

MONDAY - April 4, 2022

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| 6:45 | Registration and Continental Breakfast (Lounge, 3rd floor) | | | |
| 7:50 | Simone Stoute | Program Chair Welcome; Opening Remarks (Pinnacle 1/2 Ballroom, 3rd floor) | | |
| 8:00 | Invited Speaker, Dr. Gregg Cutler: A review and comparison of housing systems for commercial layers (Pinnacle 1/2 Ballroom, 3rd floor) | | | |
| SESSION I: Virology (Pinnacle 1 Ballroom, 3rd floor) | | SESSION II: Bacteriology (Pinnacle 2 Ballroom, 3rd floor) | | |
| MODERATOR: Ana Da Silva | | MODERATOR: Iresha Subhasinghe | | |
| 8:45 | Rodrigo Gallardo | The role of IBV on reproductive impairment in roosters | Aaron Forga* | Immunoprophylaxis against Clostridial cellulitis/dermatitis in commercial turkeys |
| 9:00 | Mohamed Hassan* | Pathogenicity of the Canadian Delmarva (DMV/1639) strain of infectious bronchitis virus (IBV) for laying | James Byrd II | Understanding <i>Salmonella</i> and how to control it |
| 9:15 | Rachel Jude | Genomic comparison of DMV-like and QX-like infectious bronchitis virus strains: Is there any relation between gene sequences and tissue tropism? | Timothy Johnson | Re-defining the avian pathogenic <i>Escherichia coli</i> (APEC) pathotype in commercial turkey production |
| 9:30 | BREAK: 9:30 AM - 10:00 AM | | | |
| SESSION I: Antimicrobials and Bacteriology (Pinnacle 1 Ballroom, 3rd floor) | | SESSION II: Case Reports (Pinnacle 2 Ballroom, 3rd floor) | | |
| MODERATOR: Brock Riggs | | MODERATOR: Hemlata Gautam | | |
| 10:15 | Meaghan Young* | Identification of novel avian pathogenic <i>Escherichia coli</i> biofilm formation genes | Gunnar Dunnam* | An emerging <i>Enterococcus cecorum</i> outbreak in a broiler integrator in the Southern US: Analysis of antimicrobial resistance trends |
| 10:30 | Yu-Yang Tsai* | Focal Duodenal Necrosis: identification of Gram-negative bacteria potential role in intestinal lesions | Vijay Durairaj | Isolation of <i>Histomonas meleagridis</i> and <i>Pentatrichomonas hominis</i> in an enterohepatitis outbreak in turkeys |
| 10:45 | Ana Da Silva | Infectious coryza: A concerted effort towards a novel classification method for <i>Avibacterium</i> | Kelli Jones | Investigating Infectious Bronchitis DMV/1639 virus in broiler breeder roosters |
| 11:00 | Agnes Agunos | Current status of antimicrobial use, antimicrobial resistance and flock health in Canadian poultry | Gunnar Dunnam | A novel presentation of <i>Clostridium perfringens</i> in young broilers |
| 11:15 | Roel Becerra* | <i>Campylobacter hepaticus</i> in the production environment/stagnant water as a potential source of <i>Campylobacter</i> causing spotty liver disease in free range laying hens in Georgia, USA | Francisco Rios-Cambre | Detection of novel infectious bronchitis viruses in layers in Mexico and their control by using a synergic live vaccine combination |
| LUNCH: 11:30 PM - 1:00 PM | | | | |
| 1:00 | Arnold S. Rosenwald Lecture: Dr. Steve Roney Retrospective Perspectives of a Poultry Veterinarian (Pinnacle 1/2 Ballroom, 3rd floor) | | | |
| SESSION I: Virology (Pinnacle 1/2 Ballroom, 3rd floor) | | | | |
| MODERATOR: Rodrigo Gallardo | | | | |
| 1:45 | Tamer Sharafeldin | Role of turkey hepatitis reoviruses in tenosynovitis in turkeys | | |
| 2:00 | Amine Mernizi* | First seroepidemiological survey of avian metapneumovirus circulation in Moroccan broiler farms | | |
| 2:15 | Nadine Cariou | Infectious bursal disease vaccine type impacts response to IB vaccination and bursal integrity | | |
| 2:30 | Kristen Roza-Sutherland | Long-term field protection of a dual insert HVT vectored vaccine (HVT+IBD+ILT) in layer flocks | | |
| POSTER VIEWING & BREAK: 2:45 PM - 3:30 PM (Shaughnessy I Salon, 3rd floor) | | | | |
| SESSION I: Viral Vaccines | | | | |
| MODERATOR: Patrick Montine | | | | |
| 3:30 | Rebecca Mackey | Protection induced by IBDV vaccine strains ST-12 and 51A/C4 versus a Delaware E challenge | | |
| 3:45 | Ivan Alvarado | Infectious laryngotracheitis HVT recombinant constructs: replication and efficacy against challenge in broilers | | |
| 4:00 | Milos Markis | Assessment of protection induced by inactivated trivalent variant reovirus vaccine against challenge with contemporary reovirus field isolates | | |
| 4:30 | WPDC BUSINESS MEETING 4:30-5:15 pm (Pinnacle 1/2 Ballroom, 3rd floor) | | | |
| 6:00 | WELCOME RECEPTION - 6:00-7:30pm (Lounge, 3rd floor) | | | |

