

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
29	143	Abdi RD	Genetic variation of fecal <i>E. coli</i> from shelter dogs, raccoons, and opossums by fimH sequence typing	One Health / Public Health 2	Chicago C	2:30	2:45	1/22/24
36	179	AboElkhair M	The effect of co-infection of infectious bronchitis virus on virulence of AIV H9N2 in birds: An in-silico analysis	Virology 4	Chicago D	4:15	4:30	1/22/24
32	162	Abou-Rjeileh U*	Oleic acid enhances lipid accumulation and improves mitochondrial function in bovine adipocytes	General Health & Physiology 2	Chicago F/G	2:45	3:00	1/22/24
29	144	Abuhamdieh H	Seroprevalence of <i>Toxoplasma gondii</i> in goats & associated risk factors	One Health / Public Health 2	Chicago C	2:45	3:00	1/22/24
5	22	Adkins PRF	Using MALDI-TOF mass spectrometry to determine <i>Staphylococcus chromogenes</i> strain types	Epidemiology 1	Chicago E	8:45	9:00	1/21/24
3	9	Agrawal I	Biosecurity education for livestock producers: a data-driven evaluation with google analytics	Biosecurity & Infection Control 1	Chicago C	8:30	8:45	1/21/24
49	250	Agrawal I*	Space-time clustering and climatic risk factors for lumpy skin disease of cattle in Uttar Pradesh, India, 2021-2022	Epidemiology 5	Chicago E	10:45	11:00	1/23/24
6	30	Alrubaye B	The effects of microbiota, bile acids, and pH on <i>Campylobacter jejuni</i> in vitro growth	Bacteriology	Chicago F/G	9:15	9:30	1/21/24
20	96	Alrubaye B	The effect of bile acids cultured with specific bacteria on <i>Clostridium perfringens</i> growth	Host-Pathogen Interaction	Chicago F/G	8:45	9:00	1/22/24
35	175	Andrew K	Increasing the speed of large scale agent based models of porcine disease transfer using computational acceleration	Biosecurity & Infection Control 2	Chicago C	4:45	5:00	1/22/24
42	212	Angelos J	Bovine ocular immune responses after vaccination with Carbigen®+Emulsigen®-D- adjuvanted <i>Moraxella bovis</i> cytotoxin	Vaccinology 3	Chicago D	8:45	9:00	1/23/24
29	145	Areda D	Cluster data analysis in epidemiologic studies: application of mixed effect model to predict pandemic COVID-19 outbreaks in areas with inadequate healthcare services	One Health / Public Health 2	Chicago C	3:00	3:15	1/22/24
47	241	Arevalo-Mayorga A*	Detection of <i>Salmonella</i> Dublin from environmental samples by end point multiplex PCR	Biosecurity & Infection Control 3	Chicago C	11:30	11:45	1/23/24
2	7	Aworh MK	Detection of antimicrobial resistance in <i>Escherichia coli</i> isolated from retail meat products in North Carolina	Antimicrobial Use & Resistance 1	Chicago A/B	9:30	9:45	1/21/24
19	93	Babatunde TP*	Bovine epithelial and immune cells express IL-36 in response to toll-like receptor agonists and viral infection	Immunology 1	Chicago E	9:30	9:45	1/22/24
12	61	Barragan A	Pre-partum acetylsalicylic acid in dairy cattle: Effects on metabolism, health, and performance	General Health & Physiology 1	Chicago F/G	11:00	11:15	1/21/24
3	10	Baye RS*	Enhancing food security: Assessing biosecurity attitudes and decision-making strategies of swine producers	Biosecurity & Infection Control 1	Chicago C	8:45	9:00	1/21/24
27	165	Beck B	Prevention and control of diseases in aquaculture species	Animal Vaccinology Research Network	Salon II	2:00	2:45	1/22/24
22	103	Bhandari M*	Efficacy of <i>Lactacaseibacillus rhamnosus</i> GG in mitigating effects of <i>Salmonella</i> infection in chickens	Antimicrobial Alternatives	Chicago A/B	10:30	10:45	1/22/24
20	95	Bimczok D	Pathogen delivery route impacts disease severity in <i>Mycoplasma ovipneumoniae</i> and <i>Mannheimia haemolytica</i> coinfection	Host-Pathogen Interaction	Chicago F/G	8:30	8:45	1/22/24
8	36	Bishop R	Quantification of calprotectin and myeloperoxidase in equine feces by ELISA: a validation study	Diagnostic Testing 1	Chicago A/B	10:45	11:00	1/21/24
25	122	Bordin A	Induction of innate immunity by enteral virulent and avirulent <i>R. equi</i> in foals	Immunology 2	Chicago E	10:45	11:00	1/22/24
25	123	Bordin A	Low serum activities of C1q and anti- <i>R. equi</i> IgG1 predict rhodococcal pneumonia	Immunology 2	Chicago E	11:00	11:15	1/22/24
16	71	Botero Y	Investigating the effects of dietary and management modifications on <i>Salmonella enterica</i> population in harvest-ready beef cattle	Food Safety	Chicago A/B	8:30	8:45	1/22/24
45	229	Bowman A	SARS-CoV-2 spillovers across the human-animal interface	ACVM - Featured Speakers	Salon II	10:30	11:15	1/23/24
16	76	Bradley S*	Identification of multi-serotype <i>Salmonella</i> populations in beef cattle samples using CRISPR-SeroSeq	Food Safety	Chicago A/B	9:45	10:00	1/22/24
40	204	Bradshaw DJ	Comparison of the genetic content and arrangement between <i>Salmonella enterica</i> serovars <i>Sentenberg</i> and <i>Infantis</i>	"Omics" 2	Chicago A/B	9:45	10:00	1/23/24
49	254	Brindle J	Factors influencing Ontario dairy veterinarians' management and care of down dairy cattle	Epidemiology 5	Chicago E	11:45	12:00	1/23/24
36	184	Broadbent AJ	Characterizing infectious bursal disease virus (IBDV) reassortment and antigenic drift in the USA	Virology 4	Chicago D	5:30	5:45	1/22/24
33	133	Browning G	Vaccines - critical components of effective veterinary microbial stewardship	Animal Vaccinology Research Network	Salon II	4:15	5:00	1/22/24
50	260	Buckley M	Milk and tissue residue depletion of two dry-cow intramammary antimicrobials in dairy goats	General Health & Physiology 4	Chicago F/G	11:45	12:00	1/23/24
