

Submission ID	Program ID	Presenter First Name	Presenter Last Name	Day	Date	Room (Floor)	Start Time	Stop Time	Duration (min)	Session Title	ABSTRACT TITLE
42850	001	Guy	Palmer	Sunday	2-Dec-18	Chicago D/E (5th)	5:30 PM	6:30 PM	60	CRWAD Council Keynote	Animal health as a driver to achieve the Sustainability Development Goals
42417	002	Alfonso	Torres	Sunday	2-Dec-18	Chicago D (5th)	1:05 PM	1:55 PM	50	AVEPM Schwabe Symposium	Counteracting animal diseases at the global level
42429	003	Terry	McElwain	Sunday	2-Dec-18	Chicago D (5th)	1:55 PM	2:30 PM	35	AVEPM Schwabe Symposium	Impact of Animal Health at the Community / Household Level in Developing Nations
42628	004	Valerie	Ragan	Sunday	2-Dec-18	Chicago D (5th)	3:00 PM	3:35 PM	35	AVEPM Schwabe Symposium	Bovine brucellosis and tuberculosis: International challenges
42345	005	Steven	Sofsky	Sunday	2-Dec-18	Chicago D (5th)	3:35 PM	4:10 PM	35	AVEPM Schwabe Symposium	Beyond fences: policy options for wildlife, livelihoods & transboundary animal disease management in southern Africa
43979	006	Montserrat	Torremorell	Sunday	2-Dec-18	Chicago E (5th)	1:15 PM	2:00 PM	45	NC229 Minisymposium	Transmission and control of influenza: the role of the piglet
42450	007	Jack	Dekkers	Sunday	2-Dec-18	Chicago E (5th)	2:00 PM	2:15 PM	15	NC229 Minisymposium	Genetically Improving Resistance of Pigs to PRRS Virus Infection
44506	008	Levon	Abrahamyan	Sunday	2-Dec-18	Chicago E (5th)	2:15 PM	2:30 PM	15	NC229 Minisymposium	Global picture of nidovirus-host cell interactions revealed by comparative
42735	009	Janice	Telfer	Sunday	2-Dec-18	Chicago E (5th)	3:00 PM	3:15 PM	15	NC229 Minisymposium	Swine WC1 genes are a multigenic array with bacterial binding capacity
42469	010	Hiep	Vu	Sunday	2-Dec-18	Chicago E (5th)	3:15 PM	3:30 PM	15	NC229 Minisymposium	Correlates of cross-protective immunity to porcine reproductive and respiratory syndrome virus
42472	011	Pengcheng	Shang	Sunday	2-Dec-18	Chicago E (5th)	3:30 PM	3:45 PM	15	NC229 Minisymposium	Hyperphosphorylation of PRRSV nsp2-related proteins regulates viral subgenomic RNA accumulation
42971	012	Laura	Constance	Sunday	2-Dec-18	Chicago E (5th)	3:45 PM	4:00 PM	15	NC229 Minisymposium	Fecal microbiota transplantation shifts microbiome and reduces morbidity and mortality associated with PCVAD
42433	013	Brenna	Mori	Sunday	2-Dec-18	Chicago A/B (5th)	1:00 PM	1:15 PM	15	Aquaculture	Transmission of waterborne fish and plant pathogens in aquaponics and physical control methods
42704	014	Tal	Ben-Horin	Sunday	2-Dec-18	Chicago A/B (5th)	1:15 PM	1:30 PM	15	Aquaculture	Intensive oyster aquaculture can reduce disease impacts to sympatric wild oysters
42650	015	Attila	Karsi	Sunday	2-Dec-18	Chicago A/B (5th)	1:30 PM	1:45 PM	15	Aquaculture	Prevention of enteric septicemia of catfish by novel live attenuated vaccines
42750	016	Andrew	Wargo	Sunday	2-Dec-18	Chicago A/B (5th)	1:45 PM	2:00 PM	15	Aquaculture	Prevention efficacy of vaccines against virulence evolution of infectious hematopoietic necrosis virus
42774	017	Matt	Griffin	Sunday	2-Dec-18	Chicago A/B (5th)	2:00 PM	2:15 PM	15	Aquaculture	Evaluating atypical Aeromonas hydrophila (aAh) in catfish aquaculture in the Delta region of Mississippi
44299	018	Bassem	Allam	Sunday	2-Dec-18	Chicago A/B (5th)	2:15 PM	2:30 PM	15	Aquaculture	Validation of markers and marker-assisted selection of hard clam for resistance to QPX disease
42387	019	Krishani	Perera	Sunday	2-Dec-18	Chicago A/B (5th)	3:00 PM	3:15 PM	15	Virology	Protease inhibitors broadly effective against feline, ferret and mink coronaviruses
42835	020	Pawan	Kumar	Sunday	2-Dec-18	Chicago A/B (5th)	3:15 PM	3:30 PM	15	Virology	Novel diagnostic test and phylodynamics for reducing bovine leukemia virus transmission in dairy cattle
42794	021	Holden	Hutchinson	Sunday	2-Dec-18	Chicago A/B (5th)	3:30 PM	3:45 PM	15	Virology	Proviral, antibody and lymphocyte dynamics in steers following intramuscular challenge with Bovine Leukemia Virus
42601	022	Kelly	Sporer	Sunday	2-Dec-18	Chicago A/B (5th)	3:45 PM	4:00 PM	15	Virology	Development of a novel assay for identifying highly infectious cows with bovine leukosis
42343	023	Jennifer	Kopanke	Sunday	2-Dec-18	Chicago A/B (5th)	4:00 PM	4:15 PM	15	Virology	Characterizing reassortment between endemic bluetongue virus strains using an in vitro system
42435	024	Clinton	Jones	Sunday	2-Dec-18	Chicago A/B (5th)	4:15 PM	4:30 PM	15	Virology	Regulation of latency-reactivation cycle by ORF2 and beta-catenin/Wnt signaling pathway
42608	025	Emily	Reppert	Sunday	2-Dec-18	Chicago C (5th)	1:00 PM	1:15 PM	15	Parasitology - Anaplasma	Evaluation of chlortetracycline-mediated mineral formulations to control active bovine anaplasmosis
42590	026	Kathryn	Reif	Sunday	2-Dec-18	Chicago C (5th)	1:15 PM	1:30 PM	15	Parasitology - Anaplasma	Implications of Anaplasma marginale genetic diversity on current bovine anaplasmosis control strategies
42779	027	Johann	Coetsee	Sunday	2-Dec-18	Chicago C (5th)	1:30 PM	1:45 PM	15	Parasitology - Anaplasma	Impact of an outbreak of Anaplasma marginale in dairy cows on long term milk production
42635	028	Kelly	Brayton	Sunday	2-Dec-18	Chicago C (5th)	1:45 PM	2:00 PM	15	Parasitology - Anaplasma	Manipulation of the Dermacentor andersoni bacterial microbiome to mitigate Anaplasma marginale transmission
42586	029	Brandt	Skinner	Sunday	2-Dec-18	Chicago C (5th)	2:00 PM	2:15 PM	15	Parasitology - Anaplasma	Isolation and characterization of two Anaplasma marginale isolates
42802	030	Kyle	Hoffman	Sunday	2-Dec-18	Chicago C (5th)	2:15 PM	2:30 PM	15	Parasitology - Anaplasma	Sequence of a novel Anaplasma marginale genome determined with next generation PacBio sequencing technology
42639	031	Kelly	Brayton	Sunday	2-Dec-18	Chicago C (5th)	3:00 PM	3:15 PM	15	Parasitology	Anaplasma ovis genome sequence and comparative analysis
42504	032	Wesley	Van Voorhis	Sunday	2-Dec-18	Chicago C (5th)	3:15 PM	3:30 PM	15	Parasitology	Bumped kinase inhibitors: experimental therapy for cryptosporidiosis, toxoplasmosis, neosporosis, and sarcocystosis
42709	033	Joseph	Busch	Sunday	2-Dec-18	Chicago C (5th)	3:30 PM	3:45 PM	15	Parasitology	Preventing bovine babesiosis by characterizing acaricide resistance in cattle fever ticks from Mexico and the US
42369	034	Raffi	Aroian	Sunday	2-Dec-18	Chicago C (5th)	3:45 PM	4:00 PM	15	Parasitology	Bacillus thuringiensis crystal proteins as cures for GI nematodes of pigs, horses, dogs, and ruminants
42810	035	Sammuel	Shahzad	Sunday	2-Dec-18	Chicago C (5th)	4:00 PM	4:15 PM	15	Parasitology	Detection of pathogens associated with different tick species collected from elk in Missouri
42426	036	Patricia	Pietrantonio	Sunday	2-Dec-18	Chicago C (5th)	4:15 PM	4:30 PM	15	Parasitology	Towards novel acaricide development against R. microplus: GPCR target validation and chemical lead identification
42528	037	James	Stanton	Sunday	2-Dec-18	Chicago F/G (5th)	1:00 PM	1:15 PM	15	Diagnostics - Pigs	MiniON-based amplicon sequencing for rapid identification of three different RNA viruses
42567	038	Yun-Long	Tsai	Sunday	2-Dec-18	Chicago F/G (5th)	1:15 PM	1:30 PM	15	Diagnostics - Pigs	Rapid & simple detection of PRRSV by fully automated sample-to-answer POKKIT™ Central PCR system at point of need
