

Abstract Number	Presenter	Title	Session Title
V-001	Coppersmith J	Transcriptomes of the bivalve pathogen <i>Vibrio coralliilyticus</i> and the probiont <i>Phaeobacter inhibens</i> in co-culture	Antimicrobial Alternatives
V-002	Timmons J	Phage endolysins as alternative antibiotics to control clostridia in poultry	Antimicrobial Alternatives
V-003	Gelalcha B	Detection of multidrug-resistant extended-spectrum β -lactamase producing <i>E. coli</i> from bulk tank milk obtained from dairy cattle farms	Antimicrobial Resistance/Use
V-004	Majumder S	Prevalence and mechanisms of antibiotic resistance in <i>Escherichia coli</i> isolated from mastitic dairy cattle in Canada	Antimicrobial Resistance/Use
V-005	Nealon NJ	Genetic determinants of integron-encoded antimicrobial resistance from <i>Salmonella enterica</i> of cattle origin	Antimicrobial Resistance/Use
V-006	Rowland P	Microbial Quality and Phenotypic Expression of Extended Spectrum Beta – Lactamases (ESBLs) Producing <i>Escherichia Coli</i> and <i>Klebsiella</i> Species in Dressed Chicken Meat in Maiduguri Metropolis, Northeastern Nigeria.	Antimicrobial Resistance/Use
V-007	Mimoune N	Study of antibiotics and symbiotic effects on sperm quality using the CASA system in goats	Antimicrobial Resistance/Use
V-008	Lee K	Assessment of knowledge and behavior of backyard farmers in California about animal health and antimicrobial use	Antimicrobial Resistance/Use
V-009	Bernal-Córdoba C	Use of antimicrobials in the treatment of calf diarrhea: A systematic review	Antimicrobial Resistance/Use
V-010	Bernal-Córdoba C	Use of antimicrobials in the prophylaxis and metaphylaxis of calf diarrhea: A scoping review (ScR)	Antimicrobial Resistance/Use
V-011	Abdelrahim A	Phenotypic and genotypic characterization of anti-microbial resistant <i>Escherichia coli</i> isolates from multiple retail meat types in North Carolina, 2018 to 2019	Antimicrobial Resistance/Use
V-012	Lopez-Moreno G	Evaluation of internal biosecurity practices combined with sow vaccination to wean influenza negative piglets	Biosecurity & Infection Control
V-013	Lopez-Moreno G	Evaluation of parity, personnel and cross-fostering in influenza infections during the pre-weaning period	Biosecurity & Infection Control
V-014	Fathke R	Constructing an integrated biosecurity-biosafety assessment tool for the dairy farm environment	Biosecurity & Infection Control
V-015	Gomes Noll J	Stability of Senecavirus A in animal feed ingredients and infection following consumption of contaminated feed	Biosecurity & Infection Control
V-016	Fathke R	Colorado dairy farmer knowledge, attitudes and practices for livestock and human infectious disease prevention	Biosecurity & Infection Control
V-017	Liu TL	Does the language of information delivery influence biosecurity compliance? Insights from experimental simulations	Biosecurity & Infection Control
V-018	Gontu A	Development and validation of serological assays to detect the spillover of SARS-CoV-2 in livestock	Diagnostic Testing
V-019	Atchison R	Development of Epizootic Hemorrhagic Disease Agar Gel Immunodiffusion reagents for Bovine and Ovine Export Testing	Diagnostic Testing
V-020	Kattoor J	Targeted next-generation sequencing for comprehensive testing for vector-borne pathogens in canines	Diagnostic Testing
V-021	Lehman K	Anatomical Distribution of <i>Brucella ovis</i> in Naturally Infected Rams and Correlation to Diagnostic Test Results	Diagnostic Testing
V-022	Srinivasan S	A defined antigen skin test for the diagnosis of bovine tuberculosis	Diagnostic Testing
V-023	Saklou N	A novel diagnostic modality for identifying Equine Herpesvirus type-1	Diagnostic Testing
