

Submission ID	Program	Topics	Format	Title	Presenter	Affiliation
49767	CRWAD 2019	Microbiology	Oral	Determining the role of Marek's disease virus UL13 protein kinase in horizontal transmission	KW Jarosinski	College of Veterinary Medicine, University of Illinois
49782	CRWAD 2019	Microbiology	Oral	Development of a novel class of anthelmintics that cure gastrointestinal nematode parasites	R Aroian	University of Massachusetts Medical School
49856	CRWAD 2019	Microbiology	Oral	Antibiotic-free alternatives to improve health and performance in commercial turkeys: genomic insights	TJ Johnson	University of Minnesota
49865	CRWAD 2019	Microbiology	Oral	Exploring evolutionary shifts from Salmonella Mbandaka to Lubbock serotypes in U.S. High Plains feedlot cattle.	G Levent	Department of Veterinary Pathobiology, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University
49886	CRWAD 2019	Microbiology	Oral	Factors associated with seroprevalence of Anaplasma marginale in Mississippi cattle	C Okafor	University of Tennessee
49910	CRWAD 2019	Microbiology	Oral	Modulating microbiota and metabolome to reduce Campylobacter jejuni colonization in chickens	AM Almansour	University of Arkansas
49931	CRWAD 2019	Microbiology	Oral	Discovery of TYR and DGA metabolic pathways and development of novel anti-nutritional strategy to impair TYR and DGA nutritional adaptation of Salmonella	R Konrad Burin	Washington State University
49936	CRWAD 2019	Microbiology	Oral	Cellular pioneer transcription factors regulate bovine herpesvirus 1 gene expression following stressful stimuli	C Jones	Oklahoma State University
49948	CRWAD 2019	Microbiology	Oral	Porcine dermatitis and nephropathy syndrome in Russia: a case-report	S Raev	Federal State Budget Scientific Institution Federal Scientific Centre VIEV
49988	CRWAD 2019	Microbiology	Oral	Development of In vivo procedure for mentoring of the respiratory tract pH of normal and influenza infected animals	FA Okda	National Research Center
49995	CRWAD 2019	Microbiology	Oral	Role of EHV-1 proteins for establishment of viremia and infection of CNS endothelia	W Azab	Institut für Virologie, Zentrum für Infektionsmedizin - Robert von Ostertag-Haus, Freie Universität Berlin
49998	CRWAD 2019	Microbiology	Oral	Biosurveillance of Schmallenberg disease in Azerbaijan in 2012-2017	SK Zeynalova	National Research Center
50071	CRWAD 2019	Microbiology	Oral	Genetic analysis and pathogenicity in mice and pigs of H1N2 influenza viruses isolated from Korean pigs in 2018	Y Jang	Chungnam National University
50128	CRWAD 2019	Microbiology	Oral	Comparative genomic analysis of Vibrio anguillarum isolated from infected Cyclopterus lumpus in Newfoundland.	I Vasquez	Memorial University of Newfoundland
50134	CRWAD 2019	Microbiology	Oral	Role of riboflavin synthase duplication in Aeromonas salmonicida pathogenesis in Cyclopterus lumpus	H Gnanagobal	Memorial University of Newfoundland
50135	CRWAD 2019	Microbiology	Oral	Identification of host proteins that interact with non-structural proteins-1 α and -1 β of prrsv-1	S Riccio	University of Liverpool
50153	CRWAD 2019	Microbiology	Oral	Repeatability of open reading frame 5 sequencing for PRRSV at different concentrations	N Streauslin	Department of Veterinary Microbiology and Preventative Medicine, Iowa State University
50160	CRWAD 2019	Microbiology	Oral	Phaeobacter inhibens protects oyster larvae against bacterial infection via four disparate mechanisms of action	DC Rowley	University of Rhode Island
50164	CRWAD 2019	Microbiology	Oral	Progress toward integrating the dynamics of gut and respiratory microbiota into poultry health	K Taylor	Food Animal Health Research Program, Department of Veterinary Preventative Medicine, The Ohio State University