42568	039	Simon	Chung	Sunday	2-Dec-18	Chicago F/G (5th)	1:30 PM	1:45 PM	15	Diagnostics - Pigs	A fully automated POKKIT Central PCR system detects Mycoplasma gallisepticum and Mycoplasma synoviae on DOCS
42580	040	Yin	Wang	Sunday	2-Dec-18	Chicago F/G (5th)	1:45 PM	2:00 PM	15	Diagnostics - Pigs	A Lumindex multiplex assay for the detection of PRRSV, PCV2 and PCV3 and for PRRSV vaccine differentiation in the US
42673	041	Nicholas	Streuslin	Sunday	2-Dec-18	Chicago F/G (5th)	2:00 PM	2:15 PM	15	Diagnostics - Pigs	Repeatability of real-time PCR for PRRSV at different concentrations in various sample matrices
42538	042	Vlad	Petrovan	Sunday	2-Dec-18	Chicago F/G (5th)	2:15 PM	2:30 PM	15	Diagnostics - Pigs	Diagnostic application of monoclonal antibodies against African swine fever virus (ASFV)
42769	043	Kay	Kimpston-Burkgren	Sunday	2-Dec-18	Chicago F/G (5th)	3:00 PM	3:15 PM	15	Diagnostics	AlphaUSA platforms for rapid and sensitive detection of PEDV antibody
42816	044	Amelia	Woolums	Sunday	2-Dec-18	Chicago F/G (5th)	3:15 PM	3:30 PM	15	Diagnostics	Thoracic ultrasound, electronic stethoscope score, and tracheal wash cytology in stocker cattle with BRD
42853	045	Veeragowda	Belamaranahally	Sunday	2-Dec-18	Chicago F/G (5th)	3:30 PM	3:45 PM	15	Diagnostics	Isolation and standardization of diagnostic assay for the detection of Bacillus anthracis in livestock
44195	046	Paulo	Carneiro	Sunday	2-Dec-18	Chicago F/G (5th)	3:45 PM	4:00 PM	15	Diagnostics	Mycobacterium bovis identification by mass spectrometry MALDI-TOF, in cattle and buffalo in Brazil
42413	047	Kiran	Afshan	Sunday	2-Dec-18	Chicago F/G (5th)	4:00 PM	4:15 PM	15	Diagnostics	Diagnostic potential of antigenic proteins of Gastrothylax crumenifer for bovine amphistomosis
42569	048	Simon	Chung	Sunday	2-Dec-18	Chicago F/G (5th)	4:15 PM	4:30 PM	15	Diagnostics	A fully automated POKKIT Central PCR system for evaluation of the infectious bronchitis vaccination uniformity
44087	049	Johanna	Effenbein	Sunday	2-Dec-18	Avenue (4th)	1:00 PM	1:15 PM	15	Foodborne Pathogens	Inhibition of Myristoylated Alanine-rich C-Kinase Substrate reduces Salmonella colonization of the bovine intestine
42592	050	Raquel	Burin	Sunday	2-Dec-18	Avenue (4th)	1:15 PM	1:30 PM	15	Foodborne Pathogens	SPI-13 contributes to nutritional adaptation of Salmonella
42591	051	Miaomiao	Wu	Sunday	2-Dec-18	Avenue (4th)	1:30 PM	1:45 PM	15	Foodborne Pathogens	SseL deubiquitinates RPS3 to inhibit its nuclear translocation
42587	052	Talita	Resende	Sunday	2-Dec-18	Avenue (4th)	1:45 PM	2:00 PM	15	Foodborne Pathogens	Effects of Lawsonia intracellularis infection on the proliferation of mammalian cell lines
42700	053	Milan	Obradovic	Sunday	2-Dec-18	Avenue (4th)	2:00 PM	2:15 PM	15	Foodborne Pathogens	Lawsonia intracellularis proteins identified through proteomic analysis are targets of neutralizing antibodies
42746	054	Amy	Albers	Sunday	2-Dec-18	Avenue (4th)	2:15 PM	2:30 PM	15	Foodborne Pathogens	Microbiological contamination of fresh retail ground beef and pork products
42630	055	Courtney	Klappenbach	Sunday	2-Dec-18	Avenue (4th)	3:00 PM	3:15 PM	15	Bacteriology	The foodborne pathogen that manipulates host cell footprints - links between actin and the extracellular matrix
42445	056	Xiaolun	Sun	Sunday	2-Dec-18	Avenue (4th)	3:15 PM	3:30 PM	15	Bacteriology	Deoxycholic acid modulating anaerobes reduces Campylobacter jejuni chicken colonization
42683	057	Emily	Smith	Sunday	2-Dec-18	Avenue (4th)	3:30 PM	3:45 PM	15	Bacteriology	Pangenome analysis of Ornithobacterium rhinotracheale clinical isolates and vaccine strains from US turkeys
42725	058	Nusrat	Jahan	Sunday	2-Dec-18	Avenue (4th)	3:45 PM	4:00 PM	15	Bacteriology	Comparative genome analyses of avian pathogenic Escherichia coli from commercial turkey and broiler production

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42598	059	Daniel	Nelson	Sunday	2-Dec-18	Avenue (4th)	4:00 PM	4:15 PM	15	Bacteriology	Development of the Ply1 bacteriophage endolysin for treatment of streptococcus suis
42551	060	Tracy	Nicholson	Sunday	2-Dec-18	Avenue (4th)	4:15 PM	4:30 PM	15	Bacteriology	Comparative Genomic and Virulence Analysis of Streptococcus suis Isolates
42722	061	Paul	Coussens	Sunday	2-Dec-18	Marriott (4th)	1:00 PM	1:15 PM	15	Immunology - Cattle	Bovine leukemia virus alters the status of T cells in PBMCs from infected cattle
42589	062	Monika	Dziuba	Sunday	2-Dec-18	Marriott (4th)	1:15 PM	1:30 PM	15	Immunology - Cattle	Effects of bovine leukemia virus on antibody levels in milk, serum, and saliva
42548	063	Ellis	Powell	Sunday	2-Dec-18	Marriott (4th)	1:30 PM	1:45 PM	15	Immunology - Cattle	Mammary gland targeting by pegylated granulocyte colony stimulating factor therapy during a chronic infection
42815	064	Gina	Pighetti	Sunday	2-Dec-18	Marriott (4th)	1:45 PM	2:00 PM	15	Immunology - Cattle	Association of a SNP in TIAM-2 with T lymphocyte recruitment to bovine milk after Streptococcus uberis challenge
42653	065	Adel	Talaat	Sunday	2-Dec-18	Marriott (4th)	2:00 PM	2:15 PM	15	Immunology - Cattle	Persistence and virulence of M. paratuberculosis: a role for global gene regulators in disease and control
42572	066	Justin	DeKuiper	Sunday	2-Dec-18	Marriott (4th)	2:15 PM	2:30 PM	15	Immunology - Cattle	The potential role of IL-17a during Johne's disease progression
42443	067	Matthew	Kuhn	Sunday	2-Dec-18	Marriott (4th)	3:00 PM	3:15 PM	15	Immunology	Targeting cytochromes as bovine inflammatory regulators
42738	068	Cynthia	Baldwin	Sunday	2-Dec-18	Marriott (4th)	3:15 PM	3:30 PM	15	Immunology	Role of the T cell receptor with WC1, a co-receptor/pattern recognition receptor, for bovine $\gamma\delta$ T cell activation
42829	069	Alehegne	Yirsaw	Sunday	2-Dec-18	Marriott (4th)	3:30 PM	3:45 PM	15	Immunology	WC1 multigenic family of $\gamma\delta$ T cell co-receptors and pattern recognition receptors (PRR) in goats
42691	070	Fahad	Raza	Sunday	2-Dec-18	Marriott (4th)	3:45 PM	4:00 PM	15	Immunology	Identification of major Culicoides allergens and immune biomarkers of Culicoides hypersensitivity in United States
42458	071	Woo	Kim	Sunday	2-Dec-18	Marriott (4th)	4:00 PM	4:15 PM	15	Immunology	Detection of chicken heterodimeric interleukin-12 and -23 using specific monoclonal antibodies to the
42606	072	Sreekumari	Rajeev	Sunday	2-Dec-18	Marriott (4th)	4:15 PM	4:30 PM	15	Immunology	Cytokine and antibacterial peptide response in canine whole blood cell cultures stimulated with Leptospira
44447	073	Ab	Osterhaus	Monday	3-Dec-18	Chicago D (5th)	8:30 AM	9:15 AM	45	ACVM - Microbiology & Disease Pathogenesis Featured Speakers	One health approach in combatting emerging infections
43977	074	Qijing	Zhang	Monday	3-Dec-18	Chicago D (5th)	9:15 AM	10:00 AM	45	ACVM - Microbiology & Disease Pathogenesis Featured Speakers	Deciphering bacterial pathogenesis: harnessing the power of genomics and experimental evolution
42872	075	Andrew	Pekosz	Monday	3-Dec-18	Chicago D (5th)	10:30 AM	11:15 AM	45	ACVM - Microbiology & Disease Pathogenesis Featured Speakers	Influenza surveillance and the identification of novel genetic mutations that facilitate virus circulation.
