

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
1	1	Carpenter	Veterinary epidemiology and animal health economics: the way we were	AVEPM - Schwabe Symposium	Salon II	8:30	9:15	1/22/23
1	2	Rich	The state of play of veterinary economics: where we have been, where we are, and where we still need to go	AVEPM - Schwabe Symposium	Salon II	9:15	10:00	1/22/23
2	3	Ziegler	Dietary oligosaccharides modulate microbiome, enteric glia, and epithelial barrier function in suckling pigs	General Health & Physiology 1	Chicago A/B	8:30	8:45	1/22/23
2	4	Gaire	Effect of commingling and dietary fiber interventions on select performance metrics of suckling and weaned pigs	General Health & Physiology 1	Chicago A/B	8:45	9:00	1/22/23
2	5	Diaz	Rapid rumen microbiome change driven by weaning strategy on beef calves	General Health & Physiology 1	Chicago A/B	9:00	9:15	1/22/23
2	6	Llada	Behavioral and physiological changes associated with poor performance in late-fall toxic fescue grazing steers	General Health & Physiology 1	Chicago A/B	9:15	9:30	1/22/23
2	7	Rients	Weather impacts cattle behavior during disease challenge	General Health & Physiology 1	Chicago A/B	9:30	9:45	1/22/23
2	8	Redding	Effects of regional limb perfusion technique antibiotic levels achieved at the target site: a meta-analysis	General Health & Physiology 1	Chicago A/B	9:45	10:00	1/22/23
3	9	Koepper	Diversity and community composition of the shell microbiome of American lobster (<i>H. americanus</i>) in Atlantic Canada	Aquaculture	Chicago C	8:30	8:45	1/22/23
3	10	Peterson	Boosting copper toxicity towards <i>Saprolegnia parasitica</i>	Aquaculture	Chicago C	8:45	9:00	1/22/23
3	11	Bernabe	Exploring the role of T3SS sctV gene in virulence of the oyster pathogen <i>Vibrio coralliilyticus</i>	Aquaculture	Chicago C	9:00	9:15	1/22/23
3	12	Hanson	Elucidation of virulence-associated proteins encoded by <i>Flavobacterium covaie</i> , an important channel catfish pathogen	Aquaculture	Chicago C	9:15	9:30	1/22/23
3	13	Hanson	Microcystin-LR exposure predisposes channel catfish to bacterial diseases	Aquaculture	Chicago C	9:30	9:45	1/22/23
4	15	Cargnin Faccin	Development of a modified live attenuated influenza virus vaccine against H9N2 for poultry	Vaccinology 1	Chicago D	8:30	8:45	1/22/23
4	16	Choudhary	Optimization of an intrauterine (i.u.) vaccine against porcine epidemic diarrhea virus (PEDV) in piglets	Vaccinology 1	Chicago D	8:45	9:00	1/22/23
4	17	Chowdhury	A PRV vectored PCV2/CSFV-sub vaccine protects pigs against lethal CSFV challenge and failed to replicate in TG	Vaccinology 1	Chicago D	9:00	9:15	1/22/23
4	18	Chand	Evaluation of local innate immune responses induced by novel cyclic polyphosphazene, and other adjuvants in pigs	Vaccinology 1	Chicago D	9:15	9:30	1/22/23
4	19	Khatooni	Employing artificial intelligent, computational simulations, and molecular docking for developing PRRSV vaccine	Vaccinology 1	Chicago D	9:30	9:45	1/22/23
5	21	Bettin	Kinome analysis reveals age-dependent mechanisms of TLR7/8 induced signaling in porcine gamma-delta T cells.	Immunology 1	Chicago E	8:30	8:45	1/22/23
5	22	Wiarda	Regional specialization of intraepithelial T cells and microbiota in the pig intestinal tract	Immunology 1	Chicago E	8:45	9:00	1/22/23
5	23	Liu	An alternative cell culturing method to improve antigen-specific IFN γ responses to <i>Lawsonia intracellularis</i> protein	Immunology 1	Chicago E	9:00	9:15	1/22/23
5	24	Kandel	Differential expression of CD45RO and CD45RA in bovine T cells	Immunology 1	Chicago E	9:15	9:30	1/22/23
5	25	Dolbec	IgM antibodies play a major role in the elimination of <i>Streptococcus suis</i>	Immunology 1	Chicago E	9:30	9:45	1/22/23
6	27	Caceres	Antigenic map of the hemagglutinin of influenza A virus of the H9 subtype	Virology 1	Chicago F/G	8:30	8:45	1/22/23
6	28	Kim	A panel of pig macrophage-derived cell clones that differs in ability to support various steps of PRRSV replication	Virology 1	Chicago F/G	8:45	9:00	1/22/23
6	29	Thieulent	Rapid detection of equine CXCL16 allelic variants associated with equine arteritis virus persistence	Virology 1	Chicago F/G	9:00	9:15	1/22/23
6	30	Lorusso	Diagnosis and characterization of a novel strain of EHDV-8 in Tunisia in 2021	Virology 1	Chicago F/G	9:15	9:30	1/22/23
6	31	Carpenter	Characterizing the effect of coinfection ratios on bluetongue virus reassortment in <i>Culicoides sonorensis</i>	Virology 1	Chicago F/G	9:30	9:45	1/22/23