50199	CRWAD 2019	Microbiology	Oral	Development of a bespoke PRRSV genomic toolkit	DC Schroeder	College of Veterinary Medicine, University of Minnesota
50262	CRWAD 2019	Microbiology	Oral	Genomic characterization of Salmonella Dublin recovered from cattle in Ohio	GG Habing	The Ohio State University
50278	CRWAD 2019	Microbiology	Oral	First isolation and in vivo characterization of porcine circovirus 3	J Mora-Diaz	Department of VDPAM, Iowa State University
50287	CRWAD 2019	Microbiology	Oral	Risk factors and occurrence of Brucella canis within selected provinces of South Africa.	J Oosthuizen	Department of Agriculture and Animal Health
50288	CRWAD 2019	Microbiology	Oral	16S Analysis of the Microbiome of Recycled Bedding Sand	H Pilch	University of Wisconsin-Madison
50309	CRWAD 2019	Microbiology	Oral	Localizing Equid Herpesvirus 1 in various neural and lymphatic tissues at 30 and 70 days post-infection	KS Giessler	Ludwig Maximilians University
50316	CRWAD 2019	Microbiology	Oral	Metagenomic MiniION-based sequencing of cultured RNA viruses	JB Stanton	Department of Pathology, University of Georgia
50347	CRWAD 2019	Microbiology	Oral	Towards novel acaricide development against cattle fever tick: GPCR target validation by RNAi and chemical leads	PV Pietrantonio	TAMU
50353	CRWAD 2019	Microbiology	Oral	Clinical trial to test efficacy of COWP in lowering GIN egg numbers in adult alpacas	MC Wright	University of Tennessee
50425	CRWAD 2019	Microbiology	Oral	Evolutionary diversification of clade 1A.3.3 H1 swine influenza A viruses and zoonotic risk in the United States	TK Anderson	National Animal Disease Center, USDA-ARS
50429	CRWAD 2019	Microbiology	Oral	Whole genome sequencing of PRRSV lead to a better classification of clinical cases.	C Lalonde	Swine and poultry infectious disease research center
50442	CRWAD 2019	Microbiology	Oral	Application of pathogen-specific biomarkers to enhance specificity of bovine TB diagnosis	S Hadi	Michigan State University
50454	CRWAD 2019	Microbiology	Oral	Fecal prevalence of the top-7 Shiga Toxin-Producing Escherichia coli in finisher pigs	RG Amachawadi	Kansas State University
50455	CRWAD 2019	Microbiology	Oral	Specialist and generalist viruses in Pacific salmon of the Northwest	MK Purcell	US Geological Survey, Western Fisheries Research Center
50469	CRWAD 2019	Microbiology	Oral	Development of multiplex qPCR assays for simultaneous detection of parapox, capripox and foot and mouth disease	A Das	USDA APHIS
50470	CRWAD 2019	Microbiology	Oral	Immunomodulatory effect of butyrate on chicken macrophage cell line in presence of Salmonella Enteritidis	A Gupta	Poultry Science Department, University of Arkansas
50479	CRWAD 2019	Microbiology	Oral	Invasive and non-invasive methods of sampling the chicken respiratory microbiota	M Abundo	Food Animal Health Research Program, Department of Veterinary Preventative Medicine, The Ohio State University
50494	CRWAD 2019	Microbiology	Oral	Characterization of homologous protective humoral immunity against Seneca Valley virus	H Kim	Department of Veterinary Diagnostic and Production Animal Medicine, Iowa State University
50496	CRWAD 2019	Microbiology	Oral	Evolutionary lineages of Escherichia coli O157:H7 are distinguished by prophage content and Stx2 production	E Stanton	University of Wisconsin-Madison
50512	CRWAD 2019	Microbiology	Oral	Lung microRNA expression and microbiota changes in dairy calves following induced Pasteurella multocida infection	SM Raabis	University of Wisconsin-Madison
50519	CRWAD 2019	Microbiology	Oral	A novel live attenuated vaccine protects against heterologous Senecavirus A challenge	DG Diel	Cornell University