V-024	Smith J	Implementation of surgical abomasal cannulation for smartphone measurement of abomasal pH in beef calves	Diagnostic Testing
V-025	Sargeant J	<i>Salmonella</i> in animal feeds: A scoping review	Epidemiology
V-026	Van de Walle G	Equine parvovirus-hepatitis transmission	Epidemiology
V-027	Abraham T	Detection of <i>Lactococcus garvieae</i> in Feral Fish and Environment of four California Lakes	Epidemiology
V-028	Ebwanga E	Africa swine fever: Prevalence, Farm characteristics, Farmer's insight and Attitude towards Reporting of African swine fever in Cameroon.	Epidemiology
V-029	Campler M	Investigation of geospatial risk factors on infectious bronchitis virus (IBV) antibody titer levels in Midwestern poultry farms	Epidemiology
V-030	Balaraman V	Examining the potential transmission of SARS-CoV-2 by insect vectors	Epidemiology
V-031	Diaz-Cao JM	Estimation of the distribution of bushpigs in Madagascar and its implication for African swine fever risk	Epidemiology
V-033	Hamond C	Rodents act as reservoir hosts to excrete multiple species and serogroups of <i>Leptospira</i> concurrently	Epidemiology
V-034	Masiuk D	Infectious bronchitis virus genetic diversity in chickens of industrial herds of Ukraine 2019-2020	Epidemiology

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V-035	Picasso-Risso C	Assessment of the RT-QulC assay for detection of chronic wasting disease in white-tailed deer: a Bayesian approach	Epidemiology
V-036	Hanson L	Sublethal microcystin LR exposure predisposes channel catfish to lethal <i>Aeromonas hydrophila</i> infection.	Epidemiology
V-037	Oliveira E	Prediction of metritis cure in non-antibiotic treated dairy cows	Epidemiology
V-038	Monje F	Anthrax Outbreaks among Domestic Ruminants in Arua District, Uganda, 2016-2018	Epidemiology
V-039	Shah T	Plant-derived compounds modulate <i>Salmonella</i> Enteritidis proteome critical for colonization in chickens.	Food Safety
V-040	Abdi R	Genetic fingerprints and virulence profiles of <i>E. coli</i> O157:H7 from humans and cows	Food Safety
V-041	Almansour A	Mouse specific pathogen free microbiota to reduce <i>Campylobacter jejuni</i> colonization in chickens	Food Safety
V-042	Vergés S	Serological survey of antibody immunity against <i>Salmonella</i> in a commercial breeder farm using inactivated vaccine	Food Safety
V-044	Sipka A	Innate immune cell mTOR responsiveness to LPS challenge in postpartum dairy cows following amino acid infusion	Immunology
V-045	Davis W	Demise of a myth: Macrophages are not a safe-haven for mycobacterial pathogens.	Immunology
V-046	Byrne K	Converse trends with adaptive and innate immune responses following intravenous BCG inoculation in pigs	Immunology
V-047	Parcells M	The role of exosomes in Marek's disease virus lymphomagenesis and immunity	Immunology
V-048	Seibert B	Impact of respiratory viral infections on the microbiome in avian and mammalian animal models	Modeling
V-049	Lopez B	Generation of a bovine 2-D primary enteroid monolayer cell culture model to investigate host-pathogen interactions	Modeling
V-050	Mori J	Predictive modeling of pH in an aquaponics system to inform system maintenance	Modeling
V-051	Campos R	Dynamics of bovine tuberculosis outbreaks: a study of interdependence between seasonal host movement and pathogen abundance	Modeling
V-052	Clark E	Linking experimental games with agent based models to quantify agricultural outbreak dynamics	Modeling
V-053	Gonzalez-Crespo C	Assessing the animal and public health hazard of urban wild boars using an Agent-Based Model approach	Modeling
V-054	Bickmeier N	Genetic diversity of <i>Anaplasma marginale</i> in Tennessee beef cattle herds	Omics