7	33	Ward	Spatial Epidemiology: Pushing the Boundaries	AVEPM - Schwabe Symposium	Salon II	10:30	11:15	1/22/23
7	34	Stevenson	Veterinary epidemiology: A vision of the future	AVEPM - Schwabe Symposium	Salon II	11:15	12:00	1/22/23
8	35	Thompson	Comparing the variation in measures of IgG and serum total protein in neonatal calf serum	General Health & Physiology 2	Chicago A/B	10:30	10:45	1/22/23
8	36	Shrestha	Effect of hemolysis on goat serum antibody testing by ELISA	General Health & Physiology 2	Chicago A/B	10:45	11:00	1/22/23
8	37	Woodruff	Veterinary student proficiency and time efficiency in canine and feline ovariohysterectomies	General Health & Physiology 2	Chicago A/B	11:00	11:15	1/22/23
8	38	Gunderson	A survey of Southeast beef veterinarians regarding methods of bull breeding soundness evaluation	General Health & Physiology 2	Chicago A/B	11:15	11:30	1/22/23
8	39	Uribe Corrales	Colombian Creole Horse: Frequency of oral and motor stereotypies	General Health & Physiology 1	Chicago A/B	11:30	11:45	1/22/23
8	40	Kolar	The effect supplementation with <i>Saccharomyces cerevisiae</i> fermentation product on mammary immune cell populations	General Health & Physiology 2	Chicago A/B	11:45	12:00	1/22/23
9	41	Chowdhury	Novel BoHV-1-Vectored Rift Valley fever virus-Sub Vaccine Induces RVFV-Specific Neutralizing Antibodies in Calves	Vaccinology 2	Chicago D	10:30	10:45	1/22/23
9	42	Angelos	Prevention of bovine pinkeye by intranasal vaccination with <i>Moraxella</i> spp. antigens	Vaccinology 2	Chicago D	10:45	11:00	1/22/23
9	43	Barbosa	Functional and structural characterization of potential immunogenic proteins of pathogenic <i>Leptospira</i>	Vaccinology 2	Chicago D	11:00	11:15	1/22/23
9	44	Wilson	Protective efficacy of an intramuscular subunit vaccine for <i>Lawsonia intracellularis</i> in pigs	Vaccinology 2	Chicago D	11:15	11:30	1/22/23
9	45	Alenton	Overcoming roadblocks for RNA-targeted antiviral therapy in shrimp through an orally-delivered shrimp viral vector	Vaccinology 2	Chicago D	11:30	11:45	1/22/23
9	46	Rajeev	Identification of potentially immunogenic peptide epitopes from <i>Ehrlichia canis</i> and <i>Anaplasma platys</i>	Vaccinology 2	Chicago D	11:45	12:00	1/22/23
10	47	Thelen	Mast cell histamine mediates intestinal inflammation to early weaning in piglets via histamine 2 receptor (H2R)	Immunology 2	Chicago E	10:30	10:45	1/22/23
10	48	Thoresen	Application of mRNA to bovine preputial epithelium induces expression of antibodies against <i>Trichostrongylus axei</i>	Immunology 2	Chicago E	10:45	11:00	1/22/23
10	49	Holmes	Mucosal and systemic secretion of antileukoproteinase during equine inflammation	Immunology 2	Chicago E	11:00	11:15	1/22/23
10	50	Van de Walle	Impact of equine mesenchymal stromal cell secretome on innate immune response during wound healing	Immunology 2	Chicago E	11:15	11:30	1/22/23
10	51	Samuel	Trained immunity in bovine innate cell populations followed by subcutaneous BCG administration	Immunology 2	Chicago E	11:30	11:45	1/22/23
10	52	Mavangira	Soluble epoxide hydrolase activity from various cells in an in-vitro model of bovine coliform mastitis	Immunology 2	Chicago E	11:45	12:00	1/22/23
11	53	Klaeui	<i>Lawsonia intracellularis</i> does not activate canonical Wnt signaling in cell lines in vitro or in swine intestine	Disease Pathogenesis 1	Chicago F/G	10:30	10:45	1/22/23
11	54	Kwon	Gene editing of pigs to control swine influenza virus infections	Disease Pathogenesis 1	Chicago F/G	10:45	11:00	1/22/23
11	55	Rawal	Experimental study comparing contemporary and historical PRCV isolates with and without subsequent IAV infection	Disease Pathogenesis 1	Chicago F/G	11:00	11:15	1/22/23
11	56	Wang	A polymerase mutation of genotype 3 hepatitis E virus enhances virus replication in a rabbit HEV infection model	Disease Pathogenesis 1	Chicago F/G	11:15	11:30	1/22/23
11	57	Mansfield	<i>Lactobacillus murinus</i> activated the aryl hydrocarbon receptor but failed to attenuate <i>Campylobacter</i> -induced colitis	Disease Pathogenesis 1	Chicago F/G	11:30	11:45	1/22/23
11	58	Mazumdar	Host FBXO22 enhances uptake of <i>Bruceella</i> by macrophages and promotes secretion of pro-inflammatory cytokines	Disease Pathogenesis 1	Chicago F/G	11:45	12:00	1/22/23
12	59	Goldberg	Adrift in the Virosphere: Animal Health in the Age of Viral Metagenomics	CRWAD Council Keynote	Salon II	2:00	2:45	1/22/23
12	60	Lamb	The impact of COVID on agricultural research	CRWAD Special Symposium	Salon II	3:00	3:45	1/22/23
