibodies for reactivity with equine leukocytes.

Veterinary Immunology and Immunopathology 119 (1-2) 63-80

Ibrahim S; Steinbach F 2007

Non-HLDA8 animal homologue section anti-leukocyte mAbs tested for reactivity with equine leukocytes.

Veterinary Immunology and Immunopathology 119 (1-2) 81-91

Steinback F; Saunders K; Kydd JH; Ibrahim S 2007

Further characterization of cross-reactive anti-human leukocyte mAbs by use of equine leukocyte cell lines EqT8888 and eCAS.

Veterinary Immunology and Immunopathology 119 (1-2) 100-105

INFLUENZA VIRUSES (including avian influenza)

Alexander DJ 2007

An overview of the epidemiology of avian influenza.

Vaccine 25 (30) 5637-5644

Alexander DJ 2007

Summary of avian influenza activity in Europe, Asia, Africa, and Australia, 2002-2006.

Avian Diseases 51 (1) Suppl. 161-166

Brown I; Irvine R; Cook A 2007

Avian flu testing (letter).

New Scientist 9 June, 26

Capua I; Alexander DJ 2007

Avian influenza infections in birds - a moving target.

Influenza and Other Respiratory Viruses 1 (1) 11-18

Crawshaw TR; Brown IH; Essen SC; Young SCL 2007

Significant rising antibody titres to influenza A are associated with an acute reduction in milk yield in cattle.

Cattle Practice 15 (3) 219-223

Ducatez MF; Tarnagda Z; Tahita MC; Sow A; Landtsheer S de; Londt BZ; Brown IH;

Osterhaus ADME; Ron A.M. Fouchier RAM; Ouedraogo JBB; Muller CP; 2007

Genetic characterization of HPAI (H5N1) viruses from poultry and wild vultures, Burkina Faso.

Emerging Infectious Diseases 13 (4) 611-613

- Howard W; Hayman A; Lackenby A; Whiteley A; Londt B; Banks J; McCauley J; Barclay W 2007
Development of a reverse genetics system enabling the rescue of recombinant avian influenza virus A/Turkey/England/50-92/91 (H5N1).
Avian Diseases 51 (1) Suppl. 393-395
- Irvine RM; Banks J; Londt BZ; Lister SA; Manvell RJ; Outtrim L; Russell C; Cox WJ; Ceeraz V; Shell W; Landeg FJ; Wilesmith JW; Alexander DJ; Brown I 2007
Outbreak of highly pathogenic avian influenza caused by Asian lineage H5N1 virus in turkeys in Great Britain in January 2007.
Veterinary Record 161 (3) 100-101
- Londt BZ; Banks J; Alexander DJ 2007
Highly pathogenic avian influenza viruses with low virulence for chickens in in vivo tests.
Avian Pathology 36 (5) 347-350
- Londt BZ; Banks J; Gardner R; Cox WJ; Brown IH 2007
Induced increase in virulence of low pathogenic avian influenza by serial intracerebral passage in chickens.
Avian Diseases 51 (1) Suppl. 396-400
- Palmai N; Erdelyi K; Balint A; Marton L; Dan A; Deim Z; Ursu K; Londt BZ; Brown IH; Glavits R 2007
Pathobiology of highly pathogenic avian influenza virus (H5N1) infection in mute swans (*Cygnus olor*).
Avian Pathology 36 (3) 245-249
- Pittman M; Laddomada A; Freigofas R; Piazza V; Brouw A; Brown IH 2007
Surveillance, prevention, and disease management of avian influenza in the European Union.
Journal of Wildlife Diseases 43 (Suppl) S64-S70
- Salzberg SL; Kingsford C; Cattoli G; Spiro DJ; Daniel A; Janies DA; Aly MM; Brown IH; Couacy-Hymann E; De Mia GM; Do Huu Dung; Guercio A; Joannis T; Safar Maken Ali A; Osmani A; Padalino I; Saad MD; Vladimir Savic V; Sengamalay NA; Samuel Yingst S; Zaborsky J; Zorman-Rojs O; Ghedin E; Capua I 2007
Genome analysis linking recent European and African influenza (H5N1) viruses.
Emerging Infectious Diseases 13 (5) 713-718
- Slomka MJ; Coward VJ; Banks J; Londt BZ; Brown IH; Voermans J; Koch G; Handberg KJ; Jorgensen PH; Cherbonnel-Pansart M; Jestin V; Cattoli G; Capua I; Ejdersund A; Thoren P; Czifra G 2007
Identification of sensitive and specific avian influenza polymerase chain reaction methods through blind ring trials organized in the European Union.
Avian Diseases 51 (1) Suppl. 227-234
- Slomka MJ; Pavlidis T; Banks J; Shell W; McNally A; Essen S; Brown IH 2007
Validated H5 Eurasian real-time reverse transcriptase-polymerase chain reaction and its application in H5N1 outbreaks in 2005-2006.
Avian Diseases 51 (1) Suppl. 373-377
- Snow LC; Newson SE; Musgrove AJ; Cranswick PA; Crick HQP; Wilesmith JW 2007
Risk-based surveillance for H5N1 avian influenza virus in wild birds in Great Britain.
Veterinary Record 161 (23) 775