46	233	Buckley MP	Evaluation of efficacy and antimicrobial resistance of two dry-cow intramammary antimicrobials in dairy goats	Antimicrobial Use & Resistance 3	Chicago A/B	11:00	11:15	1/23/24
49	251	Burton M	Initial detection and spread of bluetongue virus serotype 6 (BTV-6) in wild and domestic ruminants in Colorado	Epidemiology 5	Chicago E	11:00	11:15	1/23/24
23	109	Byun HR	Ixodid ticks from animals in Asian countries	Parasitology 1	Chicago C	10:30	10:45	1/22/24
20	98	Cao T	Transcriptomics analysis of the head kidney and gill of lumpfish in response to <i>Moritella viscosa</i> infection	Host-Pathogen Interaction	Chicago F/G	9:15	9:30	1/22/24
30	152	Carpenter M	Evaluating temperature effects on bluetongue virus serotype 10 and 17 coinfection in <i>Culicoides sonorensis</i>	Virology 3	Chicago D	3:15	3:30	1/22/24

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40	202	Casaro S	Blood metabolomics and impacted cellular mechanisms during transition into lactation in dairy cows that develop metritis	"Omics" 2	Chicago A/B	9:15	9:30	1/23/24
48	243	Castillo Espinoza AF	Swine air-liquid interface respiratory culture system for studying Influenza A subtypes H1N1 and H3N2 coinfections	Virology 5	Chicago D	10:30	10:45	1/23/24
37	189	Castro Vargas R	Effect of Salmonella Dublin latent-carrier dry cow vaccination on bacterial shedding and intrauterine transmission	Epidemiology 4	Chicago E	5:15	5:30	1/22/24
10	48	Chander V	Detection and genetic characterisation of Canine coronavirus strains in India	Virology 1	Chicago D	10:45	11:00	1/21/24
46	231	Chandra Deb L	Quantifying trade-offs between therapeutic efficacy and resistance dissemination for enrofloxacin dose regimens in cattle	Antimicrobial Use & Resistance 3	Chicago A/B	10:30	10:45	1/23/24
1	1	Chase C	Before there was COVID, there was Bovine Respiratory Disease	AAVI - Featured Speakers	Salon II	8:30	9:15	1/21/24
12	59	Cheng TY	Effect of benchmarking reports on the transfer of passive immunity, navel health, and hydration in surplus dairy calves	General Health & Physiology 1	Chicago F/G	10:30	10:45	1/21/24
43	219	Chirivi M	TLR4 activation by endotoxin activates lipolysis in bovine adipocytes	Immunology 4	Chicago E	9:00	9:15	1/23/24
12	62	Chirivi M*	Endotoxemia triggers lipolysis and modifies dairy cows' adipose tissue function	General Health & Physiology 1	Chicago F/G	11:15	11:30	1/21/24
22	108	Choi IY	Bioluminescent tagging of therapeutics in recombinant lactic acid bacteria	Antimicrobial Alternatives	Chicago A/B	11:45	12:00	1/22/24
18	84	Choudhary P	Encapsulation of oil-based adjuvants into nanoparticles to make semen friendly vaccine formulations	Vaccinology 2	Chicago D	8:45	9:00	1/22/24
4	20	Chowdhury S	A BoHV-1 vectored vaccine is protective against RVFV in calves and lacks nasal virus-shedding upon reactivation	Vaccinology 1	Chicago D	9:45	10:00	1/21/24
18	85	Chowdhury S	A triple gene-deleted PRV-vectored subunit PCV2b and CSFV vaccine protects pigs against virulent CSFV challenge	Vaccinology 2	Chicago D	9:00	9:15	1/22/24
40	203	Chung M*	Antimicrobial resistance genes in clinical Salmonella isolates from Texas panhandle cattle	"Omics" 2	Chicago A/B	9:30	9:45	1/23/24
2	5	Cobo Angel C	Trends of feline Escherichia coli antimicrobial resistance over 14 years illustrate the need for judicious antimicrobial use in cats	Antimicrobial Use & Resistance 1	Chicago A/B	9:00	9:15	1/21/24
29	146	Cox J	The effects of hygiene standards pre- and post-COVID shutdown on fever and diarrhea incidence in a daycare	One Health / Public Health 2	Chicago C	3:15	3:30	1/22/24
41	205	Cox J	Cutaneous myiasis by Calliphoridae dipterans in dogs from Chad, Africa	Parasitology 2	Chicago C	8:30	8:45	1/23/24
34	169	Credille B	Influence of antimicrobial metaphylaxis on health, performance, antimicrobial use, and resistance in stocker calves	Antimicrobial Use & Resistance 2	Chicago A/B	4:45	5:00	1/22/24
31	156	Cunha F	Genomic analysis of the emerging pathogen Helicobacter ovis reveals new species: Candidatus Helicobacter ovis	Epidemiology 3	Chicago E	2:45	3:00	1/22/24
40	199	Cunha F	The origin of the uterine microbiome in cattle	"Omics" 2	Chicago A/B	8:30	8:45	1/23/24
44	228	Cunha T	High energy diet does not affect body condition score in a subset of late lactation dairy cows	General Health & Physiology 3	Chicago F/G	9:45	10:00	1/23/24
10	47	Cunningham JL*	Mechanisms of susceptibility or resistance to SARS-CoV-2 variants across animal species	Virology 1	Chicago D	10:30	10:45	1/21/24
28	138	Darish J*	Mycobacterium bovis infection among cattle herds in MI and NM: application of novel pathogen specific biomarkers	Diagnostic Testing 2	Chicago A/B	2:45	3:00	1/22/24
47	238	Dauer S	Assessing risk factors for contamination of needleless connector ports in veterinary intensive care units	Biosecurity & Infection Control 3	Chicago C	10:45	11:00	1/23/24
18	87	De Groot A	T cell epitope content comparison of a Porcine Reproductive and Respiratory Syndrome vaccine against heterologous type 2 strains	Vaccinology 2	Chicago D	9:30	9:45	1/22/24
45	230	Dean G	Utilizing aptamer-based proteometrics to investigate feline infectious peritonitis pathogenesis and discover biomarkers	ACVM - Featured Speakers	Salon II	11:15	12:00	1/23/24