13	61	McCullough	What happened? COVID-19 and the meat industry	CRWAD Special Symposium	Salon II	4:15	5:00	1/22/23
13	62	Noyes	Conducting research during a global pandemic: musings of an early career scientist	CRWAD Special Symposium	Salon II	5:00	5:45	1/22/23
14	63	Lu	Heterologous prime-boost vaccination: from COVID-19 to HIV	Animal Vaccinology Network	Salon II	8:30	9:15	1/23/23
14	64	Nguyen	Time-release microneedle-based vaccine platforms	Animal Vaccinology Network	Salon II	9:15	10:00	1/23/23
15	65	Roozitalab	Effect of veterinary feed directive regulation on violative antibiotic residues in tissues of food animals in the US	Food Safety	Chicago A/B	8:30	8:45	1/23/23
15	66	Sodagari	Comparison of antimicrobial resistance among <i>Salmonella</i> serovars isolated from Canadian turkey flocks, 2013-2021	Food Safety	Chicago A/B	8:45	9:00	1/23/23
15	67	Nickodem	Natural and targeted bacteriophage treatments as a <i>Salmonella</i> pre-harvest mitigation technique in cattle feedlots	Food Safety	Chicago A/B	9:00	9:15	1/23/23
15	68	Lauder	Prevalence of Shiga toxin genes in <i>E. coli</i> DNA extracted from finisher pig feces in Illinois, USA	Food Safety	Chicago A/B	9:15	9:30	1/23/23

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
15	69	Tabashsum	Ex vivo evaluation of modified probiotic metabolites with prebiotic like components against Campylobacter	Food Safety	Chicago A/B	9:30	9:45	1/23/23
15	70	Edache	Use of a postbiotic product to reduce Salmonella prevalence in the peripheral lymph nodes of cull dairy cattle	Food Safety	Chicago A/B	9:45	10:00	1/23/23
16	71	Vogel	Development of electrochemical sensors for on-farm detection of bovine infections	Diagnostic Testing	Chicago C	8:30	8:45	1/23/23
16	72	Aravamuthan	Performance evaluation for the real-time detection of digital dermatitis in dairy cattle on edge devices	Diagnostic Testing	Chicago C	8:45	9:00	1/23/23
16	73	Ramasamy	Antigen cartography for the determination of historical SARS-CoV-2 variant exposure in animals using serology	Diagnostic Testing	Chicago C	9:00	9:15	1/23/23
16	74	Stanton	MiniON-based semi-targeted PCR-Seq of infectious bronchitis viruses: balancing inclusivity and sensitivity	Diagnostic Testing	Chicago C	9:15	9:30	1/23/23
16	75	Shrestha	Effect of swab retention in MTM on detection of ASF virus DNA in blood swab samples	Diagnostic Testing	Chicago C	9:30	9:45	1/23/23
16	76	Woodruff	Sensitivity of standing fecal flotation in hookworm identification in fecal aliquots from shelter canines	Diagnostic Testing	Chicago C	9:45	10:00	1/23/23
17	77	Strong	National surveillance of antimicrobial use in Canadian feedlots to date	Antimicrobial Use 1	Chicago D	8:30	8:45	1/23/23
17	78	Butters	Surveillance of antimicrobial resistance in bovine respiratory disease pathogens on Canadian feedlots	Antimicrobial Use 1	Chicago D	8:45	9:00	1/23/23
17	79	Smock	Targeted metaphylaxis using rectal or infrared temperature in high-risk steers during the feedlot receiving period	Antimicrobial use 1	Chicago D	9:00	9:15	1/23/23
17	80	Awosile	Correlation between cephem and blaCMY-2 resistance in S. enterica and E. coli from human and food animal sources	Antimicrobial Use 1	Chicago D	9:15	9:30	1/23/23
17	81	Rahman	β -lactamase genes in Enterobacteriaceae from the food animal and human surveillance programs in the United States	Antimicrobial Use 1	Chicago D	9:30	9:45	1/23/23
17	82	Locke	Prevalence and relatedness of Salmonella recovered from Ohio and Wisconsin livestock markets	Antimicrobial Use 1	Chicago D	9:45	10:00	1/23/23
18	83	Welch	Prevalence of Q fever antibodies in a large study of domestic goat does in the USA and associated risk factors	Epidemiology 1	Chicago E	8:30	8:45	1/23/23
18	84	Burton	Prevalence and seasonality of Bluetongue Virus on the Front Range of Colorado in domestic ruminants during 2021	Epidemiology 1	Chicago E	8:45	9:00	1/23/23
18	85	Urig	True prevalence and predictive value of FeLV and FIV virus test results among northern Mississippi shelter cats	Epidemiology 1	Chicago E	9:00	9:15	1/23/23
18	86	Julianingsih	Causative agents for fowl typhoid and pullorum disease in poultry and approach to control	Epidemiology 1	Chicago E	9:15	9:30	1/23/23
18	87	Riley	Prevalence and contributing factors of enteric parasites in cats and dogs on intake to Mississippi shelters	Epidemiology 1	Chicago E	9:30	9:45	1/23/23