Temperton NJ; Hoschler K; Major D; Nicolson C; Manvell R; Hien VM; Ha DQ; Jong M de; Zambon M; Takeuchi M; Weiss RA 2007

A sensitive retroviral pseudotype assay for influenza H5N1-neutralizing antibodies.
Influenza and other Respiratory Viruses 1 (3) 105-112

Truscott J; Garske T; Chis-Ster I; Guitian J; Pfeiffer D; Snow L; Wilesmith J; Ferguson NM; Ghani AC 2007

Control of a highly pathogenic H5N1 avian influenza outbreak in the GB poultry flock.
Proceedings of the Royal Society B 274 (1623) 2287-2295

MISCELLANEOUS

Cowan GJM; Atkins HS; Johnson LK; Titball RW; Mitchell TJ 2007

Immunisation with anthrolysin O or a genetic toxoid protects against challenge with the toxin but not against *Bacillus anthracis*.
Vaccine 25 (41) 7197-7205

Drew TW; Matthews D 2007

Developing standards: the role of the OIE expert.
Developments in Biologicals 128 87-96

Edwards S 2007

International reference laboratory networks: challenges and benefits.
Developments in Biologicals 128 97-102

Edwards S 2007

OIE standards for vaccines and future trends.
Revue Scientifique et Technique 26 (2) 373-378

Edwards S 2007

The work of the OIE Biological Standards Commission.
Developments in Biologicals 128 5-11

Mackie D; Colloff A; Ohnstad I 2007

Accreditation of milking machine engineers (letter).
Veterinary Record 160 (12) 415-416

McGiven J; Hendry L; Brown D; Gillard K; Katiyar A; Stack J; Perrett L; Rollins M; Hughes S; Ready R; Kemp P; Morris P; Mawhinney I 2007

The development of an efficient test automation and sample tracking system in a high-throughput veterinary laboratory to improve the emergency response to outbreaks of highly infectious disease in Great Britain.
JALA 12 (2) 73-82

McNally A; La Ragione RM; Best A; Manning G; Newell DG 2007

An aflagellate mutant *Yersinia enterocolitica* biotype 1A strain displays altered invasion of epithelial cells, persistence in macrophages, and cytokine secretion profiles in vitro.
Microbiology 153 (5) 1339-1349

Mpofu CM; Campbell BJ; Subramanian S; Marshall-Clarke S; Hart CA; Cross A; Roberts CL; McGoldrick A; Edwards SW; Rhodes JM 2007
Microbial mannan inhibits bacterial killing macrophages: a possible pathogenic mechanism for Crohn's disease.
Gastroenterology 133 (5) 1487-1498

Twomey DF; Boon JD; Aktan I; La Ragione RM; Higgins RJ; Preston GD 2007
Streptococcus bovis biotype I meningoencephalitis in an alpaca (Lama pacos) cria.
Veterinary Record 160 (10) 337-339

Wright P; Edwards S; Diallo A; Jacobson R 2007
Development of a framework for international certification by the OIE of diagnostic tests validated as fit for purpose.
Developments in Biologicals 128 27-35

MYCOPLASMA

Al-Momani W; Abu-Basha E; Janakat S; Nicholas RAJ; Ayling RD 2007
In vitro antimycoplasmal activity of six Jordanian medicinal plants against three Mycoplasma species.
Tropical Animal Health and Production 39 (7) 515-519

Antunes NT; Tavio MM; Mercier P; Ayling RD; Al-Momani W; Assuncao P; Rosales RS; Poveda JB 2007
In vitro susceptibilities of Mycoplasma putrefaciens field isolates.
Antimicrobial Agents and Chemotherapy 51 (9) 3452-3454

Ayling RD; Nicholas RAJ 2007
Mycoplasma respiratory infections.
In: *Aitken ID (ed); Diseases of sheep*, 4th ed., Blackwell Publishing, Oxford, 2007, 231-235

Houlihan MG; Veenstra B; Christian MK; Nicholas R; Ayling R 2007
Mastitis and arthritis in two dairy herds caused by Mycoplasma bovis (letter).
Veterinary Record 160 (4) 126-129

Houlihan MG; Veenstra B; Christian MK; Nicholas R; Ayling R 2007
Mycoplasma bovis causing mastitis in two dairy herds.
Cattle Practice 15 (3) 212-214

Loria GR; Casalone C; Sparacino L; Guercio A; Iulini B; Oliveri F; Tamburello A; Monteverde V; Caracappa S; Nicholas RAJ 2007
Mycoplasma agalactiae in sheep brains: a new site for infection?
Large Animal Review 13 (2) 65-68

McAuliffe L; Ayling RD; Nicholas RAJ 2007
Identification and characterization of variable-number tandem-repeat markers for the molecular epidemiological analysis of Mycoplasma mycoides subspecies mycoides SC.
FEMS Microbiology Letters 276 (2) 181-188

