Papers published by VLA staff July – September 2006

Al-Momani W; Halablab MA; Abo-Shehada MN; Miles K; McAuliffe L; Nicholas RAJ 2006
  Isolation and molecular identification of small ruminant mycoplasmas in Jordan.
  Small Ruminant Research 65 (1-2) 106-112.

Banks M; Grierson S; Tucker D; Bailey M; Donadeau M; Sargent C; King D; Mellencamp M 2006
  Swine and circovirus
  Developments in Biologicals (126) 107-113.

Barlow AM; Couper D 2006
  Cutaneous teratoma in a wild roe deer (Capreolus capreolus) in the UK (letter).
  Veterinary Record 159 (7) 211-212.

Biacabe AG; Laplanche JL; Ryder S; Baron T 2006
  Distinct molecular phenotypes in bovine prion diseases.
  EMBO reports 5 (1) 110-114.

Botvinkin AD; Kuzmin IV; McElhinney LM; Johnson N; Fooks AR 2006
  The diversity of rabies virus in Russia demonstrated by anti-nucleocapsid monoclonal antibody
  application and limited gene sequencing.
  Developments in Biologicals (125) 79-90.

Brookes SM; Fooks AR 2006
  Occupational lyssavirus risks and post-vaccination monitoring.
  Developments in Biologicals (125) 165-173.

Brookes SM; Healy DM; Fooks AR 2006
  Ability of rabies vaccine strains to elicit cross-neutralising antibodies.
  Developments in Biologicals (125) 185-193.

Brown JK; McAleese SM; Thornton EM; Pated JA; Schock A; Macrae AI; Scott PR; Miller HRP;
  Collie DDS 2006
  Integrin-alpha-v-beta-6, a putative receptor for foot-and-mouth disease virus, is constitutively
  expressed in ruminant airways.
  Journal of Histochemistry and Cytochemistry 54 (7) 807-816.

Casalone C; Caramelli M; Crescio MI; Spencer YI; Simmons MM 2006
  BSE immunohistochemical patterns in the brainstem: a comparison between UK and Italian
  cases.
  Acta Neuropathologica 111 (5) 444-449.

Dalton HR; Thurairajah P; Fellows HJ; Hussaini SH; Mitchell J; Bendall R; Banks M; Ijaz S; Teo CG;
  Levine DF 2006
  Hepatitis E in rural England.
  Journal of Hepatology 44 (Suppl. 2) S171-S172.
David G  2006
Dictyocaulus species in red deer. Reply to letter from CG Mackintosh (letter).
Veterinary Record 159 (3) 92.

De las Heras M; Ortin A; Benito A; Summers C; Ferrer LM; Sharp JM  2006
In-situ demonstration of mitogen-activated protein kinase Erk 1/2 signalling pathway in contagious respiratory tumours of sheep and goats.
Journal of Comparative Pathology 135 (1) 1-10.

Edwards S  2006
OFFLU network on avian influenza.
Emerging Infectious Diseases 12 (8) 1287-1288.

Ellis MD; Davies S; McCandlish IAP; Monies R; Jahans K; Rua-Domenech R de la  2006
Mycobacterium bovis infection in a dog.
Veterinary Record 159 (2) 46-48.

Everest SJ; Thorne LT; Hawthorn JA; Jenkins R; Hammersley C; Ramsay AM; Hawkins SA; Venables L; Flynn L; Sayers R; Kilpatrick J; Sach A; Hope J; Jackman R  2006
No abnormal prion protein detected in the milk of cattle infected with the bovine spongiform encephalopathy agent.
Journal of General Virology 87 (8) 2433-2441.

Goodchild T; Clifton-Hadley R  2006
The fall and rise of bovine tuberculosis in Great Britain.

Gopal R; Goodchild A; Hewinson G; Rua-Domenech R de la; Clifton-Hadley R  2006
Introduction of bovine tuberculosis to north-east England by bought-in cattle.
Veterinary Record 159 (9) 265-271.