19	89	Germann	Understanding Ontario horse owners' attitudes and perceptions towards biosecurity during the COVID-19 pandemic	Biosecurity & Infection Control 1	Chicago F/G	8:30	8:45	1/23/23
19	90	Agrawal	Illinois veterinarians' attitudes, knowledge, and practices toward biosecurity	Biosecurity & Infection Control 1	Chicago F/G	8:45	9:00	1/23/23
19	91	Baye	Enhancing food sustainability through reducing the risk of transboundary animal diseases.	Biosecurity & Infection Control 1	Chicago F/G	9:00	9:15	1/23/23
19	92	Zia	Discovering Leverage Points for Enhancing Biosecurity in Swine Production Networks Using Agent Based Models	Biosecurity & Infection Control 1	Chicago F/G	9:15	9:30	1/23/23
19	93	Agrawal	Understanding swine producers' and veterinarians' biosecurity perception and practices: a scoping review	Biosecurity & Infection Control 1	Chicago F/G	9:30	9:45	1/23/23
19	94	Jasper	I have gloves!: Food animal veterinarians' perceptions of zoonotic disease risks and prevention	Biosecurity & Infection Control 1	Chicago F/G	9:45	10:00	1/23/23
20	95	Roof	Emerging technology and potential applications in animal health	Animal Vaccinology Network	Salon II	10:30	11:00	1/23/23
21	97	Chakraborty	A systematic review of impacts of cattle on human risk of exposure to vector-borne diseases	One Health / Public Health	Chicago A/B	10:30	10:45	1/23/23
21	98	Jackson	Invasive plants as risk factors for tickborne disease in humans and livestock	One Health / Public Health	Chicago A/B	10:45	11:00	1/23/23
21	99	Johnson	Ecology of avian Escherichia coli across niches and in response to vaccination	One Health / Public Health	Chicago A/B	11:00	11:15	1/23/23
21	100	Butters	Genetic relatedness and antimicrobial resistance carriage of Escherichia coli isolates in a One Health continuum	One Health & Public Health	Chicago A/B	11:15	11:30	1/23/23
22	103	Loving	Alternatives to Antibiotics: neonatal immunomodulation to improve disease resistance in animals	Antimicrobial Alternatives	Chicago C	10:30	10:45	1/23/23
22	104	Zeng	Inhibition of protease RseP sensitizes polymyxin resistant Gram-negative bacteria	Antimicrobial Alternatives	Chicago C	10:45	11:00	1/23/23
22	105	Zhang	Epigenetic regulation of host defense peptide synthesis	Antimicrobial Alternatives	Chicago C	11:00	11:15	1/23/23
22	106	Cornejo	Bovine Myeloid Antimicrobial Peptide-28 (BMAP-28) MIC for Mannheimia haemolytica and combination with florfenicol	Antimicrobial Alternatives	Chicago C	11:15	11:30	1/23/23
22	107	Vinayamohan	Impact of sublethal biocide exposure on antibiotic resistance gene transfer in Salmonella	Antimicrobial Alternatives	Chicago C	11:30	11:45	1/23/23
23	109	Madrid	A single cell analysis of pulmonary leukocytes in pigs	Immunology 3	Chicago D	10:30	10:45	1/23/23
23	110	Tuggle	Annotating cell transcriptomes in four immune tissues to establish a porcine single-cell immune atlas	Immunology 3	Chicago D	10:45	11:00	1/23/23
23	111	Yoo	Nonstructural protein 1-beta of PRRSV suppresses PML protein expression and promotes viral replication	Immunology 3	Chicago D	11:00	11:15	1/23/23
23	112	Su	Immune outcome of IFN suppression-negative and NF- κ B activation-negative PRRSV infection in vitro and in vivo	Immunology 3	Chicago D	11:15	11:30	1/23/23
23	113	Franco	Dietary zinc and BRD effects on intracellular zinc concentration and transporter expressions in bovine immune cells	Immunology 3	Chicago D	11:30	11:45	1/23/23
23	114	Cohen	Passive immunization against rhodococcal roal pneumonia using nebulized mRNA	Immunology 3	Chicago D	11:45	12:00	1/23/23
24	115	Tomlinson	Prevalence and pathology of equine parvovirus-hepatitis in racehorses from New York racetracks	Epidemiology 2	Chicago E	10:30	10:45	1/23/23
24	116	Tomlinson	Chronic hepatitis in horses with Equine Hepacivirus infection	Epidemiology 2	Chicago E	10:45	11:00	1/23/23
24	117	Johnson	A survey of gastrointestinal nematodes (GIN) in North American bison (Bison bison bison), a 2023 update.	Epidemiology 2	Chicago E	11:00	11:15	1/23/23
24	118	Chen	Survey on Anaplasma marginale on grazing Beef Operations in California	Epidemiology 2	Chicago E	11:15	11:30	1/23/23
24	119	de Souza Ferreira	Apparent prevalence of hemotropic mycoplasma infection in Michigan dairy calves	Epidemiology 2	Chicago E	11:30	11:45	1/23/23
24	120	Bickmeier	Pregnancy success among eastern Kansas beef cows infected with Anaplasma marginale and/or Bovine Leukemia Virus	Epidemiology 2	Chicago E	11:45	12:00	1/23/23