42624	076	Erin	Kettelkamp	Monday	3-Dec-18	Chicago D (5th)	11:15 AM	11:30 AM	15	Microbiology	Bacterial decontamination of supplies entering swine farms with aerosolized aqueous ozone or Synergize
42593	077	Jessica	Kordas	Monday	3-Dec-18	Chicago D (5th)	11:30 AM	11:45 AM	15	Microbiology	Use of UV light chambers to decontaminate surfaces contaminated with bacteria
42488	078	Dongwan	Yoo	Monday	3-Dec-18	Chicago D (5th)	11:45 AM	12:00 PM	15	Microbiology	PRRSV nsp1 binding to Nup62 and disintegration of nuclear pore complex downregulates host cell gene expression
42647	079	Xing-Ping	Li	Monday	3-Dec-18	Chicago E (5th)	8:30 AM	8:45 AM	15	Antimicrobial Use & Resistance	Within-host diversity of colistin resistant Enterobacteriaceae isolated from chicken in China
42514	080	Dipak	Kathayat	Monday	3-Dec-18	Chicago E (5th)	8:45 AM	9:00 AM	15	Antimicrobial Use & Resistance	Small molecule adjuvants potentiate the antimicrobial activity of colistin against avian pathogenic E. coli
42734	081	Jonathan	Moffat	Monday	3-Dec-18	Chicago E (5th)	9:00 AM	9:15 AM	15	Antimicrobial Use & Resistance	Extended-spectrum cephalosporin resistance in Enterobacteriaceae from Canadian turkeys
42437	082	Balako	Donde	Monday	3-Dec-18	Chicago E (5th)	9:15 AM	9:30 AM	15	Antimicrobial Use & Resistance	Isolation and antimicrobial susceptibility pattern of Staphylococcus aureus from livestock milk in Ethiopia
42524	083	Shivdeep Singh	Hayer	Monday	3-Dec-18	Chicago E (5th)	9:30 AM	9:45 AM	15	Antimicrobial Use & Resistance	Genomic basis of fluoroquinolone & 3rd generation cephalosporin resistance in swine clinical E. coli isolates
42828	084	Angelina	Bosman	Monday	3-Dec-18	Chicago E (5th)	9:45 AM	10:00 AM	15	Antimicrobial Use & Resistance	Antimicrobial resistance in enteric bacteria of public health importance from suckling and nursery pigs in Ontario
42716	085	Irene	Bueno	Monday	3-Dec-18	Chicago E (5th)	10:30 AM	10:45 AM	15	Antimicrobial Use & Resistance	Investigation of antibiotic resistance genes in freshwater trout farms in a watershed in Chile
42799	086	Grace	Kulper	Monday	3-Dec-18	Chicago E (5th)	10:45 AM	11:00 AM	15	Antimicrobial Use & Resistance	Characterization of the microbiome and resistome of free-ranging elk and bison, and comparison to cattle
42744	087	Greg	Ballash	Monday	3-Dec-18	Chicago E (5th)	11:00 AM	11:15 AM	15	Antimicrobial Use & Resistance	Recovery of beta-lactamase producing Enterobacteriaceae in free-ranging white-tailed deer in Cleveland, Ohio
42483	088	Sydney	Hayter	Monday	3-Dec-18	Chicago E (5th)	11:15 AM	11:30 AM	15	Antimicrobial Use & Resistance	Antimicrobial resistance patterns from human and cattle isolates of Salmonella Typhimurium in the NARMS database
44084	089	Victoriya	Volkova	Monday	3-Dec-18	Chicago E (5th)	11:30 AM	11:45 AM	15	Antimicrobial Use & Resistance	Analyzing antimicrobial minimum inhibitory concentration (MIC) distributions, continued from the CRWAD 2017
44133	090	Emily	Snyder	Monday	3-Dec-18	Chicago E (5th)	11:45 AM	12:00 PM	15	Antimicrobial Use & Resistance	Characterization of ICes present in Mannheimia haemolytica isolated from high-risk stocker calves
42833	091	Justin	Lee	Monday	3-Dec-18	Chicago A/B (5th)	8:30 AM	8:45 AM	15	Epidemiology - Cattle	Genomic evolution of bluetongue virus in California
42652	092	Muraya	Joan	Monday	3-Dec-18	Chicago A/B (5th)	8:45 AM	9:00 AM	15	Epidemiology - Cattle	Seroprevalence and risk factors of Neospora caninum and BVDV in Kenyan smallholder dairy farms
42757	093	Grant	Dewell	Monday	3-Dec-18	Chicago A/B (5th)	9:00 AM	9:15 AM	15	Epidemiology - Cattle	Pilot project to determine benefit of BVDV testing along with Iowa Green tag preconditioning program
42501	094	Rebecca	LaDronka	Monday	3-Dec-18	Chicago A/B (5th)	9:15 AM	9:30 AM	15	Epidemiology - Cattle	Bovine leukemia virus in U.S. dairy cattle: update on descriptive epidemiology from a national survey
42583	095	Diana	Valencia	Monday	3-Dec-18	Chicago A/B (5th)	9:30 AM	9:45 AM	15	Epidemiology - Cattle	A randomized trial comparing two metaphylaxis protocols for control of bovine respiratory disease in stocker calves
42817	096	Monica	Milstein	Monday	3-Dec-18	Chicago A/B (5th)	9:45 AM	10:00 AM	15	Epidemiology - Cattle	Survey of goat herd health in the Otjiherero area of Namibia and Brucella seroprevalence.
42767	097	Manuel	Jara	Monday	3-Dec-18	Chicago A/B (5th)	10:30 AM	10:45 AM	15	Disease Modeling	Impact of changes in horse movement regulations on the risks of equine infectious anemia in Brazilian farms
42613	098	Jordan	Pelkmans	Monday	3-Dec-18	Chicago A/B (5th)	10:45 AM	11:00 AM	15	Disease Modeling	Scrapie surveillance in Canada: a risk-based approach
42457	099	Afroza	Alker	Monday	3-Dec-18	Chicago A/B (5th)	11:00 AM	11:15 AM	15	Disease Modeling	A modeling toolkit to evaluate a simulated outbreak of foot-and-mouth disease: the Animal Disease Spread Model
42834	100	Shankar	Yadav	Monday	3-Dec-18	Chicago A/B (5th)	11:15 AM	11:30 AM	15	Disease Modeling	Estimation of foot-and-mouth disease infection state durations in cattle
42618	101	Muhammad Usman	Zaheer	Monday	3-Dec-18	Chicago A/B (5th)	11:30 AM	11:45 AM	15	Disease Modeling	Estimating the location and population of animal holdings in developing countries for spatial disease spread models
42778	102	Aurelio	Cabezas	Monday	3-Dec-18	Chicago A/B (5th)	11:45 AM	12:00 PM	15	Disease Modeling	A description of the U.S. livestock industry: spatial and network analysis of interstate animal movements
42786	103	Michael	Apamaku	Monday	3-Dec-18	Chicago C (5th)	8:30 AM	8:45 AM	15	Disease Modeling - Food Animals	Economic Assessment of Control Strategies for a Simulated African Swine fever Epidemic in Northern Uganda
42825	104	Igor	Paploski	Monday	3-Dec-18	Chicago C (5th)	8:45 AM	9:00 AM	15	Disease Modeling - Food Animals	Forecasting outbreaks of PRRS and PED in swine movement networks
42720	105	Benjamin	Blair	Monday	3-Dec-18	Chicago C (5th)	9:00 AM	9:15 AM	15	Disease Modeling - Food Animals	Use of machine learning to predict swine production outcomes as a proxy of the populations health
42520	106	David	Renter	Monday	3-Dec-18	Chicago C (5th)	9:15 AM	9:30 AM	15	Disease Modeling - Food Animals	Risk management strategies to reduce the impacts of bovine respiratory disease complex in commercial feed cattle
42705	107	Dylan	Melmer	Monday	3-Dec-18	Chicago C (5th)	9:30 AM	9:45 AM	15	Disease Modeling - Food Animals	Understanding the Evolution of PRRS Virus in Ontario Using Bayesian Phylogenetics.