TUESDAY, April 5, 2022

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| 6:45 | Registration and Continental Breakfast (Lounge, 3rd floor) | | | |
| 8:00 | Invited Speaker, Dr. Rüdiger Hauck: Diseases affecting the intestinal health of poultry, including coccidiosis and other enteric parasites (Pinnacle 1/2 Ballroom, 3rd floor) | | | |
| SESSION I: Parasitology (Pinnacle 1 Ballroom, 3rd floor) MODERATOR: Ana da Silva | | SESSION II: Epidemiology (Pinnacle 2 Ballroom, 3rd floor) MODERATOR: Rodrigo Gallardo | | |
| 8:45 | Lisa Bielke | Survey of <i>Eimeria</i> species and anticoccidial resistance in turkeys | Shayne Ramsubeik* | Retrospective analysis of disease caused by pigeon Paramyxovirus-1 in California domestic pigeon population 2010 to 2020 |
| 9:00 | Sydney Kinstler* | <i>Clostridium perfringens</i> and <i>Eimeria maxima</i> co-infection stimulate intestinal stem cell proliferation and differentiation in broiler chickens | Andrea Arruda | Epidemiological tools for informing disease risk: the example of infectious bronchitis (IBV) |
| 9:15 | Randall Singer | Efficacy of antibiotic and non-antibiotic interventions in preventing and treating necrotic enteritis in broiler chickens: a systematic review | Patrick Montine* | Avian reovirus surveillance in poultry farms of the California Central Valley (2012-2020) |
| 9:30 | Vijay Durairaj | Serological evaluation of turkeys challenged with <i>Histomonas meleagridis</i> | Myrna Cadena* | Traditional survey-based methods for mapping backyard and game fowl poultry movement in California |
| POSTER VIEWING & BREAK: 9:45 AM - 10:30 AM (Shaughnessy I Salon, 3rd floor) <i>**All poster presenters will be available at their posters for discussion**</i> | | | | |
| SESSION I: Research, Gut Health, Immunity (Pinnacle 1 Ballroom, 3rd floor) MODERATOR: Nancy Reimers | | SESSION II: Food Safety, Gut Health, Research (Pinnacle 2 Ballroom, 3rd floor) MODERATOR: Shelly Popowich | | |
| 10:30 | Hemlata Gautam* | Development of a novel vaccine strategy against <i>Clostridium perfringens</i> by synergizing immunoenrichment and immunostimulation in chicks | Dulmelis Sandu | Using multi-modal feed additives to help manage coccidia challenges and their sequelae in broiler production systems |
| 10:45 | John Schleifer | Re-emergence of chondronecrosis with osteomyelitis syndrome in broilers and the effect of dietary probiotics in a <i>Staphylococcus agnetis</i> challenge | Iresha Subhasinghe* | CpG-ODN-induced antimicrobial immunity involves immunometabolic regulation in broiler chickens |
| 11:00 | Ahmed Ali* | Optimization of infectious bronchitis (IB) vaccination strategies against egg production abnormalities | Christine Clarke | Seeder bird research- delveoping the best challenge model |
| 11:30 | WPDC AWARDS LUNCHEON: 11:30 PM - 1:30 PM (Pinnacle 3 Ballroom, 3rd floor) | | | |
| SESSION II: Coccidia Vaccines (Pinnacle 1 Ballroom, 3rd floor) MODERATOR: Rüdiger Hauck | | SESSION II: Research and Epidemiology (Pinnacle 2 Ballroom, 3rd floor) MODERATOR: Myrna Cadena | | |
| 1:45 | Danielle Graham | Development of a candidate bioshuttle coccidiosis vaccination program for the turkey industry | Julia McElreath | Development of a rapid method for whole genome sequencing of fowl adenoviruses |
| 2:00 | Roy Jacob | Comparison of the field application of a commercial coccidiosis vaccine in broilers with bio-shuttle program | Joseph Gendreau | Understanding spatio-temporal trends of non-commercial poultrysales in California using online classified advertisement data |
| 2:15 | Jose Bruzual | Field experience managing a precocious coccidiosis vaccine in broiler breeders under field conditions in Zimbabwe, South Africa | Christine Clarke | Epidemiology of spotty liver disease in layers: starting from scratch |
| 2:30 | | | Brock Riggs | Prevalence and viral ecology of avian influenza in wetlands of high versus low waterfowl use in the Central Valley of California |
| POSTER VIEWING & BREAK: 2:45 PM - 3:45 PM (Shaughnessy I Salon, 3rd floor) | | | | |
| SESSION I: Case Reports (Pinnacle 1 Ballroom, 3rd floor) MODERATOR: Shanye Ramsubeik | | SESSION II: Research and Diagnostics (Pinnacle 2 Ballroom, 3rd floor) MODERATOR: Rodrigo Gallardo | | |
| 3:45 | Jenny Nicholds | Bad Blood: using a modern tool to aid in poultry disease diagnostics | Juan Rodriguez-Lecompte | Antimicrobial characterization and microbial induction of chicken ribonuclease angiogenin 4 |
| 4:00 | Eric Gingerich | 2021 outbreak of egg drop syndrome in Northern Indiana layers | Ricardo Munoz Saba | Noninvasive protocol to assess eggshell hygiene status using luminometry |
| 4:15 | Matthew Drozd | Causes of morbidity and mortality of peafowl & peafowl pheasants at zoological institutions: a | Valerie Marcano | Impact of lactic acid bacteria on eggshell quality of molted commercial layers |
| 4:30 | Gigi Lin | Histomoniasis outbreaks in commercial turkeys in British Columbia, Canada | Kalen Cookson | Broiler protection and performance trials of the newest HVT-IBD recombinant vaccine against AL2 and group-6 IBDV |