35	174	Dean J*	Reinforcement learning for agent-based modeling of swine producer biosecurity adoption	Biosecurity & Infection Control 2	Chicago C	4:30	4:45	1/22/24
37	187	Deblois C*	Tracking the prevalence and antibiotic resistance of Salmonella isolated from a Wisconsin dairy farm over a year	Epidemiology 4	Chicago E	4:45	5:00	1/22/24
12	64	Dekkers J	Genetics of stress hormone concentrations in hair of healthy nursery pigs and their relationship with back test responses	General Health & Physiology 1	Chicago F/G	11:45	12:00	1/21/24
36	182	Deng X	Defining antagonism hierarchy of porcine epidemic diarrhea virus for live vaccines design	Virology 4	Chicago D	5:00	5:15	1/22/24
38	194	Deng Y	The impact of kit, environmental and sampling contamination on the observed microbiome of bovine milk	Metagenomics	Chicago F/G	5:00	5:15	1/22/24
17	81	Dhar A	A replication-deficient shrimp viral vector engineered for the delivery of therapeutic RNA	Aquaculture	Chicago C	9:30	9:45	1/22/24
19	92	Diaz F	Polyanhydride nanoparticles trigger antiviral responses against bovine RSV in vitro and in a murine RSV model	Immunology 1	Chicago E	9:15	9:30	1/22/24
30	149	Diaz F	Administration of Nrf2 agonists reduce bovine RSV replication in vitro and ameliorates RSV disease severity in mice	Virology 3	Chicago D	2:30	2:45	1/22/24
46	235	Diaz GR	The effect of metritis treatment with ceftiofur on fecal microbiome and resistome of dairy cows	Antimicrobial Use & Resistance 3	Chicago A/B	11:30	11:45	1/23/24

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19	91	Dolatyabi S	Chitosan-nanoparticle-based oral Salmonella vaccine elicits cross-protective immune response in broilers	Immunology 1	Chicago E	9:00	9:15	1/22/24
38	195	Doster E	Enriching without culture: target-enriched metagenomics allows for strain-level characterization of <i>M. haemolytica</i>	Metagenomics	Chicago F/G	5:15	5:30	1/22/24
14	68	Dou Z	Food's journey in the last mile - managing food waste as untapped resources	CRWAD Council Keynote and Special	Salon II	5:00	5:45	1/21/24
22	106	Driider D	In vivo effectiveness of Enterococcus faecalis 14 treatment of necrotic enteritis in broiler chickens	Antimicrobial Alternatives	Chicago A/B	11:15	11:30	1/22/24
41	206	Dupper A	Concurrent therapeutic and behavior interventions reduce emerging <i>Dracontulcus medinensis</i> worms in dogs in Chad	Parasitology 2	Chicago C	8:45	9:00	1/23/24
11	58	Edache S*	Insights into Japanese Encephalitis Virus transmission: a systematic review update on vector and host competence	Epidemiology 2	Chicago E	11:45	12:00	1/21/24
11	55	Elder B	Disease transmission dynamics and host-pathogen coevolution under varying temperatures	Epidemiology 2	Chicago E	11:00	11:15	1/21/24
29	141	Ezenwa V	The role of animal migration in spreading environmentally transmitted parasites	One Health / Public Health 2	Chicago C	2:00	2:15	1/22/24
3	13	Farison F*	Using Association Rule Learning algorithms to target recommendations more likely to be implemented by dairy farmers	Biosecurity & Infection Control 1	Chicago C	9:30	9:45	1/21/24
48	248	Farooq M*	Laying hen susceptibility to infectious bronchitis virus: a comparative analysis of Massachusetts (Mass) and Delmarva (DMV) 1639 genotypes	Virology 5	Chicago D	11:45	12:00	1/23/24
50	259	Fiallo J	The significance of adipose tissue extracellular matrix microenvironment on adipogenesis	General Health & Physiology 4	Chicago F/G	11:30	11:45	1/23/24
40	201	Filipov N	Unraveling the effects of novel and wild type endophyte-infected tall fescue on Angus steers' metabolome	"Omics" 2	Chicago A/B	9:00	9:15	1/23/24
26	130	Ford H	Single-nuclei RNA Sequencing of adipose tissue of dairy cows with subclinical ketosis	"Omics" 1	Chicago F/G	11:15	11:30	1/22/24
28	137	Framst I	Multi-locus sequence typing of <i>Mycoplasma ovipneumoniae</i> using multiplex PCR and rapid Nanopore sequencing	Diagnostic Testing 2	Chicago A/B	2:30	2:45	1/22/24
44	227	Fries-Craft K	Anti-IL-10 effects on broiler performance recovery following coccidiosis and necrotic enteritis challenge	General Health & Physiology 3	Chicago F/G	9:30	9:45	1/23/24
38	191	Gaire T	Does the fecal microbiome-resistome profile differ between samples collected sequentially from the same pig?	Metagenomics	Chicago F/G	4:15	4:30	1/22/24
4	18	Gamage C	Development a viral vectored vaccine against equine rotavirus A	Vaccinology 1	Chicago D	9:15	9:30	1/21/24
16	74	Gaonkar P	Factors associated with the dynamics of antimicrobial resistance in the environment of backyard poultry	Food Safety	Chicago A/B	9:15	9:30	1/22/24
47	242	Gaonkar P*	Antimicrobial resistance and antimicrobial residues in the different stages of commercial poultry environment	Biosecurity & Infection Control 3	Chicago C	11:45	12:00	1/23/24
18	86	Gaudreault N	Heterologous immunization with rVSV and rORFV virus vectors provide partial protection against virulent African Swine Fever Virus challenge	Vaccinology 2	Chicago D	9:15	9:30	1/22/24
46	234	Gelalcha B	Antimicrobial resistance and molecular epidemiology of ESBL-producing- <i>Klebsiella</i> species in dairy cattle farms	Antimicrobial Use & Resistance 3	Chicago A/B	11:15	11:30	1/23/24
42	215	Gourapura R	Cross-protective immunity in pigs vaccinated intranasal with mannose-chitosan nanoparticle-based influenza vaccine	Vaccinology 3	Chicago D	9:30	9:45	1/23/24
8	39	Gundersen T	Bayesian latent class analysis to estimate the diagnostic performance of the bull breeding soundness evaluation	Diagnostic Testing 1	Chicago A/B	11:30	11:45	1/21/24