V-055	Xu R	<i>Leptospira</i> pangenome analysis reveals recombination events in the core and accessory genes	Omics
V-056	Aradanas M	Analysis of genome size and mobile genetic elements in <i>Streptococcus suis</i> isolates from sick and healthy pigs	Omics
V-057	Ní Dhúfaigh K	Characterization of the respiratory virome of Irish beef weanlings associated with bovine respiratory disease	Omics
V-058	Niazy M	A multi-omics model to identify host-microbiome interactions and pathogen dynamic impacts on <i>Streptococcus suis</i> disease	Omics
V-059	Legall N	Mbovpan: a <i>Mycobacterium bovis</i> whole-genome sequencing pangenomic framework	Omics
V-060	Rhoads D	Validation of a SNP panel for selection for ascites resistance in broilers	Omics
V-061	Van de Walle G	Single cell RNAseq of equine mesenchymal stromal cells from donor-matched tissues reveals functional heterogeneity	Omics
V-062	Rodriguez-Zas S	Interacting effect of weaning and prenatal stressors on the hypothalamic molecular pathways in the pig	Omics
V-063	Putz E	Some like it hot, some like it cold: Proteomics of <i>Leptospira borgpetersenii</i> serovar Hardjo strains at different temperatures	Omics
V-064	Crist S	Knowledge, attitudes, and practices of veterinary professionals towards ticks and tick-borne diseases in Illinois	Parasitology
V-065	Witola W	Phosphoethanolamine methyltransferases inhibitors with broad-spectrum anthelmintic effect for livestock nematodes	Parasitology
V-066	Busch J	Cryptic dispersal of cattle fever ticks occurs in southern Texas via infested cattle and wildlife	Parasitology
V-067	Aroian R	Studies of a new modality of deworming: Bt crystal proteins	Parasitology
V-068	Fry L	<i>Theileria haneyi</i> is resistant to imidocarb dipropionate and reduces its efficacy against <i>T. equi</i> in co-infected horses	Parasitology
V-069	Elsayed H	Identification of <i>Babesia</i> gametocyte chemoattractive molecules	Parasitology
V-070	Van Voorhis W	Pharmacokinetics of bumped kinase inhibitor-1748 in horses: investigational therapeutic for EPM	Parasitology
V-071	Fu Y	Chenodeoxycholic acid promotes susceptibility to campylobacteriosis in <i>Il10</i> ^{-/-} mice	Pathogen-Host Interaction

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V-072	Elder B	Abiotic effects of temperature and biotic effects of pathogen exposure on host performance and susceptibility.	Pathogen-Host Interaction
V-073	Tian Y	Transcriptomic analyses of a ranavirus implicate the viral interference with host interferon response	Pathogen-Host Interaction
V-074	Chaudhari J	Comparative analysis of transcriptome profiles between directly infected and bystander alveolar macrophages collected from pigs infected with PRRSV	Pathogen-Host Interaction
V-075	Sun X	Specific secondary bile acids control chicken necrotic enteritis	Pathogen-Host Interaction
V-076	Westrich J	Monitoring longitudinal immunological responses to Bluetongue Virus 17 in experimentally infected sheep	Pathogen-Host Interaction
V-077	Ueti M	A Pioneering Approach to Tick Control: Anti-tick Toxins Delivered via a Tick Transmissible Pathogen	Pathogen-Host Interaction
V-078	Balauriya U	Vimentin as a cellular protein involved in equine arteritis virus attachment and entry	Pathogen-Host Interaction
V-079	Alenezi TJ	Cloning bile salt hydrolase to increase deconjugate bile acids for reducing Clostridium perfringens	Preventive Medicine
V-080	Goetz H	Effect of long-distance transportation on surplus dairy calf health	Epidemiology
V-081	Giordano J	Improving dairy cow health monitoring and management using automated sensors	Preventive Medicine
V-082	Fu Y	Using Phage Display to produce anti-Clostridium perfringens monoclonal antibodies	Preventive Medicine