42357	108	Yrjo	Grohn	Monday	3-Dec-18	Chicago C (5th)	9:45 AM	10:00 AM	15	Disease Modeling - Food Animals	Mycobacterial Transmission Dynamics in Agriculture: Integrating Phylogenetics, Epidemiology, Ecology, and Economics
42781	109	Yuanyuan	Wang	Monday	3-Dec-18	Chicago C (5th)	10:30 AM	10:45 AM	15	Epidemiology & Communication	Incorporating human behavior to inform disease control policy using factorial survey and predictive learning
42667	110	Charles	Dodd	Monday	3-Dec-18	Chicago C (5th)	10:45 AM	11:00 AM	15	Epidemiology & Communication	Creating the viral poster: improving story-telling ability and communicative value of scientific posters
44341	111	Amanda	Feldpausch	Monday	3-Dec-18	Chicago C (5th)	11:00 AM	11:15 AM	15	Epidemiology & Communication	Evaluation of research finding dissemination in long-term pastoralist community-based research, Tanzania 2018
44095	112	Sheila	Keay	Monday	3-Dec-18	Chicago C (5th)	11:15 AM	11:30 AM	15	Epidemiology & Communication	A survey of swine veterinarians benchmarking priority interests and barriers to knowledge translation (KT)
42515	113	Marisa	Rotolo	Monday	3-Dec-18	Chicago C (5th)	11:30 AM	11:45 AM	15	Epidemiology and Communication	Application of spatially balanced sampling to regional surveillance
42340	114	Ronald	Erskine	Monday	3-Dec-18	Chicago C (5th)	11:45 AM	12:00 PM	15	Epidemiology and Communication	Association of decreased milk yield with delayed (bimodal) milk ejection
42812	115	Chika	Okafor	Monday	3-Dec-18	Chicago F/G (5th)	8:30 AM	8:45 AM	15	Antimicrobial Use - Food Animals	Perceptions of Tennessee cattle producers towards the Veterinary Feed Directive

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42814	116	Chika	Okafor	Monday	3-Dec-18	Chicago F/G (5th)	8:45 AM	9:00 AM	15	Antimicrobial Use - Food Animals	A survey of antimicrobial use practices of Tennessee beef producers, 2018
42805	117	Chika	Okafor	Monday	3-Dec-18	Chicago F/G (5th)	9:00 AM	9:15 AM	15	Antimicrobial Use - Food Animals	Epidemiology of antimicrobial use practices among Tennessee dairy cattle producers
42436	118	Laurel	Redding	Monday	3-Dec-18	Chicago F/G (5th)	9:15 AM	9:30 AM	15	Antimicrobial Use - Food Animals	Quantification of antibiotic use on Pennsylvania dairy farms
42803	119	Michelle	Wemette	Monday	3-Dec-18	Chicago F/G (5th)	9:30 AM	9:45 AM	15	Antimicrobial Use - Food Animals	A survey of the United States public's perceptions of antibiotic use in dairy farming
42782	120	Stephanie	Brault	Monday	3-Dec-18	Chicago F/G (5th)	9:45 AM	10:00 AM	15	Antimicrobial Use - Food Animals	A review of dose-based antimicrobial use indicators in production animals
44112	121	Melissa	MacKinnon	Monday	3-Dec-18	Chicago F/G (5th)	10:30 AM	10:45 AM	15	Antimicrobial Use & Resistance	Analysis of the burden due to antimicrobial resistance in human E. coli infections: a systematic review
42672	122	Sheryl	Gow	Monday	3-Dec-18	Chicago F/G (5th)	10:45 AM	11:00 AM	15	Antimicrobial Use & Resistance	CIPARS antimicrobial use and resistance in Canadian pigs at farm, abattoir and retail; 12 years of data
42753	123	Karen	De Bruyn	Monday	3-Dec-18	Chicago F/G (5th)	11:00 AM	11:15 AM	15	Antimicrobial Use & Resistance	Growth performance in antibiotic-free and conventional swine nursery herds in Ontario
44111	124	Zhangqi	Shen	Monday	3-Dec-18	Chicago F/G (5th)	11:15 AM	11:30 AM	15	Antimicrobial Use & Resistance	The emerging erm(B) mediated macrolide resistance associated with novel MDRGIs in Campylobacter
42465	125	Keri	Norman	Monday	3-Dec-18	Chicago F/G (5th)	11:30 AM	11:45 AM	15	Antimicrobial Use & Resistance	Effects of antibiotics on intestinal and extra-intestinal MDR and pan-susceptible Salmonella in swine
42795	126	Yasser	Sanad	Monday	3-Dec-18	Chicago F/G (5th)	11:45 AM	12:00 PM	15	Antimicrobial Use & Resistance	Evaluation of virulence and antimicrobial resistance in incompatibility Group FIB plasmid-positive Salmonella
42446	127	Sankar	Renu	Monday	3-Dec-18	Avenue (4th)	8:30 AM	8:45 AM	15	Vaccines & Vaccinology - Poultry	Oral drinking water delivered chitosan-Salmonella nanovaccine for poultry
42619	128	Graham	Redweik	Monday	3-Dec-18	Avenue (4th)	8:45 AM	9:00 AM	15	Vaccines & Vaccinology - Poultry	Probiotics and live Salmonella vaccine reduce mucosal immunity and alter neurochemical profile in chicken intestine
42407	129	Haroldo	Toro	Monday	3-Dec-18	Avenue (4th)	9:00 AM	9:15 AM	15	Vaccines & Vaccinology - Poultry	Early vaccination induces sub-optimal immunity against avian infectious bronchitis virus
42867	130	Kenneth	Roland	Monday	3-Dec-18	Avenue (4th)	9:15 AM	9:30 AM	15	Vaccines & Vaccinology - Poultry	Vaccine for the prevention of necrotic enteritis in poultry
42559	131	Ximin	Zeng	Monday	3-Dec-18	Avenue (4th)	9:30 AM	9:45 AM	15	Vaccines & Vaccinology - Poultry	Efficacy of enterobactin conjugate vaccines to induce enterobactin specific egg yolk antibodies
42418	132	Amir	Ghorbani	Monday	3-Dec-18	Avenue (4th)	9:45 AM	10:00 AM	15	Vaccines & Vaccinology - Poultry	Heterologous and heterosubtypic protection by live and inactivated vaccines against avian influenza in chickens
42771	133	Cesar	Amorim-Moura	Monday	3-Dec-18	Avenue (4th)	10:30 AM	10:45 AM	15	Vaccines & Vaccinology - Pigs	Improved reporting of REFLECT statement items in swine vaccine trials since 2010
42544	134	AGM	Rakibuzzaman	Monday	3-Dec-18	Avenue (4th)	10:45 AM	11:00 AM	15	Vaccines & Vaccinology - Pigs	Designing epitope-based vaccines for enhanced immunity and detection
42678	135	Glenn	Harmonic	Monday	3-Dec-18	Avenue (4th)	11:00 AM	11:15 AM	15	Vaccines & Vaccinology - Pigs	Evaluating immune cell recruitment in response to vaccine adjuvants delivered by intradermal vaccination in sows
42756	136	Amanda	Amaral	Monday	3-Dec-18	Avenue (4th)	11:15 AM	11:30 AM	15	Vaccines & Vaccinology - Pigs	Establishing the pig as a model for Chlamydia trachomatis vaccine development
42615	137	Swan	Tan	Monday	3-Dec-18	Avenue (4th)	11:30 AM	11:45 AM	15	Vaccines & Vaccinology - Pigs	Predicting swine flu vaccine efficacy: Assessing T cell epitope cross-conservation in vaccine and field strains
42710	138	Haiyan	Sun	Monday	3-Dec-18	Avenue (4th)	11:45 AM	12:00 PM	15	Vaccines & Vaccinology - Pigs	Evaluation of the protective efficacy of a consensus hemagglutinin subunit vaccine of swine influenza virus
44057	139	Gun	Temeeyasen	Monday	3-Dec-18	Marriott (4th)	8:30 AM	8:45 AM	15	Immunology	Upregulation of pro-inflammatory cytokine in NCI-H1299 cells following Senecavirus A infection
42797	140	Maria	Merodio	Monday	3-Dec-18	Marriott (4th)	8:45 AM	9:00 AM	15	Immunology	Colonization and immunological response of Mycoplasma hyorhinis in experimentally infected swine
42793	141	Juan Carlos	Mora-Diaz	Monday	3-Dec-18	Marriott (4th)	9:00 AM	9:15 AM	15	Immunology	Characterization of immune response against porcine hemagglutinating encephalomyelitis virus in grow-finisher pigs
42575	142	Kristen	Byrne	Monday	3-Dec-18	Marriott (4th)	9:15 AM	9:30 AM	15	Immunology	Bacillus Calmette-Guerin (BCG) induces innate training in porcine monocytes
42762	143	Javier	Garza	Monday	3-Dec-18	Marriott (4th)	9:30 AM	9:45 AM	15	Immunology	Neutrophils from Suffolk sheep exhibit impaired responses to larval stages of Haemonchus contortus
42869	144	Oriol	Sunyer	Monday	3-Dec-18	Marriott (4th)	9:45 AM	10:00 AM	15	Immunology	Discovery of primordial semi-organized lymphoid tissue in teleost fish
42355	145	Yuly Alexandra	Hena-Diaz	Monday	3-Dec-18	Marriott (4th)	10:30 AM	10:45 AM	15	Epidemiology	PRRSv oral fluid ELISA performance comparison among three commercial kits.
42354	146	Yuly Alexandra	Hena-Diaz	Monday	3-Dec-18	Marriott (4th)	10:45 AM	11:00 AM	15	Epidemiology	Role of collared peccary (Pecari tajacu) in the ecology of PRRSV?
42662	147	Dylan	Melmer	Monday	3-Dec-18	Marriott (4th)	11:00 AM	11:15 AM	15	Epidemiology	Development of a system to monitor incidence and clinical impact of PRRS virus in Ontario sow herds
42631	148	Vickie	Ruggiero	Monday	3-Dec-18	Marriott (4th)	11:15 AM	11:30 AM	15	Epidemiology	Evaluating control of bovine leukemia virus in dairy herds
42377	149	Fernando	Marques	Monday	3-Dec-18	Marriott (4th)	11:30 AM	11:45 AM	15	Epidemiology	The effect of foot-and-mouth disease (FMD) vaccination on early pregnancy loss in beef heifers.
44125	150	Reta	Abdi	Monday	3-Dec-18	Marriott (4th)	11:45 AM	12:00 PM	15	Epidemiology	Epidemiology of camelpox in Afar region of Ethiopia
43628	151	Andrea	Lear	Monday	3-Dec-18	Chicago D (5th)	2:00 PM	2:45 PM	15	Immunology	Exploring placental immunity: exosomal cargo in pregnant sheep infected with bovine viral diarrhoea virus
42849	152	Laurel	Gerswin	Monday	3-Dec-18	Chicago D (5th)	2:15 PM	3:00 PM	45	AAVI - SMI Mini Symposium	Comparative Immunobiology: from asthma to vaccines (Distinguished Veterinary Immunologist presentation)
44328	153	Mick	Bailey	Monday	3-Dec-18	Chicago D (5th)	3:00 PM	3:30 PM	30	AAVI - SMI Mini Symposium	Mucosal immune development in pig intestines related to gut microbiota
44098	154	Michael	Kogut	Monday	3-Dec-18	Chicago D (5th)	4:15 PM	4:45 PM	30	AAVI - SMI Mini Symposium	Gut health in food animals, especially in chickens
43964	155	Artur	Summerfield	Monday	3-Dec-18	Chicago D (5th)	4:45 PM	5:15 PM	30	AAVI - SMI Mini Symposium	Delineating dendritic cell subsets and their responses to classical swine fever virus infection in lymphoid tissue
42398	156	Uladimir	Karnychuk	Monday	3-Dec-18	Chicago D (5th)	5:15 PM	5:45 PM	30	AAVI - SMI Mini Symposium	Uterine and fetal responses to Zika virus infection in the porcine model
42637	157	Margaret	Weinroth	Monday	3-Dec-18	Chicago E (5th)	2:00 PM	2:15 PM	15	Metagenomic Assessment of Antimicrobial Resistance	Metagenomic characterization of antimicrobial resistance in cull cows at slaughter
42792	158	Kevin	Thomas	Monday	3-Dec-18	Chicago E (5th)	2:15 PM	2:30 PM	15	Metagenomic Assessment of Antimicrobial Resistance	A comparison of the resistome and microbiome of conventional and natural retail ground beef products
42642	159	Enrique	Doster	Monday	3-Dec-18	Chicago E (5th)	2:30 PM	2:45 PM	15	Metagenomic Assessment of Antimicrobial Resistance	Metagenomic characterization of the microbiome and resistome in ground beef
42640	160	Enrique	Doster	Monday	3-Dec-18	Chicago E (5th)	2:45 PM	3:00 PM	15	Metagenomic Assessment of Antimicrobial Resistance	Antimicrobial use in beef feedlots: effects on microbiome and resistome dynamics
42582	161	Ece	Bulut	Monday	3-Dec-18	Chicago E (5th)	3:00 PM	3:15 PM	15	Metagenomic Assessment of Antimicrobial Resistance	Transfer of antimicrobial resistance from beef cattle with different antimicrobial uses through manure management
42714	162	Emily	Kastendieck	Monday	3-Dec-18	Chicago E (5th)	3:15 PM	3:30 PM	15	Metagenomic Assessment of Antimicrobial Resistance	A bioinformatics approach to mobile genetic elements: understanding the ecology in a feedlot setting.
