

Curriculum Vitae

Name: Dr Susan Catherine Cork

Qualifications: B.Phil (vet); BVSc; PhD (Massey University, NZ);
PG Diploma Public Policy (Victoria University, NZ)

Affiliations: MRSB, CBiol. MRCVS

Dr Susan Catherine Cork
Professor, Department of Ecosystem & Public Health
Faculty of Veterinary Medicine (UCVM), University of Calgary
3280 Hospital Drive, Calgary, Alberta, T2N 4Z6
Tel: Canada (403) 540-2026, email sccork@ucalgary.ca

Summary of employment history

Current: Founding Head, & Professor, Department of Ecosystem & Public Health, Faculty of Veterinary Medicine (UCVM), University of Calgary (from September 2008, re-elected in 2013 for second five year term, 2014-2019) <https://vet.ucalgary.ca/contact-us/faculty-members/full-time/susan-cork>

Sabbatical Research: National Centre for Animal Health, Department of Livestock, Ministry of Agriculture, Royal Government of Bhutan (July 2014-December 2014) – Review of veterinary laboratory services and assessment of the One Health approach to disease prevention and control in rural Bhutan. <http://www.ncah.gov.bt/>

Previous employment:

Team Manager, Virology, Animal Health Laboratory, Investigation and Diagnostic Centre, Biosecurity New Zealand, Ministry of Agriculture and Forestry, Wallaceville, New Zealand (May, 2006-September, 2008)
<http://www.biosecurity.govt.nz/pests/animals/ahl>

Senior Science Advisor, Strategic Science Team, Policy and Risk Directorate, Biosecurity New Zealand, Ministry of Agriculture and Forestry, Wellington, New Zealand (February, 2005 - May, 2006)

Senior Advisor Risk Analysis, Animal Biosecurity Team, Policy and Risk Directorate, Biosecurity New Zealand, Ministry of Agriculture and Forestry, Wellington, New Zealand (May, 2003 – April, 2005)
<http://www.biosecurity.govt.nz/regs/imports/ihs/risk>

Home Office Inspector, Animals Scientific Procedures Inspectorate (ASPI),
Community Policy Directorate, Home Office, British Government (based in
Dundee, Scotland & liaison with offices in Cambridge, Shrewsbury, Swindon
& London, England) (April 2002- May 2003)
<https://www.gov.uk/government/organisations/home-office>

Horizon Lecturer in Sustainable Livestock Production Institute of Rural
Studies, University of Wales, Aberystwyth, Ceredigion, Wales, (March 2000
– April 2002). <http://www.aber.ac.uk/en/ibers/>

Senior lecturer in Animal Health, Harper Adams University College, Newport,
Shropshire, (1998- 2000). <http://www.harper-adams.ac.uk/>

Consultant, Veterinary Clinical Trial Investigator Pfizer Animal Health Ltd,
Sandwich, Kent, England (Based in Edinburgh to cover projects in Scotland
and Northern England) senior investigator. (June 1997- February 1998).

Veterinary Locum (February 1997 - June 1997) Edinburgh/Dundee

Veterinary Laboratory Manager & Livestock Extension Advisor (Animal
Health) Crop & Livestock Services Division, Ministry of Agriculture, Royal
Government of Bhutan under the auspices of the EU Strengthening
Veterinary Services Program (June 1995- February 1997)

Veterinary Locum (January 1995- June 1995) London
Travel (Trans Asia & Middle East, Kathmandu-London) August 1994-
December 1995) see article Cork, S.C (1995). The politics of plague.
Vetscript. June/July issue

PhD Candidate/Wildlife Health Advisor
New Zealand Department of Conservation (DoC) /Massey University,
Palmerston North, New Zealand (June 1990- July 1994)
<http://www.massey.ac.nz/massey/learning/colleges/college-of-sciences/>

Travel (Trans Africa, Harare-Senegal) November 1989- May 1990
Veterinary Clinical Practice (UK) 1987-1990 Bradford/Swindon

Veterinary Manager, Society for the Protection of Animals (SPCA), Suva, Fiji
1987: See articles Cork, S.C (1989) Veterinary pursuits in Fiji, New Zealand
Veterinary Journal, August issue & Cork, S.C (1994) Fiji revisited. Vetscript.
P4-5, May issue

Academic Qualifications

Post Graduate Diploma in Public Policy: 2004-2007, Part time study,
Victoria University, School of Government, Wellington, New Zealand.