V-083	Joshi L	Protective efficacy of an orf virus-vector encoding the hemagglutinin and the nucleoprotein of influenza A virus in swine	Vaccinology
V-084	Caceres CJ	Development of a novel Live Attenuated Influenza A Virus vaccine encoding the IgA-inducing protein	Vaccinology
V-085	Cardenas-Garcia S	Vaccine-induced antibody response and its correlation with protection against challenge with HPAI H7N3 in chickens	Vaccinology
V-086	Martinez D	Efficacy of commercial BRSV vaccines in the prevention of respiratory disease in calves a meta-analysis	Vaccinology
V-087	Losada Torres JL	Compatibility of different combinations of newcastle and infectious bronchitis vaccines in layer-type chickens	Vaccinology
V-088	Hammer S	Distribution of Swine Leukocyte Antigen (SLA) haplotypes in European farmed pigs	Vaccinology
V-089	Fu Y	Clostridium perfringens sporulation vaccines prevent chicken necrotic enteritis	Vaccinology
V-090	Gutierrez AH	T cell epitope content comparison (EpiCC) analysis between PCV2 vaccines and field strains	Vaccinology
V-091	Zhu X	A Structure-Based Vaccine for Bovine Respiratory Syncytial Virus using NDV Vector	Vaccinology
V-092	Palomares R	Injection of Zn, Se, Cu and Mn enhances antibody response to Bovine Coronavirus vaccination in beef cattle.	Vaccinology
V-093	Telera G	Evaluation of baseline hematological and biochemical parameters in water buffaloes (Bubalus bubalis)	Preventive Medicine
V-094	AboElkhair M	In-silico evidence for enhancement of AIV H9N2 virulence during co-infection with avian infectious bronchitis virus	Virology
V-095	Martins M	Age-related susceptibility of ferrets to SARS-CoV-2 infection	Virology
V-096	Hoch Vieira Fernandes M	A virulent and pathogenic infectious clone of Senecavirus A	Virology
V-097	Neveau M	Genetic and antigenic characterization of an expanding H3 Cluster IV-A influenza A virus clade in US swine	Virology
V-099	Bustamante-Córdova L	Assessment of the feasibility of using neutralizing monoclonal antibody to protect pigs against swine influenza virus	Virology
V-101	Kim Y	The effects of host factors in the replication of PRRSV and swine influenza viruses	Virology
V-102	Cardia Caserta L	Rapid Genotyping of Porcine Reproductive and Respiratory Syndrome Virus Using Minion Nanopore Sequencing	Virology
V-103	Jones C	Examination of Bovine Herpesvirus 1 Gene Expression During Stress-Induced Reactivation From Latency	Virology
V-104	Raev S	Histo-blood group antigen-like producing bacteria inhibit Rotavirus A infection of intestinal epithelial cells	Virology
V-105	Meneguzzi M	Targeting porcine viral pathogens using a bait-capture method	Virology
V-106	Kapczynski D	Development of a model for susceptibility to SARS-CoV-2 based on expression of ACE2 and TMPRSS2 in avian cells	Virology
V-107	Aarattuthodi S	An established catfish cell line to aid in fish virus studies	Virology
V-108	Caceres CJ	Genome rearrangement as Live attenuated Influenza vaccines platforms.	Vaccinology
V-109	Gershwin L	Antiviral and immunomodulatory therapy in BRSV: effects on immune cells, lung pathology, and gene expression	Immunology - 1

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V-P001	Markosyan T	Antimicrobial Resistance of Escherichia coli and Salmonella typhimurium Isolated from Poultry in Armenia	Antimicrobial use/resistance/stewardship
V-P002	Ghazaryan E	Determination of Antimicrobial Resistance of Staphylococcus aureus and Staphylococcus albus Isolated from Lymph Nodes of Pigs	Antimicrobial use/resistance/stewardship
V-P003	Kreuder A	Efficacy of tulathromycin for treatment of respiratory disease in goats	Antimicrobial use/resistance/stewardship