19	94	Hada A*	Characterization of bovine intraepithelial T lymphocytes in the gut	Immunology 1	Chicago E	9:45	10:00	1/22/24
3	11	Hall M	Biosecurity gaps within commercial swine production systems using the secure pork supply framework	Biosecurity & Infection Control 1	Chicago C	9:00	9:15	1/21/24
34	171	Halleran J	Characterization of the oral pharmacokinetics of tylosin and its effect on the rumen microbiome	Antimicrobial Use & Resistance 2	Chicago A/B	5:15	5:30	1/22/24
46	232	Halleran J	Impact of florfenicol dosing regimen on the phenotypic and genotypic resistance of enteric bacteria in steers	Antimicrobial Use & Resistance 3	Chicago A/B	10:45	11:00	1/23/24
47	237	Hamilton E	Molecular evaluation of multi-drug resistant <i>Enterococcus faecium</i> isolated from patients and surfaces of a veterinary medical center	Biosecurity & Infection Control 3	Chicago C	10:30	10:45	1/23/24
8	40	Hamond C	Optimization and application of PCR for the detection of pathogenic <i>Leptospira</i> in bovine semen	Diagnostic Testing 1	Chicago A/B	11:45	12:00	1/21/24
28	140	Hamond C	Evaluation of new antigens for ELISA as an alternative method for the serodiagnosis of bovine leptospirosis	Diagnostic Testing 2	Chicago A/B	3:15	3:30	1/22/24
17	78	Hanson L	Virulence associated proteins of <i>Flavobacterium covaie</i> , an important channel catfish pathogen	Aquaculture	Chicago C	8:45	9:00	1/22/24
34	170	Hardee D*	Clinical outcomes of feedlot calves with non-resistant and resistant respiratory disease bacteria	Antimicrobial Use & Resistance 2	Chicago A/B	5:00	5:15	1/22/24
30	148	Hemida M	Host microRNAs finetunes Bovine coronavirus (BCoV) tissue tropism, pathogenesis, and immune regulation	Virology 3	Chicago D	2:15	2:30	1/22/24
8	37	Herring EC*	Evaluation of a rapid test strip, PCR, and enriched aerobic culture for the detection of <i>Salmonella</i> in equine feces	Diagnostic Testing 1	Chicago A/B	11:00	11:15	1/21/24

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19	90	Holmes C	Increased secretion of antileukoproteinase during the innate immune response to Equine herpesvirus type 1 infection	Immunology 1	Chicago E	8:45	9:00	1/22/24
19	89	Holmes C*	Unraveling the origin of mucosal T cells in Equine herpesvirus type 1 infection	Immunology 1	Chicago E	8:30	8:45	1/22/24
50	258	Holzapfel K	Alternative anti-inflammatory drugs for pain management in neonatal calves with naturally occurring diarrhea	General Health & Physiology 4	Chicago F/G	11:15	11:30	1/23/24
50	255	Horton L*	Economic considerations for extended feedlot heifer days-on-feed - sensitivity analyses from pooled clinical trials	General Health & Physiology 4	Chicago F/G	10:30	10:45	1/23/24
11	57	Horton V*	Japanese encephalitis virus transmission in swine populations: a rapid systematic review of the literature	Epidemiology 2	Chicago E	11:30	11:45	1/21/24
5	21	Hsu J*	Analyzing key factors and dynamics of African Swine Fever spread: Philippine insights	Epidemiology 1	Chicago E	8:30	8:45	1/21/24
9	46	Hussain A*	Knowledge, attitudes, and practices of para-vets about ticks and tick-borne diseases in Pakistan	One Health / Public Health 1	Chicago C	11:45	12:00	1/21/24
23	113	Hussain S*	Assessing genetic diversity and coinfection of tickborne pathogens in small and large ruminants of Punjab, Pakistan	Parasitology 1	Chicago C	11:30	11:45	1/22/24
20	100	Huynh TA	Colonization kinetics and mechanisms of <i>Listeria monocytogenes</i> in the bovine gastrointestinal tract	Host-Pathogen Interaction	Chicago F/G	9:45	10:00	1/22/24
6	28	Inzana TJ	Characterization and resolution of bacterial polymicrobial biofilms by bovine respiratory disease pathogens	Bacteriology	Chicago F/G	8:45	9:00	1/21/24
43	217	Islam MT*	Exploring a mouse model for torque teno sus virus 1	Immunology 4	Chicago E	8:30	8:45	1/23/24
38	193	Jacob O*	The effect of storage on bacterial viability in equine fecal microbial transfer fluid	Metagenomics	Chicago F/G	4:45	5:00	1/22/24
6	27	Jacobson BT*	The respiratory pathogen <i>Mycoplasma ovipneumoniae</i> forms biofilms that increase resistance to antibiotic treatment	Bacteriology	Chicago F/G	8:30	8:45	1/21/24
23	110	Ji SR	Detection of <i>Dabie bandavirus</i> in ticks collected from migratory birds	Parasitology 1	Chicago C	10:45	11:00	1/22/24
5	26	Johnson T	Investigating the role of nilgai antelope in the transmission cycle of bovine babesiosis in Texas, USA	Epidemiology 1	Chicago E	9:45	10:00	1/21/24
30	150	Jones C	Bovine herpesvirus 1 replication and gene expression is activated by Sp1 and glucocorticoid receptor	Virology 3	Chicago D	2:45	3:00	1/22/24
34	172	Jumper WI	Measuring intake of chlortetracycline-containing mineral offered free-choice to beef cows on pasture	Antimicrobial Use & Resistance 2	Chicago A/B	5:30	5:45	1/22/24
41	208	Karunakaran A	Fibrinogen-specific <i>Haemonchus contortus</i> cysteine proteases	Parasitology 2	Chicago C	9:15	9:30	1/23/24
44	224	Kesler KW	Characterizing mitochondrial function of dairy calf lymphocytes from birth to maturity	General Health & Physiology 3	Chicago F/G	8:45	9:00	1/23/24
5	25	Khan A	Non-invasive sampling strategies for the molecular surveillance of EHV-2 in naturally shedding yearling horses	Epidemiology 1	Chicago E	9:30	9:45	1/21/24