Papers in Public Health, Policy, Economics, Political Science, Strategic
Management & Policy Analysis.

PhD (Veterinary Science): 1991-1994 Department of Veterinary Pathology
and Public Health, Faculty of Veterinary Science, Massey University,
Palmerston North, New Zealand

Thesis: Cork, S.C (1994) *Yersinia pseudotuberculosis*, iron and disease in birds. Published in a series of five papers (see refereed publications, copies available on request)

B.V.Sc: Degree in Veterinary Science: 1981 - 1986, Faculty of Veterinary Science, Massey University, Palmerston North, New Zealand

B.Phil (Vet) in Veterinary Anatomy: 1983-1984, Department of Physiology and Anatomy, Faculty of Veterinary Science, Massey University, Palmerston North, New Zealand

Thesis: Cork, S.C (1985) A study of locomotion in farmed red deer (*Cervus elaphus*) in New Zealand. Published in part as Cork, S.C., Davies, A.S (1986) See how they run: recent observations on farmed red deer. **Deer Farmer**. 8-9. Additional projects on Avian Anatomy (Kakapo, Kea and Kaka, see research papers)

Research Grants & Awards

AWARDED

2019: **Public Health Agency of Canada: Emerging Diseases & Climate Change Fund** (Lead, Erin Frazer, BC CDC) for work on ticks and tick borne diseases: Cork, S.C., Couloigner, I., Checkley, S (UofC) working with the British Columbia Centre for Disease Control (CDC), Centre for Coastal Health, BC (Ribble, C), CFIA (Hutcheson, J) and other collaborators
\$250,000 *UofC Focus on vector modeling and risk assessment.*

2018: **One Health Fellowship Program for One Health Trainees**, Internal Competition, Faculty of Veterinary Medicine (\$40,000) – Funding awarded over 2 years. *Risk Assessment, Vector borne diseases and Climate Change* (working with Alberta Agriculture, BC CDC, CFIA, PHAC, Alberta Health Services, Centre for Coastal Health and the University of Medical Sciences of Bhutan/Royal Government of Bhutan –Dr Sithar Dorjee) – Graduate student: Dr Namgyal Jamyang (Bhutan)

2016: **Margaret Gunn Endowment for Animal Research**, MGEAR, University of Calgary: Disease modeling tools to identify risk profiles for vector-borne diseases of livestock in Alberta: Massolo, A., Berger, K., Cork, S.C. (\$51,000) – Funding awarded over two years (Research Associate, Dr Isabelle Couloigner)

2014: **Alberta Livestock and Meat Association** (ALMA) \$750,000 (linked to AIES grant \$455,000) Assessing Water Quality, Microbial Risks and Waterborne Pathogens in Rural Alberta using a One Health; Checkley, S., Hall, D.C., and others. Multi-agency research project engaging UofC, PHAC, CFIA, Alberta Health Services and Provlab.

2014: **CRVE-net/Canadian Food Inspection Agency** (\$27,000) Course development – Hall, D.C., Massolo, A & Cork, S.C. Review of 'One Health'

multi-institutional course delivery platforms and development of new course modules in risk assessment and animal health policy

2013: **University of Calgary** (\$100,000) Postdoctoral Fellowship grant: Ecology of *Culicoides* sp. midges and study of disease dynamics EHD/BTV in North America. Cork, S., Berger, K & Massolo, A: This internal award supported an interdisciplinary collaborative project with the Canadian Food Inspection Agency, Agriculture-Agri Food Canada, the USDA and NASA.