25	121	Sun	The role of bile metabolism disorder and inflammation on chicken necrotic enteritis	Disease Pathogenesis 2	Chicago F/G	10:30	10:45	1/23/23
25	122	Cao	Oral administration of microplastic polystyrene increased incidence of woody breast myopathy in broilers	Disease Pathogenesis 2	Chicago F/G	10:45	11:00	1/23/23
25	123	Alenezi	Cloning and expressing microbial bile acid metabolizing enzymes to reduce Clostridium perfringens infection	Disease Pathogenesis 2	Chicago F/G	11:00	11:15	1/23/23
25	124	Jarosinski	The role of the conserved alphaherpesvirus glycoprotein C in host-to-host transmission	Disease Pathogenesis 2	Chicago F/G	11:15	11:30	1/23/23
25	125	Jarosinski	Marek's disease herpesvirus UL13, virion protein US10, and cellular LY6E in horizontal transmission	Disease Pathogenesis 2	Chicago F/G	11:30	11:45	1/23/23
25	126	Westrich	Longitudinal viral progression and immunological responses to Bluetongue virus in experimentally infected ruminants	Disease Pathogenesis 2	Chicago F/G	11:45	12:00	1/23/23
26	127	Inzana	Development of "intelligently-designed" vaccines based on understanding of bacterial pathogenesis and host response	ACVM - Featured Speakers	Salon II	2:00	2:45	1/23/23
26	128	Caswell	Inflammation and innate immune tolerance in the pathogenesis of bovine respiratory disease and Mycoplasma bovis pneumonia	ACVM - Featured Speakers	Salon II	2:45	3:30	1/23/23
27	129	Young	Microbial community structure of the gastrointestinal tract of beef cattle in relation to liver abscess occurrence	Omics 1	Chicago A/B	2:00	2:15	1/23/23
27	130	Pinnell	Fusobacteria or Bacteroidetes? Microbial communities in bovine liver abscesses arise from throughout the gut	Omics 1	Chicago A/B	2:15	2:30	1/23/23
27	131	Meneguzzi	Simultaneous long-read sequencing of porcine viral pathogens from field samples through TELSVirus workflow	Omics 1	Chicago A/B	2:30	2:45	1/23/23
27	132	Gaire	Pooled piglet fecal samples accurately reflect individual-level fecal microbial composition	Omics 1	Chicago A/B	2:45	3:00	1/23/23
27	133	Bechtol Wuest	Is sequencing of pooled nasal swab samples effective for characterizing DNA for microbial community structures?	Omics 1	Chicago A/B	3:00	3:15	1/23/23
27	134	Doster	Updates to the MEGARes v3.0 database and its associated AMR++ bioinformatic pipeline for resistome analysis	Omics 1	Chicago A/B	3:15	3:30	1/23/23
28	135	Machado	Predictive models for metritis cure using farm collected data and hematological variables measured at diagnosis	Modeling, Methods, & Study Design	Chicago C	2:00	2:15	1/23/23
28	136	Prim	Application of Behavior Data to Predict Metritis Self-cure and Treatment Failure in Dairy Cows	Modeling, Methods, & Study Design	Chicago C	2:15	2:30	1/23/23
28	137	Wang	Connecting disjoint trial networks with a new trial: optimizing the estimation of a comparative effect in a NMA	Modeling, Methods, & Study Design	Chicago C	2:30	2:45	1/23/23

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
28	138	Tamm	Surveillance of Mannheimia haemolytica through novel group-based sampling and molecular detection	Modeling, Methods, & Study Design	Chicago C	2:45	3:00	1/23/23
29	141	Aarattuthodi	Efficacy determination of an attenuated vaccine against channel catfish virus	Vaccinology 3	Chicago D	2:00	2:15	1/23/23
29	142	Lara	Field trial experience with an intranasal nonpathogenic novel vaccine against PRRS.	Vaccinology 3	Chicago D	2:15	2:30	1/23/23
29	143	Ferm	A modified live vaccine protects cattle against Anaplasma marginale transmitted by Dermacentor variabilis ticks	Vaccinology 3	Chicago D	2:30	2:45	1/23/23
29	144	Mahmoud	Role of rel, regulator of the stringent response, in establishment of persistent infections by mycobacteria	Vaccinology 3	Chicago D	2:45	3:00	1/23/23
29	145	Lima	Self-destructing attenuated Salmonella strains: innate immunity activators to improve food safety and animal health	Vaccinology 3	Chicago D	3:00	3:15	1/23/23
29	146	Petro-Turnquist	Adenoviral-vectored epigraph vaccine induces robust and durable immunity against H3 Influenza A Virus in swine	Vaccinology 3	Chicago D	3:15	3:30	1/23/23
30	147	Cummings	Novel approaches to define Salmonella Dublin transmission dynamics and improve disease control in dairy cattle	Epidemiology 3	Chicago E	2:00	2:15	1/23/23
30	148	Barua	Serological and molecular survey of SARS-CoV-2 in deer in Alabama, USA	Epidemiology 3	Chicago E	2:15	2:30	1/23/23