42492	163	Nasr-Eldin	Aref	Monday	3-Dec-18	Chicago E (5th)	4:15 PM	4:30 PM	15	Antimicrobial Use & the Microbiome	Gut microbiome ecosystem in ceftiofur-challenged preweaned lambs
42822	164	Torey	Looft	Monday	3-Dec-18	Chicago E (5th)	4:30 PM	4:45 PM	15	Antimicrobial Use & the Microbiome	The in-feed antibiotic bacitracin modulates microbiome and metabolome profiles in a dose-dependent manner
42611	165	Carl Gilbert	Basbas	Monday	3-Dec-18	Chicago E (5th)	4:45 PM	5:00 PM	15	Antimicrobial Use & the Microbiome	Effect of dry cow antimicrobial treatment on fresh cow's milk microbiota
42494	166	Mohamed	Zeineldin	Monday	3-Dec-18	Chicago E (5th)	5:00 PM	5:15 PM	15	Antimicrobial Use & the Microbiome	Perinatal tulathromycin administration enriched early life antimicrobial resistome in piglets.
44124	167	Tara Nath	Gaire	Monday	3-Dec-18	Chicago E (5th)	5:15 PM	5:30 PM	15	Antimicrobial Use & the Microbiome	Age dynamics of fecal microbiome composition and AMR are similar in production and breeder swine
44463	168	Katherine	Worsley-Tonks	Monday	3-Dec-18	Chicago E (5th)	5:30 PM	5:45 PM	15	Antimicrobial Use & the Microbiome	Antimicrobial resistance in urban mesocarnivores
42539	169	Colleen	Webb	Monday	3-Dec-18	Chicago A/B (5th)	2:00 PM	2:15 PM	15	Disease Modeling	Estimation and comparison of foot and mouth disease spatial spread parameters for three outbreaks
42464	170	Montse	Torremorell	Monday	3-Dec-18	Chicago A/B (5th)	2:15 PM	2:30 PM	15	Disease Modeling	Characterization of influenza diversity in piglets and risk factors for diversity: role of sow vaccination
42743	171	Igor	Paploski	Monday	3-Dec-18	Chicago A/B (5th)	2:30 PM	2:45 PM	15	Disease Modeling	Spatiotemporal patterns of different genetic subtypes of PRRS in pig movement networks
42809	172	Manuel	Jara	Monday	3-Dec-18	Chicago A/B (5th)	2:45 PM	3:00 PM	15	Disease Modeling	Spatial distribution and spread of Leptospira serovars in Brazil and New Zealand using ecological niche models
42521	173	Casey	Cazer	Monday	3-Dec-18	Chicago A/B (5th)	3:00 PM	3:15 PM	15	Disease Modeling	Network analysis applied to association rules identifies resistance patterns in chicken-associated Escherichia coli
42791	174	Ilya	Slizovskiy	Monday	3-Dec-18	Chicago A/B (5th)	3:15 PM	3:30 PM	15	Disease Modeling	Characterizing risks of mobilizing antibiotic resistance in beef production: A metagenomics-network approach
42626	175	Oscar	Benitez	Monday	3-Dec-18	Chicago A/B (5th)	4:15 PM	4:30 PM	15	Epidemiology	Effect of bovine leukosis virus on beef cow longevity
42789	176	Juan Carlos	Mora-Diaz	Monday	3-Dec-18	Chicago A/B (5th)	4:30 PM	4:45 PM	15	Epidemiology	Seroprevalence of Porcine hemagglutinating encephalomyelitis virus in sow herds in the United States

Submission ID	Program ID	Presenter First Name	Presenter Last Name	Day	Date	Room (Floor)	Start Time	Stop Time	Duration (min)	Session Title	ABSTRACT TITLE
43941	177	Elissa	Giang	Monday	3-Dec-18	Chicago A/B (5th)	4:45 PM	5:00 PM	15	Epidemiology	Estimating the Basic Reproduction Number of a Streptococcus suis outbreak within a swine herd in Ontario, Canada
42868	178	Kaitlin	Wurtz	Monday	3-Dec-18	Chicago A/B (5th)	5:00 PM	5:15 PM	15	Epidemiology	Reducing production losses using behavioral and genomic tools to identify pigs suited for group living
42523	179	Natalia	Uribe Corrales	Monday	3-Dec-18	Chicago A/B (5th)	5:15 PM	5:30 PM	15	Epidemiology	Relationship between pre-slaughter handling plus welfare practices on pork quality in Valle de Aburrá, Colombia
42766	180	Leann	Denich	Monday	3-Dec-18	Chicago A/B (5th)	5:30 PM	5:45 PM	15	Epidemiology	Investigation into the serotypes of Streptococcus suis in nursery pigs from Ontario, Canada
42749	181	William	Love	Monday	3-Dec-18	Chicago C (5th)	2:00 PM	2:15 PM	15	Antimicrobial Use & Resistance - Companion Animals	Selection of methicillin-resistant Staphylococcus pseudintermedius by non-β-lactam antimicrobials in dogs
42603	182	Sondra	Lavigne	Monday	3-Dec-18	Chicago C (5th)	2:15 PM	2:30 PM	15	Antimicrobial Use & Resistance - Companion Animals	Barriers to improving antibiotic prescribing behavior among companion animal veterinarians: cost is key
42711	183	Daniel	Qekwana	Monday	3-Dec-18	Chicago C (5th)	2:30 PM	2:45 PM	15	Antimicrobial Use & Resistance - Companion Animals	Occurrence and predictors of respiratory tract infection and antimicrobial resistance among dogs, South Africa
42558	184	Rachael	Adams	Monday	3-Dec-18	Chicago C (5th)	2:45 PM	3:00 PM	15	Antimicrobial Use & Resistance - Companion Animals	Intrauterine antibiotic infusion increases antimicrobial resistance in the reproductive microbiota of mares
42309	185	Laura	Huber	Monday	3-Dec-18	Chicago C (5th)	3:00 PM	3:15 PM	15	Antimicrobial Use & Resistance - Companion Animals	Epidemiology of macrolide and rifampicin resistance in isolates of Rhodococcus equi at horse farms in the USA.
42316	186	Sonsiray	Álvarez-Narváez	Monday	3-Dec-18	Chicago C (5th)	3:15 PM	3:30 PM	15	Antimicrobial Use & Resistance - Companion Animals	Paradoxical evidence of clonal spread of macrolide- and rifampin-resistant R. equi isolates
42677	187	Bishnu	Adhikari	Monday	3-Dec-18	Chicago C (5th)	4:15 PM	4:30 PM	15	Antibiotic Alternatives	Evaluation of Bacillus direct-fed microbial for control of necrotic enteritis in chickens
42681	188	Timothy	Johnson	Monday	3-Dec-18	Chicago C (5th)	4:30 PM	4:45 PM	15	Antibiotic Alternatives	Antibiotic-free alternatives to improve health and performance in commercial turkeys
44134	189	Maisie	Dawes	Monday	3-Dec-18	Chicago C (5th)	4:45 PM	5:00 PM	15	Antibiotic Alternatives	A novel host-associated non-traditional antimicrobial agent, exhibits immune regulatory function
42364	190	Xiaohui	Zhou	Monday	3-Dec-18	Chicago C (5th)	5:00 PM	5:15 PM	15	Antibiotic Alternatives	Nanoparticle delivery of CRISPR/Cas9-based antimicrobials
42739	191	Klibb	Galvao	Monday	3-Dec-18	Chicago C (5th)	5:15 PM	5:30 PM	15	Antibiotic Alternatives	Using chitosan microparticles to treat metritis in lactating dairy cows.