24	117	Kim HJ*	Investigating cellular dynamics of porcine lung environment in PRRSV infection by single-cell RNA sequencing	Virology 2	Chicago D	11:00	11:15	1/22/24
24	119	Kim SC*	Farm infection and pathological characteristics of a NADC34-like PRRSV variant in Korea	Virology 2	Chicago D	11:30	11:45	1/22/24
24	120	Kim Y	Inhibition of swine viruses by targeting viral proteins and host factors	Virology 2	Chicago D	11:45	12:00	1/22/24
26	132	Kincade J*	Persistence of prenatal epigenetic alterations into the postnatal period following fetal BVDV infection	"Omics" 1	Chicago F/G	11:45	12:00	1/22/24
31	157	Klaeui C*	(-)-Epigallocatechin-3-gallate does not affect <i>Lawsonia intracellularis</i> infection of McCoy cells or swine enteroids	Epidemiology 3	Chicago E	3:00	3:15	1/22/24
25	126	Kluppel L*	MicroRNAs isolated from bovine colostrum modulate the NF- $\kappa$ B pathway activation in vitro	Immunology 2	Chicago E	11:45	12:00	1/22/24
41	210	Kolp M	Prevalence of canine intestinal parasites at public dog parks in Central Appalachia	Parasitology 2	Chicago C	9:45	10:00	1/23/24
34	167	Kreuder A	Efficacy of tulathromycin for treatment of respiratory disease in goats: a final step towards label approval	Antimicrobial Use & Resistance 2	Chicago A/B	4:15	4:30	1/22/24
2	6	Kyung SM	Whole-genome analysis of New Delhi metallo- $\beta$ -lactamase (NDM)-producing Enterobacteriales from Korean companion dogs	Antimicrobial Use & Resistance 1	Chicago A/B	9:15	9:30	1/21/24
22	104	Lamichhane B	Evaluate the efficacy of novel probiotic strains on <i>Campylobacter</i> infection in vitro	Antimicrobial Alternatives	Chicago A/B	10:45	11:00	1/22/24
18	88	Lauder K*	Assessing the effects of maternal antibodies on a piglet post-weaning diarrhea vaccine candidate	Vaccinology 2	Chicago D	9:45	10:00	1/22/24
25	124	Legere R	Nebulization of mRNA encoding a monoclonal antibody against <i>Rhodococcus equi</i> in foals	Immunology 2	Chicago E	11:15	11:30	1/22/24
25	121	Legere R*	Selection and immunogenicity of a VapA mRNA construct for immunizing foals against <i>Rhodococcus equi</i>	Immunology 2	Chicago E	10:30	10:45	1/22/24
30	147	Li Y*	Isolation and characterization of bovine coronavirus strains from dairy cows, dairy calves, and beef cattle	Virology 3	Chicago D	2:00	2:15	1/22/24
27	134	Lillehoj H	Progresses and challenges in the development of vaccines against intracellular intestinal parasites in poultry	Animal Vaccinology Research Network	Salon II	2:45	3:30	1/22/24
25	125	Lima V*	Administration of attenuated <i>Salmonella</i> strains in ovo to induce protective immunity against bacterial pathogens	Immunology 2	Chicago E	11:30	11:45	1/22/24
32	164	Liu J*	Intestinal microbiome confers strong colonization resistance against necrotic enteritis in chicken	General Health & Physiology 2	Chicago F/G	3:15	3:30	1/22/24

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18	83	Liu M*	Optimize the PEDV recombination-resistant platform for safe, efficacious live attenuated vaccine development	Vaccinology 2	Chicago D	8:30	8:45	1/22/24
46	236	Lizer N	Resistance-Enhanced variant of Campylobacter's CmeABC efflux pump utilizes distinct residues for drug binding and resistance	Antimicrobial Use & Resistance 3	Chicago A/B	11:45	12:00	1/23/24
11	56	Llanos Soto S	Importance of waterfowl migration timing on the transmission dynamics of HPAI at the waterfowl-poultry interface	Epidemiology 2	Chicago E	11:15	11:30	1/21/24
31	154	Llanos Soto S	Mathematical modelling assessment of Salmonella Dublin transmission and control in Northeastern US heifer raisers	Epidemiology 3	Chicago E	2:15	2:30	1/22/24
37	188	Locke S	Prevalence of Salmonella Dublin in mesenteric lymph nodes of special-fed veal calves from the US and Canada	Epidemiology 4	Chicago E	5:00	5:15	1/22/24
47	240	Locke S	Biocide tolerance of Salmonella isolates recovered from cattle	Biosecurity & Infection Control 3	Chicago C	11:15	11:30	1/23/24
42	216	Madapong A	Low-dose Epigraph vaccine provides broadly protective immunity against swine influenza A virus	Vaccinology 3	Chicago D	9:45	10:00	1/23/24
43	221	Madden D	Immune dysregulation at the cellular, cytokine, and transcriptomic level during African swine fever virus infection	Immunology 4	Chicago E	9:30	9:45	1/23/24
17	80	Mai H	Development of a PCR-based diagnostic assay for white spot syndrome virus (WSSV) in formulated aquafeed	Aquaculture	Chicago C	9:15	9:30	1/22/24
13	66	Mateescu R	Genomic solutions for sustainable beef production: Climate-smart cattle breeding	CRWAD Council Keynote and Special	Salon II	3:00	3:45	1/21/24
42	211	McAllister H*	Systematic review of the impact of respiratory disease vaccination on antibody titer and health outcomes in cattle	Vaccinology 3	Chicago D	8:30	8:45	1/23/24
49	252	McAtee T*	Comprehensive outcomes from a feedlot trial comparing ractopamine hydrochloride and lubabegron feed additives	Epidemiology 5	Chicago E	11:15	11:30	1/23/24
36	183	McDowell C	Development of long-read targeted-whole genome sequencing for African and classical swine fever viruses	Virology 4	Chicago D	5:15	5:30	1/22/24
6	32	Meinen-Jochum J	Cross-colonization of segmented filamentous bacteria between broilers and layers	Bacteriology	Chicago F/G	9:45	10:00	1/21/24
26	127	Mellata M	Role of segmented filamentous bacteria in gut immune maturation and resistance to Enterobacteriaceae in Layer chickens	"Omics" 1	Chicago F/G	10:30	10:45	1/22/24