30	149	Hite	Effects of feed withdrawal prior to transport on pathogen transmission and virulence evolution	Epidemiology 3	Chicago E	2:30	2:45	1/23/23
30	150	Burgess	Are we teaching too much? Epidemiology education in the veterinary curricula	Epidemiology 3	Chicago E	2:45	3:00	1/23/23
30	152	Locke	Prevalence and sources of Salmonella lymph node infection in special-fed veal calves	Epidemiology 3	Chicago E	3:15	3:30	1/23/23
31	153	Leon Moreno	Evaluation of mitigation strategies to reduce bioaerosols in cattle feedyards	Biosecurity & Infection Control 2	Chicago F/G	2:00	2:15	1/23/23
31	154	Wang	Preventing particle bounce while preserving virus viability to improve the characterization of virus-laden aerosols	Biosecurity & Infection Control 2	Chicago F/G	2:15	2:30	1/23/23
31	155	Alvarez-Norambuena	Evaluation of hand sanitation protocols on detection of swine influenza in hands of workers	Biosecurity & Infection Control 2	Chicago F/G	2:30	2:45	1/23/23
31	156	Chakma	Factors influencing the avian influenza A/H5 environmental contamination at live bird markets in Dhaka, Bangladesh	Biosecurity & Infection Control 2	Chicago F/G	2:45	3:00	1/23/23
31	157	Smith	Optimizing Testing Frequency for Infectious Disease Control	Biosecurity & Infection Control 2	Chicago F/G	3:00	3:15	1/23/23
31	158	Nemechek	Animal contact outbreaks of Salmonella and Shiga Toxin-Producing Escherichia coli — United States, 2017–2021	Biosecurity & Infection Control 2	Chicago F/G	3:15	3:30	1/23/23
32	159	Perez-Casal	Challenges on developing a vaccine for protection against Mycoplasma bovis respiratory disease in cattle	ACVM - Featured Speakers	Salon II	4:15	5:00	1/23/23
32	160	McGill	Immunomodulation strategies to prevent and reduce bovine respiratory syncytial virus infection in preweaned calves	ACVM - Featured Speakers	Salon II	5:00	5:45	1/23/23
33	161	Slizovskiy	Showering as a biosecurity intervention to disrupt work-related shifts in swine worker skin microbiomes	Omics 2	Chicago A/B	4:15	4:30	1/23/23
33	162	Green	Transcriptome analysis of beef cattle reveals influence of marketing on bovine respiratory disease risk	Omics 2	Chicago A/B	4:30	4:45	1/23/23
33	163	McDanel	Characterization of the respiratory microbiome and virome associated with Bovine Respiratory Disease Complex	Omics 2	Chicago A/B	4:45	5:00	1/23/23
33	164	Wynn	Whole genome sequencing of Moraxella bovis strains reveals two genotypes with different genetic determinants	Omics 2	Chicago A/B	5:00	5:15	1/23/23
33	165	Sommer	Stable flies harbor a low complexity microbiota dominated by mastitis-associated bacteria	Omics 2	Chicago A/B	5:15	5:30	1/23/23
33	166	Roozitalab	Complete genome sequence of a novel Canine Distemper Virus strain, Isolated from a Fox in United States	Omics 2	Chicago A/B	5:30	5:45	1/23/23
34	167	McClurg	Does antimicrobial-free beef production reduce transmission of resistant bacteria to human consumers?	Antimicrobial Use 2	Chicago D	4:15	4:30	1/23/23
34	168	Murphy	Ionophore use in food animal production and potential impacts on human and animal health: a scoping review	Antimicrobial Use 2	Chicago D	4:30	4:45	1/23/23
34	169	Magiri	Trends of human and veterinary antimicrobial consumption in Fiji from a "one health" perspective	Antimicrobial Use 2	Chicago D	4:45	5:00	1/23/23
34	170	Singer	On-farm monitoring of antimicrobial use and resistance in U.S. broiler production: 2020-2021	Antimicrobial Use 2	Chicago D	4:50	5:15	1/23/23
35	173	Hong	Altered cytokine and gene expression in vitamin A deficient mice after RSV infection and vitamin A supplementation	Immunology 4	Chicago E	5:15	4:30	1/23/23
35	174	Chitko-McKown	First description of LPS-treated, pen-housed feeder cattle as a model of bacterial infection	Immunology 4	Chicago E	4:30	4:45	1/23/23
35	175	Jacobson	Impaired alveolar macrophage phagocytosis contributes to bacterial persistence in M. ovipneumoniae infected sheep	Immunology 4	Chicago E	4:45	5:00	1/23/23
35	176	Fries-Craft	Performance and immunometabolic responses to assess dietary anti-IL-10 on enteric disease outcomes in chickens	Immunology 4	Chicago E	5:00	5:15	1/23/23
35	177	Touchard	Multicolor flow cytometry panels for immunophenotyping pig leukocytes	Immunology 4	Chicago E	5:15	5:30	1/23/23
35	178	Holmes	Identification of granulysin in the mucosal immune response to Equine herpesvirus type 1 (EHV-1) infection	Immunology 4	Chicago E	5:30	5:45	1/23/23
36	179	Kim	Inhibition of protein glycosylation blocks PRRSV and swine influenza virus replication	Virology 2	Chicago F/G	4:15	4:30	1/23/23