V-P004	Moderski L	Ceftiofur resistance trends in Gram-negative bovine mastitis isolates from Wisconsin: a retrospective report	Antimicrobial use/resistance/stewardship
V-P005	Wilson-Welder J	Novel reversible biocides as antibiotic alternatives for veterinary pathogens	Antimicrobial use/resistance/stewardship
V-P006	Wilson J	Production and economic outcomes of restricting antimicrobial use in U.S. hog production: A systematic review	Antimicrobial use/resistance/stewardship
V-P007	Kyung SM	Genetic molecular characteristics of Enterobacteriaceae isolates harboring metallo- β -Lactamase NDM-5 from Korean Companion dogs	Antimicrobial use/resistance/stewardship
V-P008	Calabro C	Applying survival analysis to antimicrobial resistance trends in Staphylococcus pseudintermedius isolated from canine pyoderma	Antimicrobial use/resistance/stewardship
V-P009	Nelson D	Evaluation of a bacteriophage enzyme, PlyC, for treatment of S. uberis-associated bovine mastitis	Antimicrobial use/resistance/stewardship
V-P010	Kim S	Comparative genome analysis of Mycobacterium intracellulare reveals the molecular basis of multidrug resistance	Antimicrobial use/resistance/stewardship
V-P011	Spoja B	Phenotypic differences in Streptococcus suis and Glaesserella parasuis when grown in co-culture	Antimicrobial use/resistance/stewardship
V-P012	Strong K	Factors associated with antimicrobial-resistant enterococci across the beef production system: a scoping review	Antimicrobial use/resistance/stewardship
V-P013	Butters A	Whole-genome sequencing of Escherichia coli to characterize antimicrobial resistance within a One Health continuum	Antimicrobial use/resistance/stewardship
V-P014	Choi IY	Engineered probiotics to deliver antimicrobials targeting the pig pathogen Streptococcus suis	Antimicrobial use/resistance/stewardship
V-P015	Dawes M	Bovine lactoferrin, a promising therapeutic for avian necrotic enteritis	Antimicrobial use/resistance/stewardship
V-P016	Norby B	Impact of Bovine Leukemia Virus infection on disease incidence and severity in dairy cattle	Dairy cattle physiology, immunology or disease
V-P017	Lillehoj H	Development and characterization of poultry-specific immune reagents and immunoassays	Diagnostic testing/disease modeling/precision agriculture
V-P018	Smith J	Animal disease spread models can be improved by including human behavior	Diagnostic testing/disease modeling/precision agriculture
V-P019	Choi S	MicroRNA profiling in Mycobacterium avium subsp. paratuberculosis-infected cattle at different stages of infection	Diagnostic testing/disease modeling/precision agriculture
V-P020	Vepkhvadze N	The novel diagnostic platform for Peste des Petits Ruminants (PPR) in Georgia	Diagnostic testing/disease modeling/precision agriculture
V-P021	Snipes B	Determining the correlation between blood and saliva glucose levels and saliva pH levels in veterinary patients	Diagnostic testing/disease modeling/precision agriculture
V-P022	Sreevatsan S	Enhancing field detection tools for bovine tuberculosis using mycobacterial-specific biomarkers	Diagnostic testing/disease modeling/precision agriculture
V-P023	Fu Y	Inflammation and bile acid composition determine C. perfringens-induced enteritis in mice	Diagnostic testing/disease modeling/precision agriculture
V-P024	Southey B	Artificial intelligence algorithms to predict estrus in Holstein cattle across genetics and environments	Diagnostic testing/disease modeling/precision agriculture
V-P025	Briggs W	Comparison of DNA Extraction Methods for Mycoplasma Detection Testing in Veterinary Biologics	Diagnostic testing/disease modeling/precision agriculture
V-P026	Becker M	X-ray crystallography at GM/CA@APS assisting in the fight against pandemics and infectious diseases	Diagnostic testing/disease modeling/precision agriculture