Hogarth PJ; Hewinson RG; Vordermeier HM  2006
Development of vaccines against bovine tuberculosis.
Journal of Pharmacy and Pharmacology  58 (6) 749-757.

Hopkins KL; Deheer-Graham A; Threlfall EJ; Batchelor MJ; Liebana E  2006
International Journal of Antimicrobial Agents 27 (6) 572-575.

Hopkins KL; Deheer-Graham A; Threlfall EJ; Karisik E; Batchelor MJ; Liebana E  2006
New plasmid-mediated AmpC beta-lactamase (CMY-21) in Escherichia coli isolated in the UK (letter).
International Journal of Antimicrobial Agents 28 (1) 79-82.

Huebschle OJB; Ayling RD; Godinho K; Lukhele O; Tjipura-Zaire G; Rowan TG; Nicholas RAJ  2006
Danofloxacin (Advocin) reduces the spread of contagious bovine pleuropneumonia to healthy in-contact cattle.
Research in Veterinary Science 81 (3) 304-309.
Jahans K; Worth D 2006
The laboratory diagnosis of bovine tuberculosis.
Government Veterinary Journal 16 (1) 53-57.

Jalava K; Jones JA; Goodchild T; Clifton-Hadley R; Mitchell A; Story A; Watson JM 2006
No increase in human cases of Mycobacterium bovis disease despite resurgence of infections in cattle in the United Kingdom.
Epidemiology and Infection (published online doi:10.1017/S0950268806006509).

Jarmin S; Manvell R; Gough RE; Laidlaw SM; Skinner MA 2006
Avipoxvirus phylogenetics: identification of a PCR length polymorphism that discriminates between the two major clades.
Journal of General Virology 87 (8) 2191-2201.

Johnson N; McKimmie CS; Mansfield KL; Wakeley PR; Brookes SM; Fazakerley JK; Fooks AR 2006
Lyssavirus infection activates interferon gene expression in the brain.
Journal of General Virology 87 (9) 2663-2667.

Johnson N; Wakeley PR; Brookes SM; Fooks AR 2006
European bat lyssavirus type 2 RNA in Myotis daubentonii.
Emerging Infectious Diseases 12 (7) 1142-1144.

Kemp R 2006
Causes of abortion are many and varied (letter).
Dairy Farmer 53 (8) 18.

Kinne J; Johnson B; Jahans KL; Smith NH; Ul-Haq A; Wernery U 2006
Camel tuberculosis - a case report.
Tropical Animal Health and Production 38 (3) 207-213.

Kosmider R; Kelly L; Evans S; Gettinby G 2006
A statistical system for detecting salmonella outbreaks in British livestock.
Epidemiology and Infection 134 (5) 952-960.

Kosmider RD; Kelly L; Laurenson K; Coleman P; Fooks AR; Woolhouse M; Wooldridge M 2006
Risk assessments to inform policy decisions regarding importation of pets from North America.
Veterinary Record 158 (20) 694-695.

Laven RA; Livesey CT; Harmon RJ; Scaletti R 2006
Factors affecting the relationship between caeruloplasmin activity and plasma copper concentration in cattle (letter).
Veterinary Record 159 (8) 250-251.

Marriott L; Willoughby K; Chianini F; Dagleish MP; Scholes S; Robinson AC; Gould EA; Nettleton PF 2006
Detection of Louping ill virus in clinical specimens from mammals and birds using TaqMan RT-PCR.
Martinez-Urtaza J; Echeita A; Liebana E 2006
Phenotypic and genotypic characterization of Salmonella enterica serotype Paratyphi B isolates from environmental and human sources in Galicia, Spain.
Journal of Food Protection 69 (6) 1280-1285.

McElhinney LM; Marston D; Johnson N; Black C; Matouch O; Lalosevic D; Stankov S; Must K; Smreczak M; Zmudzinski JF; Botvinkin A; Aylan O; Vanek E; Cliquet F; Muller T; Fooks AR 2006
Molecular epidemiology of rabies viruses in Europe.
Developments in Biologicals (125) 17-28.