44099	192	Clare	Ryan	Monday	3-Dec-18	Chicago C (5th)	5:30 PM	5:45 PM	15	Antibiotic Alternatives	Effect of ceftiofur crystalline- free acid administration on gastrointestinal microbiota of healthy adult horses
42517	193	Ameer	Megahed	Monday	3-Dec-18	Chicago F/G (5th)	2:00 PM	2:15 PM	15	Microbiome	Impacts of environmental complexity on microbial community characteristics in growing pigs
42527	194	Tariku	Beyene	Monday	3-Dec-18	Chicago F/G (5th)	2:15 PM	2:30 PM	15	Antimicrobial Use & the Microbiome	Antimicrobial resistance in gut bacteria of cattle administered with metaphylactic and therapeutic antimicrobials
42699	195	Sarah	Hill	Monday	3-Dec-18	Chicago F/G (5th)	2:30 PM	2:45 PM	15	Microbiome	Association between the tonsil microbiota and clinical Streptococcus suis infection
42467	196	Hannah	Pilch	Monday	3-Dec-18	Chicago F/G (5th)	2:45 PM	3:00 PM	15	Microbiome	Characterization of the Microbiota of Recycled Dairy Bedding Sand and the Ability of Salmonella to Persist
42703	197	Sarah	Raabis	Monday	3-Dec-18	Chicago F/G (5th)	3:00 PM	3:15 PM	15	Microbiome	The nasopharyngeal microbiota of pre-weaned dairy calves with and without ultrasonographic lung lesions
42820	198	Christopher	Dean	Monday	3-Dec-18	Chicago F/G (5th)	3:15 PM	3:30 PM	15	Microbiome	Sampling considerations for conducting large-scale microbial ecology studies of cow udder epithelium.
42804	199	Robert	Valeris-Chacin	Monday	3-Dec-18	Chicago F/G (5th)	4:15 PM	4:30 PM	15	Microbiome	Campylobacter and microbiome interactions in broiler litter: a matched case-control study
42454	200	John	Dunn	Monday	3-Dec-18	Chicago F/G (5th)	4:30 PM	4:45 PM	15	Microbiome	The role of host genetic resistance and vaccination on transmission of Marek's disease virus in poultry
42518	201	John	Ngunjiri	Monday	3-Dec-18	Chicago F/G (5th)	4:45 PM	5:00 PM	15	Microbiome	Respiratory microbiota of chicken layers: diversity, dynamics, and correlations with vaccines & infections
42670	202	Melha	Mellata	Monday	3-Dec-18	Chicago F/G (5th)	5:00 PM	5:15 PM	15	Microbiome	Genetic and biological stress markers of layers from different commercial poultry housing systems
42552	203	Emily	Cook	Monday	3-Dec-18	Chicago F/G (5th)	5:15 PM	5:30 PM	15	Microbiome	Sampling method: the first obstacle in next generation sequencing studies in a veterinary hospital environment
43592	204	Kiran	Afshan	Monday	3-Dec-18	Chicago F/G (5th)	5:30 PM	5:45 PM	15	Microbiome	Genetic diversity of Gigantocotyle explanatum (Trematoda: Paramphistomidae) from buffalo, Pakistan
42701	205	Lee Ann	Lyons	Monday	3-Dec-18	Avenue (4th)	2:00 PM	2:15 PM	15	Zoonosis	I-TICK: increasing tick surveillance in Illinois through collaboration between governmental, academic, and citizen
42636	207	Cassie	Cain	Monday	3-Dec-18	Avenue (4th)	2:30 PM	2:45 PM	15	Zoonosis	Factors associated with rabies vaccination of dog shelter workers
42533	208	Michael	Omodo	Monday	3-Dec-18	Avenue (4th)	2:45 PM	3:00 PM	15	Zoonosis	Characterization of circulating rabies virus in animals and knowledge, attitude and practice on rabies in Uganda
44120	209	Pacharapong	Khrongsee	Tuesday	4-Dec-18	Avenue (4th)	3:00 PM	3:15 PM	15	Zoonosis	Case report: first successful treatment and management of canine melioidosis
42529	210	Tariku	Beyene	Monday	3-Dec-18	Avenue (4th)	3:15 PM	3:30 PM	15	Zoonosis	One-health approach to evaluate canine rabies vaccination in Ethiopia
42706	211	Thai	Pham Quang	Monday	3-Dec-18	Avenue (4th)	4:15 PM	4:30 PM	15	Zoonosis	The model of anthrax transmission in human and animal in Vietnam
42730	212	Jennifer	Rossouw	Monday	3-Dec-18	Avenue (4th)	4:30 PM	4:45 PM	15	Zoonosis	Seroprevalence and risk factors of human Brucellosis in a farming community in South Africa, 2015-2016
42695	213	Pius	Ekong	Monday	3-Dec-18	Avenue (4th)	4:45 PM	5:00 PM	15	Zoonosis	A systematic review of seroprevalence of Rift Valley fever in humans, livestock, and wildlife in affected regions
44117	214	Treenate	Jirnantasak	Monday	3-Dec-18	Avenue (4th)	5:00 PM	5:15 PM	15	Zoonosis	Serodiagnosis of swine melioidosis in intensive pig farming systems in southern Thailand
42512	215	Hu Suk	Lee	Monday	3-Dec-18	Avenue (4th)	5:15 PM	5:30 PM	15	Zoonosis	Seroprevalence of zoonotic diseases (leptospirosis and Japanese encephalitis) in swine from 10 provinces in Vietnam
42660	216	Rory	O'Shaughnessy	Monday	3-Dec-18	Avenue (4th)	5:30 PM	5:45 PM	15	Zoonosis	Clostridium difficile on Ohio swine farms: Comparing swine and human environments and assessing on-farm risk factors
42751	217	Daniel	Ciobanu	Monday	3-Dec-18	Marriott (4th)	2:00 PM	2:15 PM	15	Virology	Investigation of host genetic role in PCV2 and PRRSV susceptibility
42645	218	Aram	Kang	Monday	3-Dec-18	Marriott (4th)	2:15 PM	2:30 PM	15	Virology	Sputum processing method for rapid diagnosis of Middle East respiratory syndrome coronavirus (MERS-CoV)
42473	219	Gerlinde	Van de Walle	Monday	3-Dec-18	Marriott (4th)	2:30 PM	2:45 PM	15	Virology	Characterization of recently discovered liver-tropic viruses in horses
42432	220	Kyuyoung	Lee	Monday	3-Dec-18	Marriott (4th)	2:45 PM	3:00 PM	15	Virology	Genomics-informed reconstruction of global migration of Equine influenza virus identified from 2012 to 2017
42707	221	Yoshihiro	Izumiya	Monday	3-Dec-18	Marriott (4th)	3:00 PM	3:15 PM	15	Virology	Oncogenic Pathways of Marek's Disease Virus; Viral Non-coding RNA Expression and Replication
42715	222	Patricia	Boley	Monday	3-Dec-18	Marriott (4th)	3:15 PM	3:30 PM	15	Virology	Susceptibility of layer chickens to infection by porcine deltacoronavirus
42412	223	S.	Rodriguez-Zas	Monday	3-Dec-18	Marriott (4th)	4:15 PM	4:30 PM	15	Porcine Reproductive & Respiratory Syndrome Virus	Impact of PRRSV infection during pregnancy on metabolic indicators
42545	224	Yanhua	Li	Monday	3-Dec-18	Marriott (4th)	4:30 PM	4:45 PM	15	Porcine Reproductive & Respiratory Syndrome Virus	Interactome analysis of nsp1beta protein of porcine reproductive and respiratory syndrome virus
42428	225	Young	Tang	Monday	3-Dec-18	Marriott (4th)	4:45 PM	5:00 PM	15	Porcine Reproductive & Respiratory Syndrome Virus	Control of PRRSV infection by inhibition of CD163 expression in pig macrophages
42959	226	Xingyu	Yan	Monday	3-Dec-18	Marriott (4th)	5:00 PM	5:15 PM	15	Porcine Reproductive & Respiratory Syndrome Virus	Genetic characterization of emerging PRRSV in the U.S.: new features of -2/-1 ribosome frameshifting in nsp2 region
42732	227	Ana	Stoian	Monday	3-Dec-18	Marriott (4th)	5:15 PM	5:30 PM	15	Porcine Reproductive & Respiratory Syndrome Virus	Domains and peptide sequences in CD163 involved in recognition by PRRSV
44094	228	Andrea	Doeschl-Wilson	Monday	3-Dec-18	Marriott (4th)	5:30 PM	5:45 PM	15	Porcine Reproductive & Respiratory Syndrome Virus	Is PRRSV viremia rebound preventable? Evidence from a data-supported mechanistic model of the immune response
44238	229	Julia	Szymczak	Tuesday	4-Dec-18	Chicago D (5th)	8:30 AM	9:15 AM	45	Population Health Featured Speakers	The Social Determinants of Prescribing: Leveraging Social Science to Improve the Use of Antibiotics
44136	230	Chong	Wang	Tuesday	4-Dec-18	Chicago D (5th)	9:15 AM	10:00 AM	45	Population Health Featured Speakers	Spatio-temporal approaches to surveillance sampling for disease detection
44129	231	Beatriz	Martinez-López	Tuesday	4-Dec-18	Chicago D (5th)	10:30 AM	11:15 AM	45	Population Health Featured Speakers	Big data and smart-connected epidemiology in practice: the value for prevention and control of infectious diseases
42306	232	Lauren	Wisnieski	Tuesday	4-Dec-18	Chicago D (5th)	11:15 AM	11:30 AM	15	AVEPM - Mark Gearhart Award	Predictive modeling for detection of dairy cattle at risk of transition diseases as early as dry-off