50523	CRWAD 2019	Microbiology	Oral	Identification of the risks of emerging flavobacteria to farmed salmonids towards improved prevention and control	TP Loch	Michigan State University

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50539	CRWAD 2019	Microbiology	Oral	Serotyping and Multilocus Sequence Typing as approaches for predicting pathotype of <i>Streptococcus suis</i> in the U.S.	AA Estrada	College of Veterinary Medicine, University of Minnesota
50548	CRWAD 2019	Microbiology	Oral	Identification and characterization of the putative PEDV receptor-binding domain	M Bhandari	Iowa State University
50555	CRWAD 2019	Microbiology	Oral	Virulence-associated gene profiling of <i>Streptococcus suis</i> in the United States	AA Estrada	College of Veterinary Medicine, University of Minnesota
50575	CRWAD 2019	Microbiology	Oral	<i>Mycoplasma bovis</i> -associated otitis media in calves and sample sites evaluation utilizing a real-time PCR assay	K Clothier	California Animal Health and Food Safety Lab, University of California-Davis
50580	CRWAD 2019	Microbiology	Oral	Comparison of chlortetracycline and oxytetracycline treatment regimens to clear bovine anaplasmosis	KE Reif	Kansas State University
50581	CRWAD 2019	Microbiology	Oral	Maintenance of distinct <i>Anaplasma marginale</i> genotypes in different herds within the same beef cattle operation	KE Reif	Kansas State University
49684	CRWAD 2019	Microbiology	Poster	Rational design of attenuated vaccines for porcine epidemic diarrhea virus	Q Wang	Food Animal Health Research Program, Department of Veterinary Preventative Medicine, The Ohio State University
49710	CRWAD 2019	Microbiology	Poster	Isolation of <i>Brucella abortus</i> biotype 3 from cattle in Azerbaijan in 2012 - 2014	A Asgarova	Azerbaijan Food Safety Institute
49711	CRWAD 2019	Microbiology	Poster	Laboratory evaluation of skin samples and ears of farm animals in Azerbaijan in 2008-2018	I Azimov	Central Veterinary Laboratory
49729	CRWAD 2019	Microbiology	Poster	Molecular attenuation mechanisms of porcine epidemic diarrhea virus in pigs	Q Wang	Food Animal Health Research Program, Department of Veterinary Preventative Medicine, The Ohio State University
49766	CRWAD 2019	Microbiology	Poster	The role of the conserved alphaherpesvirus glycoprotein C in host-to-host transmission	KW Jarosinski	College of Veterinary Medicine, University of Illinois
49805	CRWAD 2019	Microbiology	Poster	Novel viral vaccine vectors for cattle	S Khatiwada	Department of Pathobiology, University of Illinois Champaign-Urbana
49817	CRWAD 2019	Microbiology	Poster	The novel laboratory method rRT-PCR diagnostics to investigate peste des petits ruminants (PPR) in Georgia	N Vepkhvadze	Laboratory of the Ministry of Agriculture of Georgia
49826	CRWAD 2019	Microbiology	Poster	Bacterial etiology of bovine digital dermatitis in dairy cattle using high throughput sequencing	Y Cho	Sunchon National University
49885	CRWAD 2019	Microbiology	Poster	Seroprevalence of <i>Anaplasma marginale</i> in Georgia cattle	B Whitlock	Department of Large Animal Clinical Sciences
49919	CRWAD 2019	Microbiology	Poster	Detection of severe fever with thrombocytopenia syndrome virus from horses in Korea	J Chae	Laboratory of Veterinary Internal Medicine College of Veterinary Medicine Seoul National University
49927	CRWAD 2019	Microbiology	Poster	BVDV compromises fetal immune organ development leading to post-natal predisposition to secondary infections	HM Georges	College of Veterinary Medicine and Biomedical Sciences, Colorado State University
49937	CRWAD 2019	Microbiology	Poster	Host factors in the replication of porcine respiratory and reproductive syndrome virus and swine influenza virus	Y kim	Kansas State University