McIntyre KM; Gubbins S; Sivam SK; Baylis M 2006
Flock-level risk factors for scrapie in Great Britain: analysis of a 2002 anonymous postal survey.

Meri T; Cutler SJ; Blom AM; Meri S; Jokiranta TS 2006
Relapsing fever spirochetes Borrelia recurrentis and B. duttonii acquire complement regulators C4b-binding protein and factor H.
Infection and Immunity 74 (7) 4157-4163.

Millar M; Collyer J; Aggett D 2006
Outbreaks of postparturient haemoglobinuria in dairy herds (letter).
Veterinary Record 159 (2) 59.

Milnes AS; Pritchard GC; Sprigings K; Futter R; Willshaw GA 2006
Verocytotoxin-producing E coli O26 infection in calves (letter).
Veterinary Record 159 (5) 159.

Mitchell A 2006
Bovine TB: modelling and predicting its distribution in GB using CTS data.
Government Veterinary Journal 16 (1) 46-52.

Monies RJ 2006
Tuberculous pneumonia and BVD in housed calves.
Government Veterinary Journal 16 (1) 81-86.

Mustafa AS; Skeiky YA; Al-Attiyah R; Alderson MR; Hewinson RG; Vordermeier HM 2006
Immunogenicity of Mycobacterium tuberculosis antigens in Mycobacterium bovis BCG-vaccinated and M. bovis-infected cattle.
Infection and Immunity 74 (8) 4566-4572.

Otter A; Livesey C; Hogg R; Sharpe R; Gray D 2006
Risk of botulism in cattle and sheep arising from contact with broiler litter (letter).
Veterinary Record 159 (6) 186-187.

Pearson JE; Edwards S 2006
Transportation of reagents, reference materials and samples: the international perspective.
Developments in Biologicals (126) 61-70.
Piening N; Nonno R; Di Bari M; Walter S; Windl O; Agrimi U; Kretzschmar HA; Bertsch U 2006
Conversion efficiency of bank vole prion protein in vitro is determined by residues 155 and 170,
but does not correlate with the high susceptibility of bank voles to sheep scrapie in vivo.
Journal of Biological Chemistry 281 (14) 9373-9384.

Pritchard G; Scholes S; Millar M; Foster A 2006
"Kangaroo gait" in ewes (letter).
Veterinary Record 159 (3) 91-92.

Rua-Domenech R de la; Goodchild AT; Vordermeier HM; Hewinson RG; Christiansen KH;
Clifton-Hadley RS 2006
Ante mortem diagnosis of tuberculosis in cattle: a review of the tuberculin tests, gamma-interferon
assay and other ancilliary diagnostic techniques.
Research in Veterinary Science 81 (2) 190-210.

Rua-Domenech R de la; Goodchild T; Vordermeier M; Clifton-Hadley R 2006
Ante mortem diagnosis of bovine tuberculosis: the significance of unconfirmed test reactors.
Government Veterinary Journal 16 (1) 65-71.

Sawyer J; Wakeley P; West D; Fearnley C; Anderson S; Flowers M; Webster K; Errington J;
Williams R 2006
Practical experiences of moving molecular diagnostics into routine use at the Veterinary
Laboratories Agency.
Developments in Biologicals (126) 89-97.

Sharpe RT; Livesey CT 2006
Lead poisoning in cattle and its implications for food safety.
Veterinary Record 159 (3) 71-74.

Simpson VR; Birtles RJ; Bown KJ; Panciera RJ; Butler H; Davison N 2006
Hepatozoon species infection in wild red squirrels (Sciurus vulgaris) on the Isle of Wight.
Veterinary Record 159 (7) 202-205.

Siso S; Gonzalez L; Jeffery M; Martin S; Chianini F; Steele P 2006
Prion protein in kidneys of scrapie-infected sheep (letter).
Veterinary Record 159 (10) 327-328.