2012 - 2013: **Alberta Agriculture & Rural Development** (Alberta Provincial Government , \$125,000 from Canada's growing forward program) Cork,S.C, Sanson, R., Morley, C., Frederickson, R: Development of foot & mouth disease traceability tools in Alberta & Disease modelling workshop: *This project received the Minister's Gold award for team work and collaboration between industry, academia and government (Nov. 2013).*

2012: **Alberta Agriculture & Rural Development** (\$11,000) Development and application of foot & mouth disease GIS and modelling tools (subcontract) Cork,S.C., Sanson, R., Morley, C., Frederickson, R.

2012: **Alberta Agriculture & Rural Development** (\$9,000) Veterinary Surveillance Network review (subcontract) Cork,S.C., Sanson, R., Morley, C., Frederickson, R.

2009-2012: **Sea World & Busch Gardens** (\$45,000) for work on *Mycobacterium tuberculosis* in elephants in Southern India (epidemiological studies and risk assessment) –Abraham, D., Cork, S.C. See reports and publication list.

2007: **Ministry of Agriculture & Forestry (MAF) Operational Research Fund:** New Zealand MAF Animal Health Laboratory (Virology) Development of Capability for the detection of specific antibody to avian influenza using immunoblotting (NZ \$120,000 over 2 years) Stanislawek, W., Cork, S.C. Orr, D.

2006: **MAF Operational Research Fund:** New Zealand: MAF Animal Health Laboratory (Virology) Development of Capability for West Nile Virus (NZ \$140,000 over 2 years) Cork, S.C., Mackereth, G.

2006: **MAF Operational Research Fund:** New Zealand MAF Animal Health Laboratory (Virology) Development of Capability for Herpes Viruses in Aquatic Molluscs/Aquabirnaviruses in Flat Fish/King Fish (NZ \$160,000 over 2 years) Cork, S.C., McDonald, W.

1999 **British Ecological Society Small scale initiatives award** (Old world song birds project: Parasitology (UK 6,000 for travel & field/laboratory consumables) Cork, S.C

Undergraduate/Graduate awards

1983-1984 **Phyllis Irene Grey Fellowship** (awarded for undergraduate studies on cervine locomotion and the anatomy of native parrots) \$1,000

1985 **NRM prize in poultry pathology** (awarded to the fourth year veterinary

student gaining the highest grade in poultry pathology and medicine) \$500

1991-1994 **Vice chancellors PhD scholarship** (awarded to New Zealand PhD candidates on the basis of academic merit) \$9,500

1991-1993 **Muriel Caddie Scholarship** (awarded to veterinary post-graduate students for personal support during post-graduate study based on academic performance) \$4,000

1991-1994 **Phyllis Irene Grey Fellowship** (awarded for three years for travel expenses associated with fieldwork for PhD studies associated with wild life disease surveillance). \$3,000

1992-1993 **Graduate Research fund** awarded for Image analysis and biochemical tests associated with research on the effect of iron on the pathogenesis of pseudotuberculosis in birds. \$1,500

Training and professional development (post PhD)

Continuing Education (Leadership and management)

Centre for Higher Education Research & Development (CHERD) University of Manitoba, Communications workshop (April –May 2010 distance learning) Certificate of completion awarded. <http://umanitoba.ca/cherd/>

CHERD, University of Manitoba, - Academic Leaders program (Toronto, 20-24th November 2010) Certificate of completion awarded.

Investing in Leaders Initiative, Management training program. Myers Briggs Assessment INTJ (two-day workshop). August 2008. Porirua, Biosecurity New Zealand, Ministry of Agriculture, New Zealand.

Strategic Planning Training Course (2 day workshop), April/May 2008, Marriot Hotel, Wellington, Biosecurity New Zealand, Ministry of Agriculture, New Zealand.

Advanced Dynamics Leadership Program (five-day retreat for Leadership). November 2006. Biosecurity New Zealand, Ministry of Agriculture, New Zealand.

Project Management Training, Project Blue Print (two-day workshop), August 2006. Pastoral House, Wellington, Biosecurity New Zealand, Ministry of Agriculture, New Zealand.