5	23	Mendoza A	The impact of ecogeographical variables on the potential distribution of Ornithodoros spp. in Texas	Epidemiology 1	Chicago E	9:00	9:15	1/21/24
38	192	Meneguzzi M*	Detection of multiple porcine viruses from oral fluid samples through TELSIVirus workflow	Metagenomics	Chicago F/G	4:30	4:45	1/22/24
8	38	Meyer F	Infection status discrimination in livestock biofluids using near infrared spectroscopy analysis	Diagnostic Testing 1	Chicago A/B	11:15	11:30	1/21/24
49	249	Meyers O*	Evaluating the occurrence of giant liver fluke and its hosts in Elk Island National Park, Canada	Epidemiology 5	Chicago E	10:30	10:45	1/23/24
4	15	Miller J	Assessment of a subunit vaccine candidate formulated with various adjuvants against Mycoplasma gallisepticum	Vaccinology 1	Chicago D	8:30	8:45	1/21/24
7	33	Moeser A	Stressed from the start: Implications of early life stress for lifelong health and disease resistance	AAVI - Featured Speakers	Salon II	10:30	11:15	1/21/24
24	116	Momin T*	Characterizing the role of cellular protein, ZFP36L1 in suppressing viral gastroenteritis in pigs	Virology 2	Chicago D	10:45	11:00	1/22/24
33	166	Morley PS	Does vaccination prevent antimicrobial resistance?	Animal Vaccinology Research Netwo	Salon II	5:00	5:45	1/22/24
11	53	Mundt C	Long-distance dispersal and spread of animal and plant diseases under increased ecological complexity	Epidemiology 2	Chicago E	10:30	10:45	1/21/24
44	226	Murphy M*	Characterizing the developing fecal microbiome and resistome in foals and their dams	General Health & Physiology 3	Chicago F/G	9:15	9:30	1/23/24
12	63	Myers-Smith M*	Endocannabinoid synthesis is modulated by lipolysis pathways in dairy cows' adipose tissue	General Health & Physiology 1	Chicago F/G	11:30	11:45	1/21/24
36	181	Neveau Thomas M	Nucleoprotein reassortment enhances transmissibility of H3 C-IVA clade influenza A virus in swine	Virology 4	Chicago D	4:45	5:00	1/22/24
31	158	Nickodem C	Gearhart Award: An experimental field trial investigating the use of bacteriophage and manure slurry applications in beef cattle feedlot pens for Salmonella mitigation	Epidemiology 3	Chicago E	3:15	3:30	1/22/24
6	31	Noh S	Identification of Anaplasma marginale adhesins that bind tick cells and bovine erythrocytes using phage display	Bacteriology	Chicago F/G	9:30	9:45	1/21/24
32	159	O'Brien J	Feeding choices owners make: early findings from the Dog Aging Project	General Health & Physiology 2	Chicago F/G	2:00	2:15	1/22/24
9	43	O'Brien J*	Monitoring and predicting lyme disease trends among dogs to inform public health	One Health / Public Health 1	Chicago C	11:00	11:15	1/21/24
15	70	O'Connor A	Rethinking variable selection and study design approaches	AVEPM - Schwabe Symposium	Salon II	9:15	10:00	1/22/24
20	97	Okon J*	Transcriptomic insights into liver abscesses in beef cattle: a gastrointestinal tissue perspective	Host-Pathogen Interaction	Chicago F/G	9:00	9:15	1/22/24
37	186	Olajide E	Prevalence of EHV-1 and EHV-4 in trigeminal ganglia and retropharyngeal lymph nodes in a random horse population	Epidemiology 4	Chicago E	4:30	4:45	1/22/24
23	114	Oliva Chavez A	Comparative proteomics of salivary gland and midgut extracellular vesicles from different tick species	Parasitology 1	Chicago C	11:45	12:00	1/22/24
14	67	Ortiz-Bobeia A	R&D needs for U.S. agriculture in a changing climate	CRWAD Council Keynote and Special	Salon II	4:15	5:00	1/21/24

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
30	151	Ostler J	Chromatin modifications of the Bovine Alpha herpesvirus 1 genome during reactivation from latency	Virology 3	Chicago D	3:00	3:15	1/22/24
35	177	Osuagwu J*	The North American Animal Disease Spread Model (NAADSM) as a decision-making tool for FMD outbreaks in New England	Biosecurity & Infection Control 2	Chicago C	5:15	5:30	1/22/24
26	128	Ott L	Role of chicken miRNA in the regulation of bacterial plasmid conjugation in vitro	"Omics" 1	Chicago F/G	10:45	11:00	1/22/24
11	54	Ouyang L	Exploring the role of land cover on fowl cholera outbreaks in midwestern commercial poultry sites	Epidemiology 2	Chicago E	10:45	11:00	1/21/24
8	35	Owczarzak E	Can we reliably quantify blood vitamin E cattle-side? A method comparison study	Diagnostic Testing 1	Chicago A/B	10:30	10:45	1/21/24
43	220	Owczarzak E	Effect of isoprostane class on bovine neutrophil microbicidal functions	Immunology 4	Chicago E	9:15	9:30	1/23/24
12	60	Pace A*	Exposure to wildfire smoke PM2.5 causes pulmonary inflammation and behavioral alterations in dairy heifer calves	General Health & Physiology 1	Chicago F/G	10:45	11:00	1/21/24
10	50	Parcells M	The role of exosomes in Marek's Disease Virus-mediated immunosuppression	Virology 1	Chicago D	11:15	11:30	1/21/24
5	24	Park A	Quantifying equine influenza transmission in Mongolia	Epidemiology 1	Chicago E	9:15	9:30	1/21/24
31	153	Parzygnat J	Molecular epidemiology of antimicrobial resistant pathogens in distinct broiler farms in Southeastern US	Epidemiology 3	Chicago E	2:00	2:15	1/22/24
31	155	Pereira A	Microbiomes and resistomes of poultry farms indicate potential reservoirs and transmission of antimicrobial resistance	Epidemiology 3	Chicago E	2:30	2:45	1/22/24
39	198	Perlman S	Pathogenesis of Murine and Human coronavirus infections	ACVM - Featured Speakers	Salon II	9:15	10:00	1/23/24
13	65	Petersen C	Global One Health efforts to eliminate vector borne zoonoses	CRWAD Council Keynote and Special	Salon II	2:00	3:00	1/21/24
