

Abstract Number	Presenter	Title	Session Title
V002	He	Pentose cycle activity in intestinal mucosal leukocytes of hybrid striped bass	Immunology
V003	He	Role of glutamate and other crystalline amino acids in diets for the growth of juvenile hybrid striped bass	Aquaculture
V004	Holdo	Simulations suggest that migratory animals can exert positive or negative effects on parasite loads in residents	Parasitology
V005	Rezamand	Effect of pH and lipopolysaccharide concentration <i>in vitro</i> on tight junction regulators and inflammatory markers	Immunology
V006	Bouchard	Cellulose nanomaterials: A novel adjuvant and delivery system for aquaculture vaccine applications	Vaccinology
V007	Rodriguez-Zas	Impact of prenatal and postnatal inflammatory conditions on the molecular pathways of the pig hypothalamus	Immunology
V008	Campbell	MDV Pathogenesis: The role of MDV genome integration on disruption of host chromosome architecture	Omics
V009	Cheng	Genomic screens to identify causative polymorphisms accounting for Marek's disease genetic resistance in chicken	Omics
V010	Cavanagh	Genomic analysis of two aquaculture pathogens reveals a conserved T6SS and overlapping effector repertoires	Omics
V011	Caputi	The impact of heat stress on the broiler chicken ileal enteric nervous system	General health and physiology
V012	Mwangi	PARTNERSHIP: Single-cycle replicon-based African Swine Fever Virus subunit vaccine	Vaccinology
V013	Mwangi	Improved vaccine platforms for safe and effective control of Bovine Viral Diarrhea Virus	Vaccinology
V014	Jones	Maintenance of bovine herpesvirus 1 (BoHV-1) latency by viral and cellular factors	Virology
V015	Llanos-Soto	<i>Salmonella Dublin</i> transmission and control in a heifer-raising operation: a mathematical modeling assessment	Vaccinology
V016	Timmons	Phage endolysins to control clostridia in poultry: the lytic activity of PlyCP41 enzyme using an <i>ex vivo</i> method	Bacteriology
V017	Barletta	Development and testing of <i>Mycobacterium avium subsp. paratuberculosis</i> DIVA vaccines in ruminants	Vaccinology
V018	Park	Field surveillance of influenza virus infection of equine populations in Mongolia during summer and fall 2021	Epidmiology
V020	Giordano	Improving dairy cow health monitoring and management using automated sensors	General health and physiology
V024	Seabury	A host-pathogen approach to GWAS for enhanced resistance to bacterial mastitis in U.S. dairy cattle	Omics
V025	Parcells	The role of exosomes in Marek's disease virus pathogenicity and immunity	Immunology
V026	Lopez	Host-pathogen interaction in bovine cryptosporidiosis	Immunology
V027	Brooks	Exploring the associations between perceived self-efficacy, subjective norms, and the intention to use antibiotics	Antimicrobial Use
V028	Rodriguez-Zas	The combined effect on the hypothalamic transcriptome of fasting and maternal immune activation on pigs	Omics
V029	Cepeda	Safety of inactivated vaccines against coliform mastitis when applied during the lactation period in cows in field	Vaccinology
V030	Abdelhamed	Characterization of genetic mechanisms of antimicrobial resistance identified in <i>Edwardsiella ictaluri</i>	Aquaculture
V031	Abdelhamed	Effect of dietary Trans-cinnamaldehyde on susceptibility of catfish to <i>Edwardsiella ictaluri</i>	Aquaculture
V032	Merchioratto	Inactivation of veterinary-relevant viruses in decomposing tissues under simulated environmental conditions	Biosecurity and Infection Control
V033	Smith	A comparison of 2 point-of-care glucometers in healthy ewes ( <i>Ovis aries</i> )	Diagnostic Testing
V034	Abdi	Methicillin-resistant Staphylococci (MRS) distribution in shared public health bathrooms at workplaces	Antimicrobial Use
V035	Raj	Transmission of H9N2 low pathogenicity Avian Influenza Virus (LPAIV) in a challenge-transmission model	Virology
V036	Raj	Using Toll-like receptor (TLR) ligands to prevent H9N2 avian influenza virus (AIV) transmission in chickens	Immunology
V037	Banda	Comparison between ELISA and RT-QuIC to detect chronic wasting disease in retropharyngeal lymph nodes of deer	Diagnostic Testing
V038	Silva	ASF virus neutralizing antibodies is highly associated with protection against virulent challenge in domestic pigs	Virology
V039	Smith	Evaluation of a surgical cannulation method for measurement of abomasal pH with a smartphone pH meter in ewes	General health and physiology
V040	Rodriguez-Zas	Effects of infection and anti-inflammatory supplementation on the behavior of gilts	Biosecurity and Infection Control
V041	Mendes Peter	Transcriptome analysis of BT cells infected with typical and high virulence bovine viral diarrhea virus strains	Omics
V042	Pal	TaqMan PCR assays with an internal control for detection of <i>M. bovis</i> and <i>M. avium paratuberculosis</i> in FFPE tissues	Diagnostic Testing
V043	Osuagwu	Frequencies and interactions of animals on Vermont dairy farms	Biosecurity and Infection Control
V044	Niederwerder	Assessing the gut microbiome as a tool for the mitigation of respiratory disease in nursery pigs	Omics
V045	Moreno Torres	A framework for multi-player decision-making on the allocation of limited resources on simulated FMD outbreaks	Epidmiology
V046	Petrie-Hanson	Epigenetic changes associated with increased phagocyte functions demonstrate trained immunity in catfish leukocytes	Aquaculture
V047	Steinberger	Investigating the role of dairy farm antimicrobial use on the bovine fecal resistome	Antimicrobial Use
V048	Liljebjelke	Genomic analysis and transfer dynamics of ICE carrying multidrug resistance in <i>H. somni</i> from feedlot cattle	Omics

**CRWAD 2023****Virtual-Only Presentations**

<b>Abstract Number</b>	<b>Presenter</b>	<b>Title</b>	<b>Session Title</b>
V049	Seabury	Translating the genomic and environmental landscape of BRDC for genetic improvement of U.S. dairy cattle	Omics
V052	Abdi	Evaluation of the abundance of ESBL-producing bacteria in shared public bathroom sinks and water bodies	One Health / Public Health
V054	McKeen	Methods for error control when a new trial is motivated by the results of an existing network meta analysis	Modeling, Methods, & Study Design
V055	Saidu	Public health implication of Brucella abortus Strain-19 vaccine in milking cows: A shedding of Brucella organisms	Food Safety
V056	Wang	Engineering a recombination resistant PEDV by targeting the TRS for live attenuated vaccine development	Vaccinology