Management training. Applying SMARTER Strategies to improve outcome planning. British Home Office. Grenadier House, Horseferry road (August 2002) London, England, United Kingdom.

Institute of Teaching and Learning Workshop (2001), University of Wales, Aberystwyth, Wales, United Kingdom. Associated with development of portfolio to join the Institute. Represents the promotion of excellence in teaching. Membership gained 2002.

Formal university courses taught and/or developed

University of Calgary (2008- current)

Undergraduate (DVM)

VTM462 Foreign Animal Diseases (block week course)
VTM 440 Public Health & Risk Assessment (full semester course)
VTM 451 Area of Emphasis experience- Ecosystem & Public Health (EPH)
VTM 583 Final year electives in Ecosystem & Public Health (Wildlife Field Course(s), Wildlife Health Management, Centre for Coastal Health, Northern Rotation (Canada, First Nations), Tanzania International Rotation (Public Health and the Masai)

The two book chapters below summarize some of the material delivered in VTM440.

Cork, S.C. & Checkley, S (2010) Globalization of the food supply and the spread of disease (20 pp), Chapter 1, in Krause, D., Hendrick, S (Eds) Zoonotic Pathogens in the Food Chain, CABI, UK

Cork, S.C. (2010) Epidemiology of pathogens in the food supply (30 pp), Chapter 2, in Krause, D., Hendrick, S (Eds) Zoonotic Pathogens in the Food Chain, CABI, UK.

The 'One Health' and EPH Area of Emphasis courses are delivered as a series of case studies. Some of these form part of a new text book on One Health recently published by 5m publishing, Sheffield, UK..

Cork, S.C., Hall, D.C., Liljebjelke, K (2016) One Health Case Studies: Addressing Complex Problems in a Changing World (28 Chapters). ISBN 978-1-910455-55-5. <https://www.amazon.ca/One-Health-Case-Studies-Addressing/dp/1910455555>

Postgraduate directed studies courses developed & delivered (2010-2018)

VTM690 Animal Health Policy and Risk Assessment (Faculty of Veterinary Medicine) –Winter semester (course coordinator)
VTM690 Wildlife Health (Faculty of Veterinary Medicine) Course contributor
VTM690 Vector Borne Diseases and Risk assessment (Faculty of Veterinary Medicine) Winter semester (course coordinator)
MDSC61301 Epidemiology of Infectious Diseases (Faculty of Medicine).- 2013/2015/2018 Course contributor
AFNS/ PHS 416/516' One Health' Concepts and case studies (course co-taught by faculty at U of Calgary and U of Alberta) 2013-2017 Course contributor)

University of Wales, Aberystwyth (2000-2002)

Undergraduate –co- taught courses in Farm Animal Health, Animal Science and Sustainable Livestock Production

Harper Adams University College (1998-2000)

Undergraduate courses – Responsible for development and delivery of Animal Health modules for BAgSc & HND classes and a new degree in Animal Health (farm animal health & management, parasitology, bacteriology, pharmacology and anatomy & physiology)

CPD courses for professionals

One Health, Risk Assessment & Rabies Prevention National Centre for Animal Health, Thimphu, Bhutan) – April 2017 Workshop developed as part of UofC-NCAH collaboration on rabies risk assessment and disease prevention options in cattle.

One Health Workshop- Massey University (Thimphu, Bhutan)-October 2014 presented session on International Developments in One Health. Informal tutor for one student from Bhutan studying in the Massey program (focus on zoonotic wildlife diseases)

Co-taught Microbiology courses for meat inspectors and parasitology courses for drug industry representatives (Harper Adams University College, 1998-2000)

Recent graduate students and trainees supervised

Jamyang Namgyal VET MED (MSc) Modelling ticks and tick borne diseases in Cattle in Bhutan (2018-2020) – Regional Veterinary Officer, Trashigang, Eastern Bhutan.