V-P027	Danelyan H	Presence of Brucellosis among dogs in the Republic of Armenia	Epidemiology and/or public health
V-P028	Malania L	Seroprevalence, spatial distribution and risk factors of Francisella tularensis in Georgia and Jordan	Epidemiology and/or public health
V-P029	Sokacz M	Managing Bovine Leukemia Virus by integrating surveillance of young stock and whole herd scans	Epidemiology and/or public health
V-P030	Herring E	Risk behaviors and compliance with COVID-19 guidelines among university students and personnel	Epidemiology and/or public health
V-P031	Holdo R	Transport and trophic effects of animal movement on gastrointestinal nematode infection	Epidemiology and/or public health
V-P032	Santo Tomas H	Prevalence of Histophilus somni in Spain	Epidemiology and/or public health
V-P033	Park A	The evolutionary ecology of pathogen emergence via cross-species transmission in the avian-equine influenza system	Epidemiology and/or public health
V-P034	Johnson W	A cross sectional survey of helminth parasites of North American bison in the central United States: 2021 update	Epidemiology and/or public health
V-P035	Turcotte G	Integration of empirical network data and mathematical models to examine the risk of infection in equine athletes	Epidemiology and/or public health

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V-P036	Kleynhans D	African swine fever surveillance: challenges and opportunities of non-invasive sampling of warthogs	Epidemiology and/or public health
V-P037	Gonzalez-Crespo C	Suitability modelling of <i>Ornithodoros</i> spp. in California to identify ASFV high-risk areas with climate variation.	Epidemiology and/or public health
V-P038	Dekkers J	Genetics of retroactive measures of stress response and relationships with disease resilience in nursery and grow-finish pigs	Host or pathogen genomics or proteomics
V-P039	Bolotin V	Multiple-locus variable number tandem repeats analysis of five <i>Brucella suis</i> strains isolated in Ukraine	Host or pathogen genomics or proteomics
V-P040	Park HT	Dual RNA-seq for revealing host-pathogen interaction between human macrophage and <i>M. paratuberculosis</i> at initial stage of infection	Host or pathogen genomics or proteomics
V-P041	Cheng H	Genomic screens to identify causative polymorphisms accounting for Marek's disease genetic resistance in chicken	Host or pathogen genomics or proteomics
V-P042	Ma L	Big-data genomic investigation to improve dairy cattle health	Host or pathogen genomics or proteomics
V-P043	Peixoto J	Transcriptomic profiling of <i>Babesia bigemina</i> reveal differences in kinete and blood developmental stages	Host or pathogen genomics or proteomics
V-P044	Scupham A	Production of complete equine parvovirus capsids in vitro	Host or pathogen genomics or proteomics
V-P045	Southey B	Forecasting metritis cases in dairy cattle using deep learning of genomic and management information	Host or pathogen genomics or proteomics
V-P046	Lahuis C	Calf expressed microRNAs associated with dams infected with Bovine Leukemia Virus	Host or pathogen genomics or proteomics
V-P047	Abrahamyan L	Comprehensive landscape of nidovirus–host protein interactions by comparative proteomics	Host or pathogen genomics or proteomics
V-P048	McDanel T	Characterization of the respiratory microbiome and virome associated with Bovine Respiratory Disease	Microbiome and bacteriology
V-P050	Arsenault M	Longitudinal investigation of early fecal microbiota in pigs from nine cohorts in Ontario and Quebec	Microbiome and bacteriology
V-P051	Lewin A	Relative and absolute quantification of the ocular microbiome in infectious bovine keratoconjunctivitis	Microbiome/Bacteriology