23	112	Pietrantonio P	Towards novel acaricide development against cattle fever tick: GPCR chemical hits and neuropeptide physiology	Parasitology 1	Chicago C	11:15	11:30	1/22/24
34	168	Portillo-Gonzalez R*	Comparison of two methods for collecting antimicrobial usage data on large dairy farms in Ohio and California	Antimicrobial Use & Resistance 2	Chicago A/B	4:30	4:45	1/22/24
35	173	Prezioso T*	A network evaluation of human movement data across multiple swine farm system	Biosecurity & Infection Control 2	Chicago C	4:15	4:30	1/22/24
28	135	Puducode Parameswaran S	High volume testing for foreign animal diseases using SmartChip real-time PCR system	Diagnostic Testing 2	Chicago A/B	2:00	2:15	1/22/24
41	207	Quintana T*	Characterization of ABC transporter genes in Toxocara canis using RNA-Seq	Parasitology 2	Chicago C	9:00	9:15	1/23/24
7	34	Rajao D	Host responses during influenza A virus adaptation to a new species	AAVI - Featured Speakers	Salon II	11:15	12:00	1/21/24
36	180	Rajao D	Transmission of a human-origin H3N2 in pigs increases fitness of HA and NA to the swine host	Virology 4	Chicago D	4:30	4:45	1/22/24
50	257	Rajesh A	The effects of the equine mesenchymal stromal cell secretome on acute and chronic wound healing in vivo	General Health & Physiology 4	Chicago F/G	11:00	11:15	1/23/24
26	131	Ramirez B*	Longitudinal blood RNA-Seq analysis of cattle to determine the impact of vaccination and marketing on clinical BRD	"Omics" 1	Chicago F/G	11:30	11:45	1/22/24
4	19	Rasquinha M*	Mt-10 vaccine protects Diversity Outbred mice from CVB3 infection	Vaccinology 1	Chicago D	9:30	9:45	1/21/24
2	3	Redding L	The potential role of veterinary technicians in promoting antimicrobial stewardship	Antimicrobial Use & Resistance 1	Chicago A/B	8:30	8:45	1/21/24
44	223	Redding L	Effects of dietary zinc on the microbiota of the gestating cow and neonatal calf	General Health & Physiology 3	Chicago F/G	8:30	8:45	1/23/24
16	75	Reif K	Antimicrobial susceptibilities of enterococcus from calves treated with chlortetracycline for anaplasmosis control	Food Safety	Chicago A/B	9:30	9:45	1/22/24
21	102	Renter D	Aligning valid research outcomes with stakeholder values	AVEPM - Schwabe Symposium	Salon II	11:15	12:00	1/22/24
32	161	Rients E	Effects of intranasal Zn and vitamin A treatments on respiratory disease challenged beef steers	General Health & Physiology 2	Chicago F/G	2:30	2:45	1/22/24
48	244	Robert E*	Characterization of classical swine fever virus genotype 2 strains responsible for 2013-2018 outbreak in Colombia	Virology 5	Chicago D	10:45	11:00	1/23/24
32	163	Rogers A	Effect of Lactobacillus acidophilus postbiotic on improving nursery pig performance and mitigating weaning stress	General Health & Physiology 2	Chicago F/G	3:00	3:15	1/22/24
35	176	Rosenblatt S*	Maximizing epidemics with spatial and categorical assortativities in modular geometric contagion networks	Biosecurity & Infection Control 2	Chicago C	5:00	5:15	1/22/24
21	101	Ruple A	Do our exposure variables tell us what we think they are telling us?	AVEPM - Schwabe Symposium	Salon II	10:30	11:15	1/22/24
1	2	Sacco R	A tribute to our friend and colleague Dr. John D. Lippolis	AAVI - Featured Speakers	Salon II	9:15	10:00	1/21/24
39	197	Saif L	Coronavirus: Past, present and future threats to animals and humans	ACVM - Featured Speakers	Salon II	8:30	9:15	1/23/24
49	253	Sanderson M	A stochastic framework to assess optimal allocation of limited vaccine doses in FMD outbreaks using game theory	Epidemiology 5	Chicago E	11:30	11:45	1/23/24
35	178	Sanguinetti VM*	Expert consensus study regarding disease control strategies to prevent calf mortality in beef herds	Biosecurity & Infection Control 2	Chicago C	5:30	5:45	1/22/24
15	69	Sargeant JM	What question are we trying to answer? Embracing causal inference	AVEPM - Schwabe Symposium	Salon II	8:30	9:15	1/22/24
17	82	Segree A*	Peptidoglycan hydrolases as alternatives to antibiotics to treat Streptococcus in fish	Aquaculture	Chicago C	9:45	10:00	1/22/24
6	29	Selong E	Alternative approach for antibiotic susceptibility determination in Mycoplasma biofilms	Bacteriology	Chicago F/G	9:00	9:15	1/21/24
37	185	Sequeira S*	Combining multiple sources of movement data strengthens traceability and disease surveillance	Epidemiology 4	Chicago E	4:15	4:30	1/22/24
9	41	Sexton C	Canaries for the modern age - dogs as sentinels of human health and wellbeing	One Health / Public Health 1	Chicago C	10:30	10:45	1/21/24
22	107	Shah C*	Effect of oral supplementation of eugenol in reducing colonization of Listeria monocytogenes in guinea pig model	Antimicrobial Alternatives	Chicago A/B	11:30	11:45	1/22/24
16	72	Shah T*	In-water supplementation of Trans-cinnamaldehyde nanoemulsion reduces Salmonella colonization in broiler chickens	Food Safety	Chicago A/B	8:45	9:00	1/22/24

Scheduled Session	Abstract Number	Presenter	Title	Session Title	Room	Start	Finish	Date
10	49	Sharma S	Use of canine respiratory epithelial cells to characterize viral kinetics and immunity associated with kennel cough	Virology 1	Chicago D	11:00	11:15	1/21/24
4	17	Shekoni O	Development of bird flu mucosal-deliverable nanovaccine	Vaccinology 1	Chicago D	9:00	9:15	1/21/24
2	8	Singer R	Assessing the risk of antimicrobial resistant enterococcal infections in humans due to bacitracin usage in poultry	Antimicrobial Use & Resistance 1	Chicago A/B	9:45	10:00	1/21/24