Field work in Bhutan underway, project outline presented at Research Day, Faculty of Veterinary Medicine (poster), February 2019

Sangay Rinchen VET MED (MSc) Policy options for the prevention of rabies in cattle in Bhutan (2016-2018) – Regional Veterinary Officer, Chukka District, Bhutan

Preliminary research findings presented at the One Health Symposium in Melbourne, Australia (December 2016) and in Buenos Aires (March, 2018) Successfully defended MSc thesis in March 2018. Publications in Preparation.

Sangay Rinchen, Tenzin Tenzin; David Hall; Frank van der Meer; Basant Sharma; Kinzang Dukpa; **Susan Cork** (2019) A community-based Knowledge, Attitude, and Practice survey on rabies among cattle owners in selected areas of Bhutan. PLOS Neglected Tropical Diseases. April. <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0007305>

Anna Zuliani VET MED (MSc) Defended and Graduated August 2013
(recently completed veterinary internship at ESFA, Italy, now started a PhD
at Udine University, Italy)

Thesis Topic: The distribution of *Culicoides sonorensis* in Alberta and
Montana under current and future climate scenarios

Zuliani, A., Massolo, A., Lysyk, T., Johnson, G., Marshall, S., Berger, K., **Cork, S.C** (2014) Modelling the northward expansion of *Culicoides sonorensis* (Diptera Ceratopogonidae) under future climate scenarios. Plos One 10 (8)
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0130294>

Zuliani, A., Lysyk, T.J., Johnson, G.D., Massolo, A., Marshall, S., and **Cork, S.C** (2013). Effects of climate change on the distribution of bluetongue and epizootic hemorrhagic disease vector in Southern Alberta (Canada) and Montana (USA). International Meeting of Emerging Diseases and Surveillance (IMED), Vienna, 2013 February, Published abstract, Refereed.

Zuliani, A., Lysyk, T.J., Johnson, G., Massolo, A., Waeckerlin, R., Cully, A.S., **Cork, S.C** (2012) Working towards a risk-based surveillance system for *Culicoides*-borne diseases in Southern Alberta (Canada) and Montana (U.S.A.). International Society for Veterinary Epidemiology & Economics (ISVEE), Maastricht, August 2012

Zuliani, A., Massolo, A., Lysyk, T., Johnson, G., Cully, A., Waeckerlin, R., **Cork, S.C** (2011) mapping the distribution of *Culicoides sonorensis* in Southern Alberta and Montana. Entomological Society of America. Reno, November 2011

Zuliani, A., Lysyk, T., Johnson, G., Waeckerlin, R., Massolo, A., **Cork, S.C** (2011) Abundance of *Culicoides sonorensis* (Diptera: Ceratopogonidae) in Southern Alberta (Canada) and Montana (U.S.A.). International Meeting on Emerging Diseases and Surveillance (IMED), Vienna, Austria, February 4th-7th, 2011

University Service & Administrative Roles

Founding Head and Chair – Department of Ecosystem & Public Health,
Faculty of Veterinary Medicine (2008-current)

Canadian Co-operative wildlife Health Centre (CCWHC) now Canadian
Wildlife Health Co-operative (CWHC)- Alberta node steering committee.
(2008- 2014) – currently an Associate Member of CWHC/ Acting Alberta
node CCWHC director (September 2011-2012)

Co-chair of Animal Disease Risk Assessment & Surveillance (ADRaS)– an
Alberta Agriculture and Rural Development- UCVM initiative – launched in
2012 (established by Susan Cork UCVM/Chris Morley AARD)

Advancing Canada's Waste Water Assets (ACWA) steering committee –
UCVM representative (2011-2014) Now delegated to Dr Tao Dong, CRC
chair in the molecular ecology of waterborne microbes.
<http://ucalgary.ca/acwa/>

Institute for Public Health (IPH) Executive Committee/Co-chair of weekly seminar steering committee – 2013 –2015 (Faculties of Medicine and Veterinary Medicine, Community Health Sciences/Alberta Health Services. Now delegated to Dr Sylvia Checkley who holds a joint appointment with UCVM and the Alberta Health Services. <https://obrieniph.ucalgary.ca/>