42584	233	Laura	Bassel	Tuesday	4-Dec-18	Chicago D (5th)	11:30 AM	11:45 AM	15	Epidemiology	Mannheimia haemolytica & Mycoplasma bovis in the nasal cavity of feedlot cattle: temporal and disease associations

Submission ID	Program ID	Presenter First Name	Presenter Last Name	Day	Date	Room (Floor)	Start Time	Stop Time	Duration (min)	Session Title	ABSTRACT TITLE
42654	234	Mary	DeBey	Tuesday	4-Dec-18	Chicago D (5th)	11:45 AM	12:00 PM	15	Epidemiology	Dietary supplementation effects of L-carnitine &/or L-carnosine on plasma metabolites and body composition of cats
42689	235	Alison	Stout	Tuesday	4-Dec-18	Chicago E (5th)	8:30 AM	8:45 AM	15	Foodborne Pathogens	Modeling public health effects of immune priming by naturally occurring virulence attenuated <i>Listeria monocytogenes</i>
42502	236	Joaquin	Baruch	Tuesday	4-Dec-18	Chicago E (5th)	8:45 AM	9:00 AM	15	Foodborne Pathogens	Enterohemorrhagic <i>Escherichia coli</i> (EHEC) prevalence on hides and feces of cull dairy cattle at harvest
42609	237	Hannah	Seeger	Tuesday	4-Dec-18	Chicago E (5th)	9:00 AM	9:15 AM	15	Foodborne Pathogens	Nonpathogenic <i>E. coli</i> fecal shedding and environmental survival in a pen of orally-inoculated feedlot steers
42597	238	Zachary	Stromberg	Tuesday	4-Dec-18	Chicago E (5th)	9:15 AM	9:30 AM	15	Foodborne Pathogens	Lon protease is upregulated in Shiga toxin-producing <i>Escherichia coli</i> strains during intestinal colonization
44092	239	Sarah	Remfry	Tuesday	4-Dec-18	Chicago E (5th)	9:30 AM	9:45 AM	15	Foodborne Pathogens	Prevalence of Shiga toxin-producing <i>Escherichia coli</i> in finisher pig feces from commercial production systems
42776	240	Mori	Atobatele	Tuesday	4-Dec-18	Chicago E (5th)	9:45 AM	10:00 AM	15	Foodborne Pathogens	Detection, isolation, and antimicrobial susceptibility testing of <i>Salmonella enterica</i> from wheat grain samples
44126	241	Roksolana	Hovdey	Tuesday	4-Dec-18	Chicago E (5th)	10:30 AM	10:45 AM	15	Foodborne Pathogens	Investigating acute environmental drivers of human verocytotoxinogenic <i>Escherichia coli</i> infections in Ontario
44130	242	Sylvia	Checkley	Tuesday	4-Dec-18	Chicago E (5th)	10:45 AM	11:00 AM	15	Foodborne Pathogens	Epidemiology of Shiga Toxin-Producing and Antimicrobial Resistant <i>Escherichia coli</i> in southern Alberta Well Water
42550	243	Margaret	Khaitas	Tuesday	4-Dec-18	Chicago E (5th)	11:00 AM	11:15 AM	15	Foodborne Pathogens	Efficiency and quality of six surfaces in drying <i>Haplochromis</i> sp (enkejje) at Rubare fish landing site in Uganda
42478	244	Matthew	Sylte	Tuesday	4-Dec-18	Chicago E (5th)	11:15 AM	11:30 AM	15	Foodborne Pathogens	Identifying selective media and isolates of <i>Campylobacter jejuni</i> to experimentally colonize turkey poult
42516	245	Ameer	Megahed	Tuesday	4-Dec-18	Chicago E (5th)	11:30 AM	11:45 AM	15	Foodborne Pathogens	Antimicrobial efficacy of ozone on <i>Salmonella</i> contaminated chicken carcasses using the sequential washing system
42346	246	Andreas	Baumler	Tuesday	4-Dec-18	Chicago E (5th)	11:45 AM	12:00 PM	15	Foodborne Pathogens	Commensal Enterobacteriaceae protect against <i>Salmonella</i> colonization by competing for oxygen
42663	247	Anthony	Blikslager	Tuesday	4-Dec-18	Chicago A/B (5th)	8:30 AM	8:45 AM	15	Disease Pathogenesis	Piglets have reduced epithelial wound healing associated with an immature enteric glial cell network
42837	248	Hanjun	Kim	Tuesday	4-Dec-18	Chicago A/B (5th)	8:45 AM	9:00 AM	15	Disease Pathogenesis	Serological profiles of sows and their offspring after experimental infection with Seneca Valley virus (SVV)
42301	249	Ashley	Putman	Tuesday	4-Dec-18	Chicago A/B (5th)	9:00 AM	9:15 AM	15	Disease Pathogenesis	Oxylipid profiles of dairy cattle vary throughout the transition into early mammary gland involution
42604	250	Jeremy	Taylor	Tuesday	4-Dec-18	Chicago A/B (5th)	9:15 AM	9:30 AM	15	Disease Pathogenesis	Tripartite collaborative: identification of regulatory element variants impeding immune response to BRD pathogens
42845	251	Derek	Bickhart	Tuesday	4-Dec-18	Chicago A/B (5th)	9:30 AM	9:45 AM	15	Disease Pathogenesis	Reassembly of cattle immune gene clusters for quantitative analysis
42785	252	Linda	Mansfield	Tuesday	4-Dec-18	Chicago A/B (5th)	9:45 AM	10:00 AM	15	Disease Pathogenesis	Human microbiota influenced <i>Campylobacter jejuni</i> colonization and autoimmunity more than host genetic background
42651	253	Susan	Lamont	Tuesday	4-Dec-18	Chicago A/B (5th)	10:30 AM	10:45 AM	15	Disease Pathogenesis	Rapid transcriptome responses in chicken spleen to avian pathogenic <i>E. coli</i> infection: US-UK collaborative research
42370	254	Douglas	Rhoads	Tuesday	4-Dec-18	Chicago A/B (5th)	10:45 AM	11:00 AM	15	Disease Pathogenesis	Validation of a SNP panel for selection for ascites resistance in broilers
44114	255	Mostafa	Hanafy	Tuesday	4-Dec-18	Chicago A/B (5th)	11:00 AM	11:15 AM	15	Disease Pathogenesis	Respiratory Models for non-tuberculous mycobacterial infections
42832	256	Cyprianna	Swiderski	Tuesday	4-Dec-18	Chicago A/B (5th)	11:15 AM	11:30 AM	15	Disease Pathogenesis	HCN4 mediates airway hyper-responsiveness in pasture-associated severe equine asthma
42801	257	Sandra	Taylor	Tuesday	4-Dec-18	Chicago A/B (5th)	11:30 AM	11:45 AM	15	Disease Pathogenesis	Ascorbic acid and low-dose hydrocortisone therapy in an equine model of sepsis
42607	258	Nicholas	Negretti	Tuesday	4-Dec-18	Chicago A/B (5th)	11:45 AM	12:00 PM	15	Disease Pathogenesis	<i>Campylobacter jejuni</i> manipulates trafficking in intestinal epithelial cells to promote survival
42543	259	Aarti	Sanglikar	Tuesday	4-Dec-18	Chicago C (5th)	8:30 AM	8:45 AM	15	Epidemiology - Companion Animals	How long will my horse shed <i>Salmonella</i> ? - A preliminary evaluation
42641	260	Nadine	Vogt	Tuesday	4-Dec-18	Chicago C (5th)	8:45 AM	9:00 AM	15	Epidemiology - Companion Animals	Efficacy of the <i>Borrelia burgdorferi</i> vaccine in dogs in North America: a systematic review and meta-analysis
42659	261	Christina	Loftin	Tuesday	4-Dec-18	Chicago C (5th)	9:00 AM	9:15 AM	15	Epidemiology - Companion Animals	Survey of humane organizations that care for dogs in Colorado, Michigan, Mississippi, Pennsylvania and Oklahoma
42627	262	Kimberly	Woodruff	Tuesday	4-Dec-18	Chicago C (5th)	9:15 AM	9:30 AM	15	Epidemiology - Companion Animals	Number of dogs entering shelters in 5 states and factors affecting their outcomes: a study of the sheltering system
43931	263	Mohammad	Howard-Azzeh	Tuesday	4-Dec-18	Chicago C (5th)	9:30 AM	9:45 AM	15	Epidemiology - Companion Animals	Identifying risk factors contributing to opioid poisonings in U.S. pet dogs using data from a Poison Control Center
44342	264	Amanda	Feldpausch	Tuesday	4-Dec-18	Chicago C (5th)	9:45 AM	10:00 AM	15	Epidemiology - Companion Animals	Rabies response: a novel approach to animal bite reporting in Georgia, USA
44104	265	Sreenidhi	Srinivasan	Tuesday	4-Dec-18	Chicago C (5th)	10:30 AM	10:45 AM	15	Vaccines & Vaccinology	Development of a peptide-based skin test with DIVA capabilities for the diagnosis of Bovine Tuberculosis
42511	266	Ahmed	Menshaway	Tuesday	4-Dec-18	Chicago C (5th)	10:45 AM	11:00 AM	15	Vaccines & Vaccinology	The use of heat-inactivated <i>Mycobacterium bovis</i> in goats
42617	267	Juliette	Tinker	Tuesday	4-Dec-18	Chicago C (5th)	11:00 AM	11:15 AM	15	Vaccines & Vaccinology	A <i>Staphylococcus aureus</i> challenge trial to assess the efficacy of an enterotoxin-based vaccine for bovine mastitis
42758	268	Oudessa	Kerro Dego	Tuesday	4-Dec-18	Chicago C (5th)	11:15 AM	11:30 AM	15	Vaccines & Vaccinology	Protective effects of <i>Staphylococcal</i> Surface Proteins as Vaccine Antigens to Control Mastitis in Dairy Cows