36	180	Cardenas	Multiple transmissions of human influenza A virus in pigs leads to improved replication	Virology 2	Chicago F/G	4:30	4:45	1/23/23
36	181	Zabiegala	Entry of pseudoviruses carrying SARS-CoV and SARS-CoV-2 S protein into cells expressing human and animal ACE2	Virology 2	Chicago F/G	4:45	5:00	1/23/23
36	182	Kincade	BVDV compromises fetal immune organ development leading to post-natal health consequences: 2023	Virology 2	Chicago F/G	5:00	5:15	1/23/23
36	183	Hemida	MicroRNAs as genetic markers for bovine coronavirus (BCoV) infection	Virology 2	Chicago F/G	5:15	5:30	1/23/23
36	184	Yadav	Expanding host range and cross species transmission potential of Rocahepevirus ratti	Virology 2	Chicago F/G	5:30	5:45	1/23/23
37	185	Woolums	Applied research to enhance resistance to respiratory disease in cattle	AAVI - Featured Speakers	Salon II	8:30	9:15	1/24/23
37	186	Nelli	3D organotypic cell cultures – an alternative ex vivo infection model for animal research	AAVI - Featured Speakers	Salon II	9:15	10:00	1/24/23
38	187	Rodriguez	Use of reticuloruminal temperature to predict clinical mastitis in dairy cows challenged with Streptococcus uberis	Preventive Medicine	Chicago A/B	8:30	8:45	1/24/23
38	188	Pietrantonio	Towards novel acaricide development against cattle fever tick: GPCR chemical hits and neuropeptide physiology	Preventive Medicine	Chicago A/B	8:45	9:00	1/24/23
38	189	De Assis Rocha	Pharmacokinetics of Bumped Kinase Inhibitor-1708 in horses: a candidate for EPM treatment	Preventive Medicine	Chicago A/B	9:00	9:15	1/24/23
38	190	Fry	In vivo efficacy of tulathromycin and diclazuril against Theileria haneyi in horses	Preventive Medicine	Chicago A/B	9:15	9:30	1/24/23
38	191	Fries-Craft	Dietary anti-IL-10 impacts on enteric disease outcomes in chickens without early Salmonella exposure	Preventive Medicine	Chicago A/B	9:30	9:45	1/24/23
38	192	Johnson	Evaluating turkey-derived lactic acid producing bacteria as potential probiotics for use in commercial turkeys	Preventive Medicine	Chicago A/B	9:45	10:00	1/24/23
39	193	Gaonkar	Dissemination of antibiotic resistance genes across the food chain of commercial antibiotic-free poultry farms	Antimicrobial Use 3	Chicago D	8:30	8:45	1/24/23
39	194	Young	SNP profiling of poultry litter resistomes following in-feed oxytetracycline administration	Antimicrobial Use 3	Chicago D	8:45	9:00	1/24/23
39	195	Pang	Effect of enrofloxacin on cecal microbiota and metabolites of chickens challenged with Campylobacter jejuni	Antimicrobial Use 3	Chicago D	9:00	9:15	1/24/23
39	196	Portillo-Gonzalez	Antimicrobial quantification on dairy farms before and after the implementation of farmworker stewardship training	Antimicrobial Use 3	Chicago D	9:15	9:30	1/24/23
39	197	Alam	Quantifying Antimicrobial Use in Peri-Urban Dairy System of Pakistan	Antimicrobial Use 3	Chicago D	9:30	9:45	1/24/23
40	199	Ekakoro	An investigation of the differential diagnoses of African swine fever in pigs slaughtered in central Uganda	Epidemiology 4	Chicago E	8:30	8:45	1/24/23
40	200	Ekakoro	Clinical and pathological presentation of African swine fever in pigs slaughtered in central Uganda	Epidemiology 4	Chicago E	8:45	9:00	1/24/23
40	201	Neveau	Analysis of IAV transmission in large U.S. swine production systems using active surveillance	Epidemiology 4	Chicago E	9:00	9:15	1/24/23
40	202	Kerfua	A review on the occurrence of foot-and-mouth disease virus serotypes in Uganda and Tanzania (2003 to 2015)	Epidemiology 4	Chicago E	9:15	9:30	1/24/23
40	203	Wilson	Neonatal calf diarrhea case definitions: a scoping review	Epidemiology 4	Chicago E	9:30	9:45	1/24/23
41	205	Elder	Host-pathogen coevolution in a changing environment: Pathogen exposure and host performance	Disease Pathogenesis 3	Chicago F/G	8:30	8:45	1/24/23
41	206	Filipov	Rumen dynamics of volatile fatty acids and Epichloë coenophiala-produced ergovalin in steers grazing tall fescue	Disease Pathogenesis 3	Chicago F/G	8:45	9:00	1/24/23
41	207	McDaniel	Development of an experimental model for liver abscesses in calves using an acidotic diet and bacterial inoculation	Disease Pathogenesis 3	Chicago F/G	9:00	9:15	1/24/23
41	208	Strieder-Barboza	Depot-specific adipose tissue transcriptional alterations in transition dairy cows with subclinical ketosis	Disease Pathogenesis 3	Chicago F/G	9:15	9:30	1/24/23

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
