APHA Staff Publications

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Bacterial diseases and food safety

Treacy J; Jenkins C; Paranthaman K; Jorgensen F; MUELLER-DOBLIES D; ANJUM M; Kaindama L; Hartman H; KIRCHNER M; CARSON T; Kar-Purkayastha I 2019
Outbreak of shiga toxin-producing Escherichia coli O157:H7 linked to raw drinking milk resolved by rapid application of advanced pathogen characterisation methods, England, August to October 2017.
Eurosurveillance 24 (16) Article ID: 1800191.

Bovine tuberculosis

Fielding HR; McKinley TJ; Silk MJ; DELAHAY RJ; McDonald RA 2019
Contact chains of cattle farms in Great Britain.
Royal Society Open Science 6 (2) 180719.

WILLIAMS GA; Koenen ME; Havenaar R; WHEELER P; GOWTAGE S; LESELLIER S; CHAMBERS MA 2019
Survival of Mycobacterium bovis BCG oral vaccine during transit through a dynamic in vitro model simulating the upper gastrointestinal tract of badgers.

WILSON L 2019
An overview of TB in goats: risks to public health from the spread of Mycobacterium bovis in unpasteurised goats’ milk.
Goat Veterinary Society Journal 35, 8-16.
R11063
Impact factor: Not applicable

Transmissible spongiform encephalopathy

GAVIN C; Henderson D; Benestad SL; SIMMONS M; ADKIN A 2019
Estimating the amount of Chronic Wasting Disease infectivity passing through abattoirs and field slaughter.
Preventive Veterinary Medicine 166, 28-38.

Miscellaneous

APHA 2019
Disease surveillance in England and Wales, March 2019.
Veterinary Record 184 (14) 431-435.

BEALES P 2019
Basic principles of plant disease.
In: Plant Diseases and Biosecurity; BEALES P (ed); Elphinstone j (ed); Fox A (ed); Lane C (ed); MCCANN D (ed); Little J (ed); Fullick A (ed), pgs. 1-22.
BEALES P 2019
Fungi and fungus-like organisms.
In: Plant Diseases and Biosecurity; BEALES P (ed); Elphinstone j (ed); Fox A (ed);
Lane C (ed); MCCANN D (ed); Little J (ed); Fullick A (ed), pgs. 23-51.

BEALES P (ED); Elphinstone J (ed); Fox A (ed); Lane C (ed); MCCANN D (ED);
Little J (ed); Fullick A (ed) 2019
[Book] Plant diseases and biosecurity.

GARCIA R 2019
Preventive healthcare plans under animal activity licences (letter).
Veterinary Record 184 (16) 506-507.

HATELEY G; Mason C; Henderson K; Fagan S; Millar M; NEALE S; McInerney B 2019
Severe summer scour syndrome in recently turned out dairy calves (letter).
Veterinary Record 183 (9) 416-417.

Kamaludeen J; Graham-Brown J; STEPHENS N; Miller J; Howell A; Beesley NJ; Hodgkinson J;
Learmount J; Williams D 2019
Lack of efficacy of triclabendazole against Fasciola hepatica is present on sheep farms in three
regions of England, and Wales.
Veterinary Record 184 (16) 502.

Longhurst PH; Tompkins D; Pollard SJT; Hough RL; Chambers B; GALE P; Tyrrel S; Villa R;
Taylor M; Wu S; Sakrabani R; Litterick A; SNARY E; Leinster P; Sweet N 2019
Risk assessments for quality-assured, source-segregated composts and anaerobic digestates for
a circular bioeconomy in the UK.
Environment International 127, 253-266.

MCCANN D 2019
Surveillance: traditional and emerging techniques used by plant health regulators.
In: Plant Diseases and Biosecurity; BEALES P (ed); Elphinstone j (ed); Fox A (ed);
Lane C (ed); MCCANN D (ed); Little J (ed); Fullick A (ed), pgs. 120-144.

PAYNE JH 2019
Is it a feed related poisoning - standstill and think. A field approach to suspect
poisoning in goats.

WELCHMAN D; BRZOZOWSKA A 2019
Health issues in breeding gamebirds.
Veterinary Record 184 (14) 435-436.