42438	269	Seong-O	Choi	Tuesday	4-Dec-18	Chicago C (5th)	11:30 AM	11:45 AM	15	Vaccines & Vaccinology	Tip-separable dissolving microneedle for vaccination: application in intradermal canine influenza vaccine delivery
44132	270	Vishal	Srivastava	Tuesday	4-Dec-18	Chicago C (5th)	11:45 AM	12:00 PM	15	Vaccines & Vaccinology	Lower efficacy of human rotavirus vaccine in a microbiota humanized gnotobiotic pig model: A microbiota prospective
42542	271	Claudia	Perea	Tuesday	4-Dec-18	Chicago F/G (5th)	8:30 AM	8:45 AM	15	Bacteriology - Cattle	Molecular epidemiology of cattle tuberculosis in Mexico through whole genome sequencing and spoligotyping
42629	272	Syeda Anum	Hadi	Tuesday	4-Dec-18	Chicago F/G (5th)	8:45 AM	9:00 AM	15	Bacteriology - Cattle	DNA selection against <i>Mycobacterium bovis</i> -specific biomarkers for rapid diagnosis of bovine tuberculosis
42761	273	Fernanda	Miyagaki Shoyama	Tuesday	4-Dec-18	Chicago F/G (5th)	9:00 AM	9:15 AM	15	Bacteriology - Cattle	The role of Fur protein in <i>Mycobacterium avium</i> subsp. paratuberculosis pathogenesis
42585	274	Thomas	Inzana	Tuesday	4-Dec-18	Chicago F/G (5th)	9:15 AM	9:30 AM	15	Bacteriology - Cattle	The interactive nature of <i>Histophilus somni</i> & <i>Pasteurella multocida</i> in a biofilm and their effect on host response
42623	275	Wanglong	Zheng	Tuesday	4-Dec-18	Chicago F/G (5th)	9:30 AM	9:45 AM	15	Bacteriology - Cattle	A multiplex real-time PCR assay for the detection and differentiation of five bovine pinkeye pathogens
42780	276	Angela	Walker	Tuesday	4-Dec-18	Chicago F/G (5th)	9:45 AM	10:00 AM	15	Bacteriology - Cattle	Long-term storage of virulent <i>Leptospira</i> by cryopreservation for rapid in vivo use
42862	277	Darrell	Kapczynski	Tuesday	4-Dec-18	Chicago F/G (5th)	10:30 AM	10:45 AM	15	Influenza	Differential expression of the M2 protein influences localization and morphology during avian influenza replication
44116	278	Wendy	Xie	Tuesday	4-Dec-18	Chicago F/G (5th)	10:45 AM	11:00 AM	15	Influenza	A within-host model of H9N2 avian influenza virus infection kinetics in chickens
42777	279	Michael	Zeller	Tuesday	4-Dec-18	Chicago F/G (5th)	11:00 AM	11:15 AM	15	Influenza	N2 neuraminidase and hemagglutinin coordinated evolution increases influenza A virus genetic diversity in swine
44101	280	Sheila Keay	Keay	Tuesday	4-Dec-18	Chicago F/G (5th)	11:15 AM	11:30 AM	15	Influenza	Influenza A virus vaccine research in swine since 1990 - Findings of a scoping review
42526	281	Jorge	Garrido	Tuesday	4-Dec-18	Chicago F/G (5th)	11:30 AM	11:45 AM	15	Influenza	Experimental transmission of influenza A virus from nurse sows to adopted pigs during lactation
44070	282	Dong-hun	Lee	Tuesday	4-Dec-18	Chicago F/G (5th)	11:45 AM	12:00 PM	15	Influenza	Evolution and spread of highly pathogenic avian influenza virus H5N2 in the United States during 2014-2015
42444	283	Yixuan	Hou	Tuesday	4-Dec-18	Avenue (4th)	8:30 AM	8:45 AM	15	Virology	A tyrosine-based sorting motif in PEDV spike protein is an endocytosis signal and contributes to viral virulence
42365	284	Qihong	Wang	Tuesday	4-Dec-18	Avenue (4th)	8:45 AM	9:00 AM	15	Virology	Molecular attenuation mechanisms of porcine epidemic diarrhea virus (PEDV) in pigs
42733	285	Changin	Oh	Tuesday	4-Dec-18	Avenue (4th)	9:00 AM	9:15 AM	15	Virology	Caspase-mediated cleavage of nucleocapsid protein of a protease-independent strain of genogroup 2 PEDV
42468	286	Fangfeng	Yuan	Tuesday	4-Dec-18	Avenue (4th)	9:15 AM	9:30 AM	15	Virology	Isolation and characterization of a divergent strain of porcine sapelovirus from swine farm in US
43890	287	Qi	Chen	Tuesday	4-Dec-18	Avenue (4th)	9:30 AM	9:45 AM	15	Virology	Isolation and characterization of a U.S. porcine sapelovirus associated with poliomyelitis
44100	288	Gun	Temeyasen	Tuesday	4-Dec-18	Avenue (4th)	9:45 AM	10:00 AM	15	Virology	Pathogenicity and immune response against porcine circovirus 3 infection in cesarean derived-colostrum deprived pigs

Submission ID	Program ID	Presenter First Name	Presenter Last Name	Day	Date	Room (Floor)	Start Time	Stop Time	Duration (min)	Session Title	ABSTRACT TITLE
44128	289	Franco	Matias Ferreyra	Tuesday	4-Dec-18	Avenue (4th)	10:30 AM	10:45 AM	15	Virology - Pigs	Development of poliioencephalomyelitis in swine following experimental inoculation with porcine astrovirus type 3
42824	290	Alexandra	Buckley	Tuesday	4-Dec-18	Avenue (4th)	10:45 AM	11:00 AM	15	Virology - Pigs	Sequence comparison of historic and contemporary strains of Seneca Valley virus
42811	291	Douglas	Giadue	Tuesday	4-Dec-18	Avenue (4th)	11:00 AM	11:15 AM	15	Virology - Pigs	Identification of structural glycoprotein E2 domain critical to mediate Classical Swine Fever Virus replication
42748	292	Kay	Choi	Tuesday	4-Dec-18	Avenue (4th)	11:15 AM	11:30 AM	15	Virology - Pigs	Comparison of classical swine fever virus and atypical porcine pestivirus (APPV) Npro
42827	293	Ana M. M.	Stoian	Tuesday	4-Dec-18	Avenue (4th)	11:30 AM	11:45 AM	15	Virology - Pigs	Survival of ASFV in feed ingredients under transboundary shipping conditions
42747	294	Emily	Collin	Tuesday	4-Dec-18	Avenue (4th)	11:45 AM	12:00 PM	15	Virology - Pigs	HA key amino acid site may determine cross-reactivity of human-like H3N2 viruses to cluster IV antisera
42503	295	John	Rowe	Tuesday	4-Dec-18	Marriott (4th)	8:30 AM	8:45 AM	15	Vaccines & Vaccinology	A novel supplementation approach to enhance host response to sublingual vaccination
42831	296	Alejandro	Hoyos-Jaramillo	Tuesday	4-Dec-18	Marriott (4th)	8:45 AM	9:00 AM	15	Vaccines & Vaccinology	T cell populations in calves infected with BVDV + IBR after intranasal vaccination and trace minerals injection
42741	297	Damarius	Fleming	Tuesday	4-Dec-18	Marriott (4th)	9:00 AM	9:15 AM	15	Vaccines & Vaccinology	Transcriptomic analysis of varying immune responses to BRD vaccination in BVDV challenged cattle
42479	298	Shafiqul	Chowdhury	Tuesday	4-Dec-18	Marriott (4th)	9:15 AM	9:30 AM	15	Vaccines & Vaccinology	Novel bovine herpesvirus type 1-vectored vaccine against viruses associated with bovine respiratory disease complex
42448	299	Kaissar	Tabynov	Tuesday	4-Dec-18	Marriott (4th)	9:30 AM	9:45 AM	15	Vaccines & Vaccinology	A novel influenza viral vector based Brucella abortus vaccine at the stage of implementation into practice
42671	300	Jessica	Jacob	Tuesday	4-Dec-18	Marriott (4th)	9:45 AM	10:00 AM	15	Vaccines & Vaccinology	Developing a protective immunity enhanced Salmonella vaccine against Brucella melitensis
42461	301	Ti	Lu	Tuesday	4-Dec-18	Marriott (4th)	10:30 AM	10:45 AM	15	Vaccines & Vaccinology - Pigs	New fimbriae-toxoid vaccine candidate can induce immunogenic and neutralizing antibodies against porcine ETEC
42394	302	Yongming	Sang	Tuesday	4-Dec-18	Marriott (4th)	10:45 AM	11:00 AM	15	Vaccines & Vaccinology - Pigs	Antiviral regulation underlying the activation status of porcine monocyte innate immune cells
42731	303	David	Verhoeven	Tuesday	4-Dec-18	Marriott (4th)	11:00 AM	11:15 AM	15	Vaccines & Vaccinology - Pigs	Optimization and testing of a universal influenza vaccine for swine
42763	304	Tobias	Käser	Tuesday	4-Dec-18	Marriott (4th)	11:15 AM	11:30 AM	15	Vaccines & Vaccinology - Pigs	Prediction of vaccine-induced long-term protection via advanced analysis of pathogen-specific memory immune cells
42807	305	Douglas	Giadue	Tuesday	4-Dec-18	Marriott (4th)	11:30 AM	11:45 AM	15	Vaccines & Vaccinology - Pigs	Rapid development of experimental live attenuated vaccines for outbreak strains of African swine fever virus
42481	306	Phillip	Gauger	Tuesday	4-Dec-18	Marriott (4th)	11:45 AM	12:00 PM	15	Vaccines & Vaccinology - Pigs	Efficacy of a T cell epitope DNA vaccine, an inactivated vaccine, and use of both in the H1N1 pig challenge model