49938	CRWAD 2019	Microbiology	Poster	Investigation of Host Genetic Role in PCV2 and PRRSV Susceptibility	DC Ciobanu	Animal Science Department, University of Nebraska-Lincoln
49996	CRWAD 2019	Microbiology	Poster	Further characterization and resolution of poly-microbial biofilms in bovine respiratory disease	TJ Inzana	NY
50015	CRWAD 2019	Microbiology	Poster	The role of small RNAs and Hfq in regulation of <i>Histophilus somni</i> virulence factors	TJ Inzana	Long Island University
50082	CRWAD 2019	Microbiology	Poster	Revealing interaction between epithelial cell and macrophage in <i>Brucella canis</i> infection by transcriptomic analysis	W Park	Seoul National University
50084	CRWAD 2019	Microbiology	Poster	Detection of Sindbis virus in South-eastern part of Azerbaijan	Z Ramazanov	Azerbaijan Republic Anti-Plague Station
50205	CRWAD 2019	Microbiology	Poster	Role of Cold Shock Proteins in <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> Endogenous Mutagenesis and Virulence.	J Santander	Memorial University of Newfoundland
50240	CRWAD 2019	Microbiology	Poster	Major risk factors allowing further spread of brucella infection in Egypt	HI Hosein	College of Veterinary Medicine, Beni-Suef University
50245	CRWAD 2019	Microbiology	Poster	Investigation of <i>Brucella</i> spp. recovered from ruminants using Multiple Locus VNTR Analysis	A Menshawy	College of Veterinary Medicine, Beni-Suef University
50252	CRWAD 2019	Microbiology	Poster	Manipulation of the Dermacentor andersoni microbiome to mitigate pathogen transmission	KA Brayton	Washington State University
50279	CRWAD 2019	Microbiology	Poster	Combined immunomodulation and anti-viral therapy for Bovine Respiratory Syncytial Virus Infection	LJ Gershwin	University of California -Davis
50286	CRWAD 2019	Microbiology	Poster	Detection of <i>Chlamydia abortus</i> in sheep colostrum and milk	MG Martínez Serrano	Doctorado en Ciencias de la Producción y de la Salud Animal-FMVZ-UNAM
50308	CRWAD 2019	Microbiology	Poster	Evaluation of ELISA using combined recombinant proteins of <i>Brucella canis</i> for canine brucellosis	J Lee	Animal and Plant Quarantine Agency
50334	CRWAD 2019	Microbiology	Poster	Monoclonal antibodies and immune serum from <i>Theileria equi</i> inoculated horses inhibit merozoite infectivity.	RH Mealey	Veterinary Microbiology and Pathology, Washington State University
50350	CRWAD 2019	Microbiology	Poster	Characterizing the effect of temperature on bluetongue virus reassortment in <i>Culicoides sonorensis</i>	M Carpenter	Microbiology, Immunology, and Pathology Department, Colorado State University
50360	CRWAD 2019	Microbiology	Poster	Genetic analysis of bovine viral diarrhea virus in pre-weaned native Korean calves	K Choi	Department of Animal Science and Biotechnology College of Ecology and Environmental Science Kyungpook National University
50393	CRWAD 2019	Microbiology	Poster	Comparative genomics of plasmid-bearing <i>Staphylococcus aureus</i> strains isolated from various retail meats	MK Fakhr	University of Tulsa
50401	CRWAD 2019	Microbiology	Poster	Evaluation of the safety and efficacy of an attenuated live vaccine based on highly virulent genotype 2b PEDV	G Jang	Kyungpook National University
50402	CRWAD 2019	Microbiology	Poster	Functional characterization and proteomic analysis of the accessory protein NS7 of porcine deltacoronavirus (PDCoV)	J Park	Kyungpook National University
50410	CRWAD 2019	Microbiology	Poster	Effect of porcine circovirus and swine influenza virus co- infections on their in vitro viral pathogenesis	Y Burgher	Faculty of Veterinary Medicine, University of Montreal