Smith GC; Brookes SM; Harris SL; Aegerter JN; Jones G; Fooks AR 2006
EBLV-2 prevalence in the United Kingdom as determined by surveillance testing.
Developments in Biologicals (125) 265-271.

Smith GC; Fooks AR 2006
Wildlife rabies control policy in Great Britain.
Developments in Biologicals (125) 113-116.

Taylor C; Jahans K; Palmer S; Okker M; Brown J; Steer K 2006
Mycobacterium microti isolated from two pigs (letter).
Veterinary Record 159 (2) 59-60.
Tolari F; Del Chiaro L; Card R; Mazzei M; Bandecchi P; Banks M 2006
Phylogenic study of viral isolates of swine and human hepatitis E virus.
Veterinary Research Communications 30 (Suppl. 1) 273-276.

Tongue SC; Pfeiffer DU; Wilesmith JW 2006
Descriptive spatial analysis of scrapie-affected flocks in Great Britain between January 1993 and December 2002.
Veterinary Record 159 (6) 165-170.

Vine N; Fayers J; Harwood D 2006
Bacillary haemoglobinuria in dairy cows (letter).
Veterinary Record 159 (5) 160.

Vitale F; Reale S; Caracappa S; Barera A; La Manna MP; Macaluso P; Caccamo N; Dieli F; Vordermeier HM; Sireci G; Salerno A 2006
ESAT-6 peptide recognition by bovine CD8+ lymphocytes of naturally infected cows in herds from southern Italy.
Clinical and Vaccine Immunology 13 (4) 530-533.

Vordermeier M; Whelan A; Ewer K; Goodchild T; Clifton-Hadley R; Williams J; Hewinson RG 2006
The BOVIGAM assay as ancillary test to the tuberculin skin test.
Government Veterinary Journal 16 (1) 72-80.

Wakeley PR; Johnson N; McElhinney LM; Marston D; Sawyer J; Fooks AR 2006
Development of a real-time differential RT-PCR TaqMan assay for lyssavirus genotypes 1, 5 and 6.
Developments in Biologicals (126) 227-236.

Wales A; Breslin M; Davies R 2006
Assessment of cleaning and disinfection in salmonella-contaminated poultry layer houses using qualitative and semi-quantitative culture techniques.
Veterinary Microbiology 116 (4) 283-293.

Wales A; Breslin M; Davies R 2006
Semiquantitative assessment of the distribution of salmonella in the environment of caged layer flocks.
Journal of Applied Microbiology 101 (2) 309-318.

Waters WR; Palmer MV; Thacker TC; Bannantine JP; Vordermeier HM; Hewinson RG; Greenwald R; Esfandiari J; McNair J; Pollock JM; Andersen P; Lyashchenko KP 2006
Early antibody responses to experimental Mycobacterium bovis infection of cattle.
Clinical and Vaccine Immunology 13 (6) 648-654.

Webber M; Buckley AM; Randall LP; Woodward M; Piddock LJV 2006
Overexpression of marA, soxS and acrB in veterinary isolates of Salmonella enterica rarely correlates with cyclohexane tolerance.
Winder CL; Gordon SV; Dale J; Hewinson RG; Goodacre R 2006
Metabolic fingerprints of Mycobacterium bovis cluster with molecular type: implications for
genotype-phenotype links.
Microbiology 152 (9) 2757-2765.

Wright P; Edwards S; Diallo A; Jacobson R 2006
Development of a framework for international certification by OIE of diagnostic tests validated as
fit for purpose.
Developments in Biologicals (126) 43-51.

Zarnke RL; Saliki JT; Macmillan AP; Brew SD; Dawson CE; Ver Hoef JM; Frost KJ; Small RJ 2006
Serologic survey for brucella spp., phocid herpesvirus-1, phocid herpesvirus-2, and phocine
Journal of Wildlife Diseases 42 (2) 290-300.