EXTERNAL COMMITTEE MEMBERSHIPS

National

Fore-CAN project – representing UCVM faculty Dean at National Foresight Strategy Meeting- Ottawa (January 14th-16th) and on-going as required over the 3 years of the project. 2009-2011

CVRE-Net (Canadian Veterinary Regulatory Epidemiology Network)-UCVM Faculty representative in CFIA-UPEI initiative (preliminary meeting February 2009 – current -on-going role on operational steering committee

International

World Organization for Animal Health (OIE) ad hoc expert committee on training competencies for veterinary paraprofessionals (2016 – 2019) OIE, Rue de Prony, Paris. <http://www.rr-africa.oie.int/docspdf/en/2018/NL-2018-05-OIE-Competency-Guidelines-Veterinary-Paraprofessionals.pdf>

OTHER SERVICE

Editorships and Editorial Boards

Editorial:

Lead Editor for **Cork, S.C.** & Halliwell, R (2019) The Veterinary Field and Laboratory Manual: A technical handbook for veterinary field staff and laboratory technicians in low to middle income countries. Third Edition. ISBN-978-1789180459

https://www.amazon.ca/Veterinary-Laboratory-Field-Manual-3rd/dp/1789180457/ref=dp_ob_title_bk

Lead Editor for Text Book: Case Studies in One Health (5 m Publishing) **Cork, S.C.**, Hall, D.C., Liljebjelke, K (2016) One Health Case Studies: Addressing Complex Problems in a Changing World. 5 m Publishing, UK. ISBN 978-1-910455-55-5. <https://www.amazon.ca/One-Health-Case-Studies-Addressing/dp/1910455555>

Review Editor for Frontiers in Veterinary Science.

Manuscripts Reviewed for the following Journals:

Avian Pathology

Canadian Journal of Public Health

Conservation Biology
Frontiers in Veterinary Science
International Journal of Environmental Research and Public Health
MDPI Pathogens
New Zealand Journal of Ecology
New Zealand Veterinary Journal
Public Veterinary Practice
Preventative Veterinary Medicine
Research in Veterinary Science
Transboundary & Emerging Diseases
Veterinary Record

Grant Review

Expert reviewer for the BiodivERsA2018: Expert Review - International joint call on "Biodiversity and its influence on animal, human and plant health" May, 2019. <https://ec.europa.eu/eip/agriculture/en/find-connect/funding-opportunities/joint-call-biodiversity-and-its-influence-animal>

Expert reviewer for the United Kingdom -Argentina AMR panel – Buenos Aires - CONICET-BBSRC AMR Peer review (Reviewed 9 collaborative international projects, 4 funded) March 24-26, 2019.
<https://bbsrc.ukri.org/funding/filter/2018-argentina-antimicrobial-resistance/>
<https://healthmedia.blog.gov.uk/2018/05/22/uk-argentina-join-forces-to-combat-amr/>

Nord Forsk Expert Panel- Climate Change Impacts on Primary Industries. Review of Research Call 2010- Meeting in Oslo 21st Jan. and follow up review for second call in September 2010.

Biosecurity New Zealand, MAF, Strategic Science Project Review Panel (2004-2006).

Foundation for Research, Science and Technology (FoRST), Ministry of Research, Science and Technology, Biosecurity Science Review Committee (2005-2006).

Organization of Conferences/Symposia

Local organizing committee for the RITA (Rabies in the Americas) conference successfully hosted by the University of Calgary in October 2017. <http://www.vet.ucalgary.ca/home/news-updates/one-health-approach-key-controlling-rabies>

Organizer – Biosecurity Workshop – December 2014 (2 days). National Centre for Animal Health, Serbithang, Thimphu, Bhutan

Organizer -Animal Disease & Risk Assessment Symposium (April 23rd 2014) – Alberta Agriculture and Rural Development (AARD) and UCVM

Organizer - December 2012 (4 days) Disease Modeling Symposium & Workshop, Calgary, Alberta Agriculture and Rural Development (AARD) and UCVM.