V-P052	Niederwerder M	Assessing the gut microbiome as a tool for the mitigation of respiratory disease in nursery pigs	Microbiome/Bacteriology
V-P053	Lyte J	A novel neuroendocrine-microbiome mechanism mediating heat stress and infection in chickens	Microbiome/Bacteriology
V-P054	Amezcuca M	An investigation of <i>Streptococcus suis</i> in nursery pigs	Microbiome/Bacteriology
V-P055	Farzan V	Optimizing an infection model for <i>E. coli</i> F4+ in newly weaned pigs	Microbiome/Bacteriology
V-P056	Hanna E	A challenge study investigating the relationship between <i>Streptococcus suis</i> disease and nursery diet in pigs	Microbiome/Bacteriology
V-P057	Young J	Recovery and time-series analysis of metagenome assembled genomes within the fecal microbiome of commercial swine	Microbiome/Bacteriology
V-P058	Ní Dhúfaigh K	Characterization of the beef nasopharyngeal microbiome associated with bovine respiratory disease	Microbiome/Bacteriology
V-P059	Price D	Reverse vaccinology approaches using the genome of invading North American <i>Haemaphysalis longicornis</i> , the Asian longhorned tick	Parasitology and/or ticks
V-P060	Mulenga A	Abstract Title: A tick salivary immunogen-based vaccine against tick feeding and TBD infections in cattle	Parasitology and/or ticks
V-P061	Mimoune N	Artificial reproduction of <i>Cyprinus carpio</i> and <i>Clarias gariepinus</i>	Physiology or Immunology
V-P062	Hoffman M	Determining the Effects Maternal Programming on Calf Health and Immunity During Postnatal Life	Physiology or Immunology
V-P063	Rezamand P	The effects of weaning pace on blood metabolites of Holstein dairy calves	Physiology or Immunology
V-P064	Rose E	Colonocytes demonstrate an age-dependent defect in epithelial restitution in a pig model of colonic ischemia and repair	Physiology or Immunology
V-P065	Rodriguez-Zas S	Effects of inflammatory signals and anti-inflammatory supplementation on inflammatory markers in pigs	Physiology or Immunology
V-P066	Santo Tomas H	Reduction in BRD cases and antibiotic use using NASYM and HIPRABOVIS SOMNI/Lkt in a commercial Polosh dairy farm	Physiology or Immunology
V-P067	Golightly H	Investigation of serum brain-derived neurotrophic factor (BDNF) levels in weaned piglets following transport	Physiology or Immunology
V-P068	Santo Tomas H	NASYM triggers both local and systemic cellular immune responses in newborn calves after intranasal administration	Physiology or Immunology
V-P069	Santo Tomas H	NASYM triggers both humoral and cellular immune responses in young calves after intramuscular administration	Physiology or Immunology
V-P070	Mutua V	Effects of an antiviral and ibuprofen treatment on NETs in a model of Bovine Respiratory Syncytial Virus infection	Physiology or Immunology
V-P071	Bauermann F	Immune response to influenza D virus (IDV) in calves previously inoculated with bovine viral diarrhea virus (BVDV)	Physiology or Immunology
V-P072	Lim A	Effect of contaminated gloves in horizontal transmission of parvovirus in mink farming	Physiology or Immunology

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V-P073	Sharmin KN	Norepinephrine influences the growth and virulence of <i>Clostridioides difficile</i>	Systemic and mucosal immunology
V-P074	Boggiatto P	Functional potential of <i>Brucella</i> -specific T cells following RB51 vaccination	Vaccines and vaccinology
V-P075	Dunn J	US-UK Collab: Influence of imperfect vaccines, host genetics, and pathogen mutation rates on infectious diseases	Vaccines and vaccinology
V-P076	Conrad S	Enhancing the production of type I interferons to create rationally-defined Marek's disease vaccines	Vaccines and vaccinology