Nicholas R; Ayling R; McAuliffe L 2007
Mycoplasma mastitis (letter).
Veterinary Record 160 (11) 382-383

Sheehan M; Cassidy JP; Brady J; Ball H; Doherty ML; Quinn PJ; Nicholas RAJ; Markey BK 2007
An aetiopathological study of chronic bronchopneumonia in lambs in Ireland.
Veterinary Journal 173 (3) 630-637

Wrathall AE; Ayling RD; Simmons HA 2007
Risks of transmitting mycoplasmas by semen and embryo transfer techniques in cattle, sheep, goats and pigs.
CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources 2 (36)

NEWCASTLE DISEASE

Aldous EW; Manvell RJ; Cox WJ; Ceeraz V; Harwood DG; Shell W; Alexander DJ; Brown IH 2007
Outbreak of Newcastle disease in pheasants (*Phasianus colchicus*) in south-east England in July 2005.
Veterinary Record 160 (14) 482-484

Ganapathy K; Cox WJ; Gough RE; Cargill P; Montiel E; Jones RC 2007
Protection in specific pathogen free chickens with live avian metapneumovirus and Newcastle disease virus vaccines applied singly or in combination.
Avian Pathology 36 (4) 313-317

Koenen F; Have P; Silman M; Hutter S; van den Bergh T; Grund C; Terregina C; Gough R; Koch G; Czitra G; Jorgensen PH; Junback C; Hok Liang Oei 2007
Opinion of the Scientific Panel on Animal Health and Welfare (AHAW) to review Newcastle disease focussing on vaccination worldwide in order to determine its optimal use for disease control purposes.
EFSA Journal (477) 1-25.

PARASITOLOGY AND PARASITIC DISEASES

Bates P 2007
Other ectoparasitic conditions.
In: *Aitken ID (ed); Diseases of sheep*, 4th ed., Blackwell Publishing, Oxford, 2007, 326-337

Bates P 2007
Sheep nasal bot fly and differential diagnosis of bluetongue (letter).
Veterinary Record 160 (19) 671

Bates P 2007
Sheep scab (*Psoroptes ovis*).
In: *Aitken ID (ed); Diseases of sheep*, 4th ed., Blackwell Publishing, Oxford, 2007, 321-325

Duff JP; Pennycott TW; Willmington JA; Robertson SI 2007
Emergence of garden bird trichomonosis (letter).
Veterinary Record 161 (24) 828

Edwards GT; Mitchell ESE; Harwood DG 2007
Anthelmintic use in goats (letter).
Veterinary Record 161 (22) 763-764

Foster A; Jackson A; D'Alterio GL 2007
Skin diseases of South American camelids.
In Practice 29 (4) 216-223

Mitchell ESE 2007

Diagnosis of coccidiosis, fasciolosis and anthelmintic resistance in sheep.
Proceedings of the Sheep Veterinary Society (30) 39-41

Salimi-Bejestani MR; Daniel R; Cripps P; Felstead S; Williams DJL 2007

Evaluation of an enzyme-linked immunosorbent assay for detection of antibodies to *Fasciola hepatica* in milk.
Veterinary Parasitology 149 (3-4) 290-293

Schock A; Bidewell CA; Duff JP; Scholes SF; Higgins RJ 2007

Coccidiosis in British alpacas (*Vicugna pacos*).
Veterinary Record 160 (23) 805-806

PIG DISEASES AND CONDITIONS

Done S 2007

Strategies for the control of respiratory disease.
Thai Journal of Veterinary Medicine 37 (1) 11-24

Harwood DG; Palmer NMA; Wessels ME; Woodger NGA 2007

Suspected bracken poisoning in pigs (letter).
Veterinary Record 160 (26) 914-915

Reichel R; Wragg P 2007

Isolation of *Actinomyces hyovaginalis* from a lung lesion in a pig (letter).
Veterinary Record 160 (6) 203

PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME

Ait-Ali T; Wilson AD; Westcott DG; Clapperton M; Waterfall M; Mellencamp MA; Drew TW; Bishop SC; Archibald AL 2007

Innate immune responses to replication of porcine reproductive and respiratory syndrome virus in isolated swine alveolar macrophages.
Viral Immunology 20 (1) 105-118

POSTWEANING MULTISYSTEMIC WASTING SYNDROME

Grierson S; King DP; Tucker AW; Donadeu M; Mellencamp MA; Haverson K; Banks M; Bailey M 2007

Ontogeny of systemic cellular immunity in the neonatal pig: correlation with the development of post-weaning multisystemic wasting syndrome.
Veterinary Immunology and Immunopathology 119 (3-4) 254-268

Payne JH; Livesey CT; Jackson G 2007

High liver zinc concentrations associated with the use of oral zinc oxide administration in pigs: implications arising from a routine post-mortem examination.
Pig Journal (59) 125-130

POULTRY DISEASES AND CONDITIONS

Burch D; Young S; Watson E 2007

Treatment of histomonosis in turkeys with tiamulin (letter).
Veterinary Record 161 (25) 864

Parmar D; Davies R 2007
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