16	73	Sohail MN	Antimicrobial resistance in Escherichia coli and Salmonella isolated from a broiler supply chain and its environment	Food Safety	Chicago A/B	9:00	9:15	1/22/24
40	200	Sowers C	Exploring the upper respiratory and fecal microbiomes in neonatal dairy calves	"Omics" 2	Chicago A/B	8:45	9:00	1/23/24
9	45	Stapleton GS / Vahey G	Multistate outbreaks of salmonellosis linked to contact with backyard poultry — United States, 2015-2022	One Health / Public Health 1	Chicago C	11:30	11:45	1/21/24
38	196	Tamm S*	Environmental, group, and individual sampling for characterizing the ecology of Mannheimia haemolytica in cattle	Metagenomics	Chicago F/G	5:30	5:45	1/22/24
29	142	Tasnim Y*	Prevalence and genomic characterization of beta-lactamase-producing E. coli in migratory geese in West Texas, USA	One Health / Public Health 2	Chicago C	2:15	2:30	1/22/24
26	129	Thapa S	MAP3773c modulates key metabolic and redox pathways in Mycobacterium paratuberculosis under invitro iron starvation	"Omics" 1	Chicago F/G	11:00	11:15	1/22/24
28	136	Thieulent CJ	Detection of SARS-CoV-2 and other canine and feline respiratory pathogens using multiplex qPCR/RT-qPCR	Diagnostic Testing 2	Chicago A/B	2:15	2:30	1/22/24
48	246	Thieulent CJ	Identification of the ex vivo and in vitro equine arteritis virus receptors	Virology 5	Chicago D	11:15	11:30	1/23/24
50	256	Thompson A	Bayesian estimation of failed transfer of passive immunity IgG cut-offs for predicting morbidity in beef calves	General Health & Physiology 4	Chicago F/G	10:45	11:00	1/23/24
48	245	Tomlinson J	Naturally acquired equine parvovirus-hepatitis is associated with a wide range of hepatic lesions in horses	Virology 5	Chicago D	11:00	11:15	1/23/24
42	213	Touray BJB	Safety and immunogenicity of DNA vaccines directed towards avian influenza	Vaccinology 3	Chicago D	9:00	9:15	1/23/24
9	44	Vahey G	Notable multistate outbreaks of Salmonella infections related to animal contact — United States, 2023	One Health / Public Health 1	Chicago C	11:15	11:30	1/21/24
37	190	Valeris-Chacin R	Quantifying the impact of metaphylaxis on the abundance of key members of the respiratory microbiome in cattle	Epidemiology 4	Chicago E	5:30	5:45	1/22/24
17	77	Vasquez J	Identification of crucial factors for seawater adaptation and pathogenesis activation in A. salmonicida	Aquaculture	Chicago C	8:30	8:45	1/22/24
43	222	Wang L	Live-attenuated vaccine against contemporary pandemic genotype II African swine fever virus	Immunology 4	Chicago E	9:45	10:00	1/23/24
47	239	Wang L*	The effect of an electrostatic precipitator on mitigating aerosol transmission of influenza A virus in pigs	Biosecurity & Infection Control 3	Chicago C	11:00	11:15	1/23/24
42	214	Wang WC*	Role of stem region of hemagglutinin and ectodomain of matrix protein 2 in protection against influenza viruses	Vaccinology 3	Chicago D	9:15	9:30	1/23/24
20	99	Wang Y	Molecular mechanisms of enhanced resistance to avian influenza in two genetically distinct, highly inbred chicken lines	Host-Pathogen Interaction	Chicago F/G	9:30	9:45	1/22/24
22	105	Whitmore M*	Deoxycholic acid synergizes with butyrate to alleviate necrotic enteritis in broilers	Antimicrobial Alternatives	Chicago A/B	11:00	11:15	1/22/24
9	42	Wisnieski L	Predicting human and dog Lyme disease incidence using Google Trends data	One Health / Public Health 1	Chicago C	10:45	11:00	1/21/24
41	209	Witola WH	Unique glycolytic enzymes as targets for novel anti-Cryptosporidium drugs in bovine calves	Parasitology 2	Chicago C	9:30	9:45	1/23/24
48	247	Xu H*	The role of the conserved alphaherpesvirus glycoprotein C in host-to-host transmission	Virology 5	Chicago D	11:30	11:45	1/23/24
24	115	Yadav KK*	Rat hepatitis E virus (HEV) cross-species infection and transmission in pigs	Virology 2	Chicago D	10:30	10:45	1/22/24
24	118	Yoo D	PRRS virus nonstructural protein 1 restricts TRIM19 expression and promotes viral replication	Virology 2	Chicago D	11:15	11:30	1/22/24
4	16	Young A	A Platform-based approach to development and deployment of an effective vaccine to protect against an emerging disease outbreak	Vaccinology 1	Chicago D	8:45	9:00	1/21/24
32	160	Young JD*	What is normal? Establishing a baseline of gut health throughout the gastrointestinal tract of feedlot cattle	General Health & Physiology 2	Chicago F/G	2:15	2:30	1/22/24
2	4	Yudhanto S*	Assessing the challenges and factors influencing Illinois small animal veterinarians' antimicrobial use practices	Antimicrobial Use & Resistance 1	Chicago A/B	8:45	9:00	1/21/24
10	51	Zafar HS*	Marek's disease herpesvirus UL13, virion protein US10, and cellular LY6E in horizontal transmission	Virology 1	Chicago D	11:30	11:45	1/21/24
10	52	Zeller M	Streamlining classification of PRRSV-2 ORF5 lineages and sublineages using Nextclade	Virology 1	Chicago D	11:45	12:00	1/21/24
3	12	Zia A	Testing an extended theory of planned behavior to explain cattle producers' intent to comply with FMD controls	Biosecurity & Infection Control 1	Chicago C	9:15	9:30	1/21/24
3	14	Zia A	Eliciting behavioral responses to alternate biosecurity risk management strategies in a stochastic game	Biosecurity & Infection Control 1	Chicago C	9:45	10:00	1/21/24
17	79	Zinnurine S*	Role of chitinase and RTX toxin in the pathogenesis of virulent Aeromonas hydrophila	Aquaculture	Chicago C	9:00	9:15	1/22/24