50426	CRWAD 2019	Microbiology	Poster	Immune response conferred by <i>Brucella melitensis</i> recombinant proteins in goats	MA De la Rosa Ramos	Laboratorio de Investigación en Brucelosis Bovina, Departamento de Microbiología e Inmunología, Facultad de Medicina Veterinaria y Zootecnia, Universidad Nacional Autónoma de México
50432	CRWAD 2019	Microbiology	Poster	Q Fever Seroprevalence Study among Farmers and Farm Animals in	LN Malania	National Center for Disease Control and
50436	CRWAD 2019	Microbiology	Poster	Genetic Characterization and Comparative Genome Analysis of <i>Brucella</i> Isolates from Georgia	KS Sidamonidze	National Center for Disease Control and Public Health/R. Lugar Center

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50438	CRWAD 2019	Microbiology	Poster	Characterization of a novel human seasonal H3 influenza A virus spillover endemic in US swine	A Sharma	Department of VDPAM, Iowa State University
50457	CRWAD 2019	Microbiology	Poster	Environmental and Ecological Impact on the Distribution of Anthrax in Georgia	I Burjanadze	National Center for Disease Control and Public Health/R. Lugar Center
50461	CRWAD 2019	Microbiology	Poster	Isolation and identification of brucella species from patients by biochemical and serological methods	E Jhorjoliani	National Center for Disease Control and Public Health/R. Lugar Center
50471	CRWAD 2019	Microbiology	Poster	Effect of Salmonella enterica ser. Enteritidis and Heidelberg Infection on Cecal Tonsil Regulatory T Cell Properties	R Selvaraj	university of georgia
50477	CRWAD 2019	Microbiology	Poster	Molecular characterization of complete genome of newly emerging avian reovirus in 2016-2017 in Quebec, Canada	CA Gagnon	Faculty of Veterinary Medicine, University of Montreal
50489	CRWAD 2019	Microbiology	Poster	Alteration of gut microbiota following treatment of bovine respiratory disease with Danofloxacin in beef calves	AF Beyi	College of Veterinary Medicine, Iowa State University
50492	CRWAD 2019	Microbiology	Poster	Prevalence and antimicrobial susceptibilities of bacterial pathogens in Chinese pig farms from 2013 to 2017	B Zhang	Huazhong Agricultural University
50503	CRWAD 2019	Microbiology	Poster	Identification of peptides screened by phage display for the serological diagnosis of Brucella melitensis	S Villaseñor Orozco	Laboratorio de Investigación en Brucelosis Bovina, Departamento de Microbiología e Inmunología, Universidad Nacional Autónoma de México
50510	CRWAD 2019	Microbiology	Poster	Phosphoethanolamine methyltransferases inhibitors with broad-spectrum anthelmintic effect for livestock nematodes	WH Witola	University of Illinois at Urbana-Champaign
50513	CRWAD 2019	Microbiology	Poster	Development of swine and bovine cell lines deficient in the Neu5Gc9Ac expression to influenza D virus replication	T Uprety	South Dakota State University
50515	CRWAD 2019	Microbiology	Poster	Investigating the role of methionine production impact on C. jejuni luxS mutants ability to colonize chickens	BS Ruddell	Iowa State University
50528	CRWAD 2019	Microbiology	Poster	Interaction of classical swine fever virus Npro and interferon regulatory factor 3	K Choi	University of Texas Medical Branch
50529	CRWAD 2019	Microbiology	Poster	Control strategies for virulent Aeromonas hydrophila in catfish aquaculture by vaccination and informing pond management	ML Lawrence	Mississippi State University
50530	CRWAD 2019	Microbiology	Poster	Use of Chimeric Eastern Equine Encephalitis Virus in an IgM ELISA for Diagnosis of EEE Infection in Horses	KK Shanmuganatham	National Animal Health Laboratory Network-NVSL-USDA-APHIS