41	209	Slate	Investigating the role of IL-17A in lung repair following Bovine Respiratory Syncytial Virus infection	Disease Pathogenesis 3	Chicago F/G	9:30	9:45	1/24/23
41	210	Kincade	Global epigenomic changes observed postnatally elucidate lifelong defects following fetal BVDV infection	Disease Pathogenesis 3	Chicago F/G	9:45	10:00	1/24/23
42	211	Cohen	Strategies for preventing rhodococcal foal pneumonia	AAVI - Featured Speakers	Salon II	10:30	11:15	1/24/23
42	212	Spackman	Highly pathogenic avian influenza in the US and approaches to control	AAVI - Featured Speakers	Salon II	11:15	12:00	1/24/23
43	214	Cao	The role of Hfq and sRNAs on gene expression and virulence in <i>Histophilus somni</i>	Bacteriology	Chicago A/B	10:30	10:45	1/24/23
43	215	Gelgie	Identification of virulence genes of <i>Mycoplasma bovis</i> by transposon mutation coupled with in vivo infection	Bacteriology	Chicago A/B	10:45	11:00	1/24/23
43	216	Ott	Egg components inhibit the transfer of antimicrobial resistance plasmids in vitro	Bacteriology	Chicago A/B	11:00	11:15	1/24/23
43	217	Vinayamohan	Prevalence and characterization of <i>Salmonella</i> in mesenteric lymph nodes of bob veal calves	Bacteriology	Chicago A/B	11:15	11:30	1/24/23
43	218	Burciaga	Comparison of MDR <i>Salmonella enterica</i> serovar Heidelberg outbreak isolates linked to dairy beef calves	Bacteriology	Chicago A/B	11:30	11:45	1/24/23
43	219	Fu	Specific bacteria biotransform bile acids to influence <i>Campylobacter jejuni</i> in vitro growth	Bacteriology	Chicago A/B	11:45	12:00	1/24/23
44	220	Elsakhawy	Antimicrobial genes in thermophilic <i>Bacillus paralicheniformis</i> associated with mobile elements	Antimicrobial Use 4	Chicago D	10:30	10:45	1/24/23
44	221	Crosby	Metaphylaxis increases prevalence of multidrug resistant <i>Mannheimia haemolytica</i> while improving health in stockers	Antimicrobial Use 4	Chicago D	10:45	11:00	1/24/23
44	222	Bigelow	Characterizing the influence of metaphylaxis for bovine respiratory disease on host transcriptome responses	Antimicrobial Use 4	Chicago D	11:00	11:15	1/24/23
44	223	Rahman	Predictive modeling of MICs of cephalosporin antibiotics from beta-lactamase resistance genes in Enterobacteriaceae	Antimicrobial Use 4	Chicago D	11:15	11:30	1/24/23
44	224	De Abreu	Evaluation of <i>Mycoplasma hyopneumoniae</i> antimicrobial resistance associated mutations in US contemporary isolates.	Antimicrobial Use 4	Chicago D	11:30	11:45	1/24/23
44	225	De Abreu	Molecular evaluation of <i>Mycoplasma hyopneumoniae</i> antimicrobial resistance in field specimens	Antimicrobial Use 4	Chicago D	11:45	12:00	1/24/23
45	226	Horton	Outcomes affected by metaphylaxis from a clinical trial of feedlot calves at medium-risk for respiratory disease	Epidemiology 5	Chicago E	10:30	10:45	1/24/23
45	227	McAtee	Comprehensive assessment of feedlot health interventions using outcomes research in a sustainability context	Epidemiology 5	Chicago E	10:45	11:00	1/24/23
45	228	Carlson	Effect of genetic selection for reduced heart failure risk on feedlot performance and carcass characteristics	Epidemiology 5	Chicago E	11:00	11:15	1/24/23
45	229	Reif	Investigation of chronic <i>Anaplasma marginale</i> infection and breeding soundness in beef bulls	Epidemiology 5	Chicago E	11:15	11:30	1/24/23
45	230	Goncalves	Prevalence of methicillin-resistant and susceptible <i>Staphylococci</i> spp. in bulk tank milk from dairy farms in Michigan	Epidemiology 5	Chicago E	11:30	11:45	1/24/23
45	231	Bourassi	Multilevel modeling: Association between bovine leukosis proviral load and dairy production parameters	Epidemiology 5	Chicago E	11:45	12:00	1/24/23
46	232	Redding	Infrequent intra-household transmission of <i>Clostridioides difficile</i> between pet owners and their pets	Zoonoses	Chicago F/G	10:30	10:45	1/24/23
46	233	Stapleton	Investigating multistate <i>Salmonella</i> outbreaks linked to backyard poultry - Detection, data, and partners	Zoonoses	Chicago F/G	10:45	11:00	1/24/23
46	234	Prezioso	Understanding close contact between humans and white-tailed deer in Illinois: a survey study	Zoonoses	Chicago F/G	11:00	11:15	1/24/23
46	235	Hall	Hunters behavior change preferences based on risk of tuberculosis and brucellosis from wood bison in Canada.	Zoonoses	Chicago F/G	11:15	11:30	1/24/23
46	236	Herring	Emergence and mitigation of carbapenem-resistant <i>Escherichia coli</i> in a small animal veterinary teaching hospital	Zoonoses	Chicago F/G	11:30	11:45	1/24/23