V-P077	Busquet M	General farm performance as a tool to reveal the subclinical impact of IBD and to improve Gumboro vaccination strategy	Vaccines and vaccinology
V-P078	Bouchard D	Cellulose nanomaterials: A novel adjuvant and delivery system for aquaculture vaccine applications	Vaccines and vaccinology
V-P079	Mwangi W	Improved vaccine platforms for safe and effective control of Bovine Viral Diarrhea Virus	Vaccines and vaccinology
V-P080	Mwangi W	Efficacy of prototype live-vectored African swine fever virus vaccines	Vaccines and vaccinology
V-P081	Mwangi W	PARTNERSHIP: Single-cycle Replicon-based African Swine Fever Virus Subunit Vaccine	Vaccines and vaccinology
V-P082	Pavulraj S	Novel Bovine Herpes Virus Type 1 vectored vaccine against Rift Valley Fever Virus infections in Cattle and Sheep	Vaccines and vaccinology
V-P083	Maggioli M	Bovine respiratory syncytial virus experimental calf infection – BRSV vaccine challenge model	Vaccines and vaccinology
V-P084	Santo Tomas H	The effects of vaccination and vaccine type on the prevalence of BVD in South African communal and commercial herds	Vaccines and vaccinology
V-P085	Santo Tomas H	Use of emergency vaccination with a live attenuated BRSV vaccine (NASYM) as an aid to control onfarm BRD outbreaks	Vaccines and vaccinology
V-P086	Vidlund J	Efficacy of Novel Staphylococcal Surface Protein Vaccines Against Mastitis in Dairy Cattle	Vaccines and vaccinology
V-P087	Maggioli M	Respiratory disease and lung pathology in calves co-infected with bovine viral diarrhea virus and influenza D virus	Virology
V-P088	Gershwin L	Viperin (RSAD2) induction in Bovine Respiratory Syncytial Virus infection: effects of drug treatment	Virology
V-P089	Hansen T	BVDV compromises fetal immune organ development leading to postnatal predisposition to secondary infections	Virology
V-P090	Kapczynski D	US-UK-China Collaboration: Predictive phylogenetics for evolutionary and transmission dynamics of newly emerging avian influenza viruses	Virology
V-P091	Jung K	Replication of PDCoV is limited in neonatal piglets co-infected simultaneously or 16 hours prior with virulent PEDV	Virology
V-P092	Hufnagel D	Influenza A N1 neuraminidase diversity and evolution in North American swine	Virology
V-P093	Campbell M	MDV Pathogenesis: The role of MDV genome integration on disruption of host chromosome architecture	Virology
V-P094	Celer V	Epitope mapping of the ASFV C-type lectin protein	Virology
V-P095	Hernandez L	The physiological effect of EGTA infusion during parturition on calcium metabolism postpartum in Holstein cows	Dairy cattle physiology, immunology or disease
V-P096	Pithua P	Evidence of <i>Campylobacter</i> species shed in chickens and pigs in Uganda	Epidemiology and/or public health
V-P097	Kellogg C	Changes in bovine leukemia virus diagnostic parameters in naturally infected dairy cattle over a lactation cycle	Dairy cattle physiology, immunology or disease
V-P098	Wampande E	Detection of African swine fever virus (ASFV) antibodies in pigs slaughtered from abattoirs in central Uganda	Epidemiology and/or public health
V-P099	Kayaga EB	Detection of antibodies against <i>Ornithodoros moubata</i> saliva antigen in pigs slaughtered in Central Uganda	Epidemiology and/or public health
V-P100	Crawford L	Effects of concurrent administration of RB51 and modified live viral vaccines on immune responses	Vaccines and vaccinology
V-P101	Olsen S	Immune responses and efficacy of a <i>Brucella</i> dry dart vaccine in bison	Vaccines and vaccinology
V-P102	Petersson K	Optimization of <i>Bacillus thuringiensis</i> crystal protein 5B for control of gastrointestinal parasites in livestock	Parasitology and/or ticks