50535	CRWAD 2019	Microbiology	Poster	Metabolites produced by Lactobacillus inhibit growth and alter the virulence of enterohemorrhagic E. coli	A Aditya	University of Maryland
50537	CRWAD 2019	Microbiology	Poster	Bovine respiratory disease (BRD) pathogens affect each other during co-infection	CA Cowick	Mississippi State University
50544	CRWAD 2019	Microbiology	Poster	Genotyping of isolates of Chlamydia spp. obtained from abortions in ruminants of Mexico	MM Limón González	Doctorado en Ciencias de la Producción y de la Salud Animal-FMVZ-UNAM
50545	CRWAD 2019	Microbiology	Poster	Developing qPCR assays to identify and characterize pathogens causing canine skin and soft tissue infections	BL Lunt	Zoetis
50559	CRWAD 2019	Microbiology	Poster	Isolates of Chlamydia abortus in goat herds with and without tetracycline treatment in Guanajuato, Mexico	MM Limón González	Doctorado en Ciencias de la Producción y de la Salud Animal-FMVZ-UNAM
50569	CRWAD 2019	Microbiology	Poster	Prospective Study of Epizootic Hemorrhagic Disease Virus and Bluetongue Virus Transmission in Captive Ruminants	L Foil	LSUAgCenter
50582	CRWAD 2019	Microbiology	Poster	Comparison of multiple chlortetracycline regimens to control anaplasmosis by diverse Anaplasma marginale strains	B Skinner	Kansas State University
50583	CRWAD 2019	Microbiology	Poster	Performance of Dermacentor andersoni ticks fed on calves immunized with denatured tick antigen preparations	RW Stich	University of Missouri
50594	CRWAD 2019	Microbiology	Poster	Utility of Environmental Samples for AIV Surveillance in Commercial Poultry Operations	S Azeem	Department of VDPAM, Iowa State University
50094	CRWAD 2019	Pathogen-Host Interaction	Oral	Identification of host-adaptation genes in extraintestinal pathogenic escherichia coli during infection in different hosts	H Zhang	Department of VDPAM, Iowa State University
50230	CRWAD 2019	Pathogen-Host Interaction	Oral	Intramammary endotoxin challenge elicits time-dependent local and systemic effects on lactating bovine mammary glands.	F Zhao	Department of Animal and Veterinary Sciences, University of Vermont
50456	CRWAD 2019	Pathogen-Host Interaction	Oral	Genomic characterization of PRRSV-1 infection in pulmonary innate immune cells	E Crisci	Comparative Medicine Institute- North Carolina State University- Raleigh- NC- USA
49780	CRWAD 2019	Pathogen-Host Interaction	Poster	Gut microbiome features associated with Clostridioides difficile colonization in puppies	L Redding	School of Veterinary Medicine, University of Pennsylvania
49976	CRWAD 2019	Pathogen-Host Interaction	Poster	The host cell target proteins for the Edwardsiella ictaluri type III secretion system effectors EseL/M	RL Thune	and Louisiana State University Agricultural Center
50013	CRWAD 2019	Pathogen-Host Interaction	Poster	Characterization of the respiratory microbiome and virome associated with bovine respiratory disease complex	TG McDaniel	U. S. Meat Animal Research Center, USDA-ARS
50140	CRWAD 2019	Pathogen-Host Interaction	Poster	Underlying mechanisms for selected disease resistance and enhanced non-specific resistance in rainbow trout	TL Welker	USDA ARS
50362	CRWAD 2019	Pathogen-Host Interaction	Poster	Augmentation of antiviral immunity by inoculation of bovine upper respiratory epithelium with non-cytotoxic H.somni	LJ Gershwin	University of California -Davis
50486	CRWAD 2019	Pathogen-Host Interaction	Poster	In vitro and in vivo analysis of a comprehensive Mycobacterium avium subsp. paratuberculosis mutant bank	RG Barletta	University of Nebraska-Lincoln
50571	CRWAD 2019	Pathogen-Host Interaction	Poster	A Pioneering Approach to Tick Control: Anti-tick Toxins Delivered via Transfected Babesia bovis.	M Ueti	USDA-ARS