Virology

EVERETT HE; Aramouni M; COWARD V; RAMSAY A; KELLY M; Morgan S; Tchilian E; Canini L;
Woolhouse MEJ; Gilbert S; Charlestone B; BROWN IH; BROOKES SM 2019
Vaccine-mediated protection of pigs against infection with pandemic H1N1 2009
swine influenza A virus requires a close antigenic match between the vaccine
antigen and challenge virus.
Vaccine 37 (17) 2288-2293.
Hansford KM; Carter D; Gillingham EL; HERNANDEZ-TRIANA LM; Chamberlain J; Cull B; McGinley L; PHIPP LP; Medlock JM 2019
Hyalomma rufipes on an untraveled horse: Is this the first evidence of Hyalomma nymphs successfully moulting in the United Kingdom?
Ticks and Tick-borne Diseases 10, 704-708.

JAMES J; SLOMKA MJ; THOMAS SS; MAHMOOD S; BYRNE AMP; COOPER J; RUSSELL C; MOLLETT BC; AGYEMAN-DUA E; ESSEN S; BROWN IH; BROOKES SM 2019
Avian Diseases 63 (sp 1) 209-218.

Murphy EG; Williams NJ; Bennett M; JENNINGS D; Chantrey J; MCELHINNEY LM 2019
Detection of Seoul virus in wild brown rats (Rattus norvegicus) from pig farms in Northern England.
Veterinary Record 184 (17) 525.

Parida S; Selvaraj M; Gubbins S; Pope R; BANYARD A; Mahapatra M 2019
Quantifying levels of peste des petits ruminants (PPR) virus in excretions from experimentally infected goats and its Importance for nascent PPR eradication programme.
Viruses 11 (3) 249.

REID SM; NUNEZ A; SEEKING AH; THOMAS SS; SLOMKA MJ; MAHMOOD S; CLARK JR; BANKS J; BROOKES SM; BROWN IH 2019
Two single incursions of H7N7 and H5N1 low pathogenicity avian influenza in U.K. broiler breeders during 2015 and 2016.
Avian Diseases 63 (sp 1) 181-192.

Shuttleworth CM; EVEREST DJ; Halliwell EC; Hulme B; Wilberforce L; Clews-Roberts R 2019
Detecting viral infection in red squirrels (letter).
Veterinary Record 184 (16) 507.

SLOMKA MJ; PURANIK A; MAHMOOD S; THOMAS SS; SEEKINGS AH; BYRNE AMP; NUNEZ A; BIANCO C; MOLLETT BC; WATSON S; BROWN IH; BROOKES SM 2019
Ducks are susceptible to infection with a range of doses of H5N8 highly pathogenic avian influenza virus (2016, clade 2.3.4.4b) and are largely resistant to virus-specific mortality, but efficiently transmit infection to contact turkeys.
Avian Diseases 63 (sp 1) 172-180.

Taylor E; BANYARD AC; Bourhy H; Cliquet F; Ertl H; Fehlner-Gardiner C; Horton DL; Mani RS; Muller T; Rupprecht CE; Schnell MJ; Del Rio Vilas V; FOOKS AR 2019
Avoiding preventable deaths: the scourge of counterfeit rabies vaccines.
Vaccine 37 (17) 2285-2287.

Wildlife

APHA 2019
Wildlife disease surveillance.
Veterinary Times 49 (13) 14.
Cunningham AA; SMITH F; McKinley TJ; Perkins M; Fitzpatrick LD; Wright ON; Lawson B 2019
Apparent absence of Batrachochytrium salamandrivorans in wild urodeles in the United Kingdom.
*Scientific Reports 9, Article number: 2831.*

HOLMES JP; DUFF JP; BARLOW A; EVEREST D; MAN C; SMITH F; TWOMEY F 2019
20 years of national wildlife disease surveillance.
*Veterinary Record 183 (17) 520-521.*

Marjamaki PH; Dugdale HL; Dawson DA; McDonald RA; DELAHAY R; Burke T; Wilson AJ 2019
Individual variation and the source-sink group dynamics of extra-group paternity in a social mammal.
*Behavioral Ecology 30 (2) 301-312.*