Organizing committee – Canadian Co-operative Wildlife Health Centre (CCWHC) Annual Meeting – February 2012

Current Society Memberships

Canadian Veterinary Medical Association, Member (2009 current)

Alberta Veterinary Medical Association (2009 - current)

Royal Society of Biology, London, England, Member MRSB, CBiol. (1999 - current)

International Society for Emerging Infectious Diseases (2003 - current)

O'Brien Institute for Public Health (IPH), Calgary, 2008-current

Royal College of Veterinary Surgeons, London, England, Member (1987 - current)

MENSA Canada/Mensa International

PUBLICATIONS AND OTHER RESEARCH CONTRIBUTIONS

Submitted papers

Wlodzimierz Leonard Stanislawek, Thomas Rawdon; **Susan Cork**; Richard Webby; Richrd Webster; Joseph O'Keefe; Maree Joyce; Mary Ann Tuboltsev; Jonathan Watts; Toni Tana; Adrian Riegen; Matthew McDougall; David Klee (2018) Ecology of avian influenza A(H5) and A(H7) viruses in wild birds in New Zealand. Submitted to Plos ONE PONE-D-18-27845

Published peer reviewed papers

Livio Galosi, Frine E. Scaglione, Gian Enrico Magi, **Susan C. Cork**, Michael A. Peirce, Stefano Ferraro, Laura Starvaggi Cucuzza, Francesca T. Cannizzo, and Giacomo Rossi "Fatal *Leucocytozoon* Infection in a Captive Grey-headed Parrot (*Poicephalus robustus suahelicus*)," *Journal of Avian Medicine and Surgery* 33(2), 179-183, (24 May 2019). <https://doi.org/10.1647/2018-353>

Karen L Tang, Niamh P Caffrey, Diego B Nóbrega, **Susan C Cork**, Paul E Ronksley, ; Herman W Barkema, ; Alicia J Polachek, Heather Ganshorn, Nishan Sharma, ; James D Kellner, Checkley, S. Ghali, W (2019) Examination of unintended consequences of antibiotic use restrictions in food-producing animals: Sub-analysis of a systematic review. *One Health ONEHLT_2019_21_R1* <https://doi.org/10.1016/j.onehlt.2019.100095>

Sangay Rinchen, Tenzin Tenzin; David Hall; Frank van der Meer; Basant Sharma; Kinzang Dukpa; **Susan Cork** (2019) A community-based Knowledge, Attitude, and Practice survey on rabies among cattle owners in selected areas of Bhutan. *PLOS Neglected Tropical Diseases*. April. <https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0007305>

Amarasinghe A, Papowich S, De Silva, U., Sarjoon Abdul-Calder, M., Marshall F, van der Meer F, **Cork SC**, Gomis S, Abdul-Careem MF (2018) Shell-Less Egg Syndrome (SES) Widespread in Western Canadian Layer Operations Is Linked to a Massachusetts (Mass) Type Infectious Bronchitis Virus (IBV) Isolate. *Viruses* 10, 437; doi: 10:3390/v10080437

Aruna Amarasinghe, Mohamed Sarjoon Abdul-Cader, Zahraa Almatrouk, Frank van der Meer, **Susan C Cork**, Susantha Gomis, Mohamed Faizal Abdul-Careem (2018) Induction of innate host responses characterized by production of interleukin (IL)-1 β and recruitment of macrophages to the respiratory tract of chickens following experimental infection with infectious bronchitis corona virus (IBV), *Veterinary Microbiology*. doi: 10.1016/j.vetmic.2018.01.001. *

Karen L Tang, Niamh P Caffrey, Diego B Nóbrega, **Susan C Cork**, Paul E Ronksley, ; Herman W Barkema, ; Alicia J Polachek, Heather Ganshorn, Nishan Sharma, ; James D Kellner, Ghali, W (2017) Title: Restriction in the use of antibiotics in food animals and antibiotic resistance in food animals and humans - a systematic review and meta-analysis. *Lancet: Interplanetary Health*, November 2017 [http://dx.doi.org/10.1016/http://www.thelancet.com/pdfs/journals/lanplh/PIIS2542-5196\(17\)30141-9.pdf](http://dx.doi.org/10.1016/http://www.thelancet.com/pdfs/journals/lanplh/PIIS2542-5196(17)30141-9.pdf)

Amarasinghe A, Abdul-Cader MS, Nazir S, De Silva Senapathi U, van der Meer F, **Cork SC**, Gomis S, Abdul-Careem MF. (2017). Infectious bronchitis corona virus establishes a productive infection in avian macrophages interfering with selected antimicrobial functions. *Plos-One*, 12(8): e018180110. *

Zuliani, A., Massolo, A., Lysyk, T., Johnson, G., Marshall, S., Berger, K., **Cork, S.C** (2015) Modelling the northward expansion of *Culicoides sonorensis* (Diptera Ceratopogonidae) under future climate scenarios Plos One, 10 (8) <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0130294>

Galosi, L., Farneti, S., Rossi, G., **Cork, S.C.**, Ferrero, S., Magi, G.E., Petrini, S., Valiani, A., Cuteri, V., Attili, A.R (2015) *Yersinia pseudotuberculosis*, serogroup O:1A, infection in two Amazon parrots (*Amazona aestiva* and *Amazona oratrix*) with high hepatic iron levels (Journal of Zoo and Wildlife Medicine 46 (3) 588- 591

Sanson, R., Dube, C., **Cork, S.**, Frederickson, R., Morley, C (2014) Simulation modelling of a hypothetical introduction of foot-and-mouth disease into Alberta, Preventive Veterinary Medicine, 114 (2014) 151–163

Kameka, A., Haddadi, S., Kim, S., **Cork, S.C.**, Abdul-Careem, F (2014) Induction of innate immune responses following infectious bronchitis corona virus infection in the respiratory tract of chickens Virology. 450-451; 114-121.

Rawdon, T.G., Tana, T., Thornton, R.N., McKenzie, J.S., Stanislawek, W.L., Kittelberger, R., Geale, D., Stevenson, M.A., Gerber, N., **Cork, S.C** (2010) Surveillance for avian influenza virus subtypes H5 and H7 in chickens and turkeys farmed commercially in New Zealand. New Zealand Veterinary Journal. 58(6), 292-298.

T Zheng, B Adlam, TG Rawdon, WL Stanislawek, **SC Cork**, V Hope, BM Buddle, K Grimwood, MG Baker, JS O'Keefe and QS Huang (2010) A Cross sectional survey of influenza A, and management practices in small scale backyard poultry flocks in two regions of New Zealand. New Zealand Veterinary Journal. 58(2), 74-80.

Langstaff, I., McKenzie, J.S., Stanislawek, W.L., Reed, C.E.M., Poland, R., **Cork, S.C** (2009) Surveillance for highly pathogenic influenza in migratory shorebirds at the terminus of the East Asian-Australasian Flyway. New Zealand Veterinary Journal. 57(3), 160-165.

McFadden AMJ, Rawdon TG, Bingham P, Mackereth GM, Stanislawek, WL, **Cork SC**, Clough R, King C (2007) Managing the risk of equine influenza in horses imported from Australia during the 2007 Australian epidemic. Surveillance. 34(4), 4 -8.

Cork, S.C., Geale, D., Thornton, R., Pharo, H (2006) Response Policy Options and Compartmentalisation for Avian Influenza Surveillance in New Zealand. Schudel, A., Lombard, M (Eds). OIE/FAO International Scientific Conference on Avian Influenza. Dev. Biol (Basel), Karger, vol 124. p228.

Cork, S.C (2005) Avian influenza: Characteristics of Influenza A viruses and possible effects for New Zealand, with particular reference to the H5N1 pandemic in Asia. Kokako 12(1), 1-8.

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