WEDNESDAY, April 6, 2020

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| 6:45 | Registration and Continental Breakfast (Lounge, 3rd floor) | | |
| 8:00 | Invited Speaker, Martha Pulido-Landínez: Salmonella infection in Poultry (Pinnacle 1/2 Ballroom, 3rd floor) | | |
| SESSION I: Virology (Pinnacle 1/2 Ballroom, 3rd floor) | | | |
| MODERATOR: Rachel Jude | | | |
| 8:45 | Alexandra Reilley | Fine-tuning of infectious bronchitis vaccination program in layers exposed to DMV1639 strain | |
| 9:00 | Daniel Venne | Broiler breeder adenovirus titer monitoring during natural, contamination or contact exposure to a 8b strain of adenovirus | |
| 9:15 | Davor Ojkic | Re-emergence of inclusion body hepatitis in Canada | |
| 9:30 | Eric Shepherd | Experiences with inclusion body hepatitis in the Southeast United States | |
| 10:00 | POSTER VIEWING & BREAK: 10:00 AM - 10:30 AM (Shaughnessy I Salon, 3rd floor) | | |
| SESSION I: Research (Pinnacle 1 Ballroom, 3rd floor) | | SESSION II: Case Reports and Diagnostics (Pinnacle 1 Ballroom, 3rd floor) | |
| MODERATOR: Vijay Durairaj | | MODERATOR: Simone Stoute | |
| 10:30 | Naola Ferguson-Noel | Results and applications of whole genome sequencing of avian mycoplasmas | Sara Throne That's not supposed to happen after vaccination, right? |
| 10:45 | Jeffrey Hall | A universal <i>E. coli</i> sub-unit vaccine protects broilers from <i>Escherichia coli</i> 078 challenge | Leslie Johnson Assessment of the impact of a Ë-Polylysine product on hatchability, bacterial loads and 7-day performance in broiler chicks following in-ovo inoculation |
| 11:00 | Tim Johnson | Exploring postbiotic-based strategies for the mitigation of avian pathogenic <i>Escherichia coli</i> in layers | Ana Maria Villegas Concomitant monitoring of <i>Clostridium perfringens</i> and <i>Eimeria specie s</i> in fecal samples of conventional and slow-growing broiler flocks by ScreenFloXÁ® multiplex qPCR workflow |
| Simone Stoute: Concluding Remarks; Adjourn | | | |

POSTERS (Shaughnessy I Salon, 3rd floor)

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| 1 | Carolina Trujillo | Isolation, speciation, and anticoccidial sensitivity of <i>Eimeria</i> spp. recovered from wild turkey feces |
| 2 | Marina Gaimard | Influenza pathogens: innovative assays for diagnosis and vaccination monitoring of H5, H7 and H9 avian influenza A virus |
| 3 | Ariaunna Jones | Long-term storage of avian origin primary cells for continued availability in virus research and diagnostic laboratories |
| 4 | Magali Salas | Detection of <i>Salmonella</i> in quail eggs for ambulatory sale in districts of the city of Lima-PerÁ° |
| 5 | Manuel Da Costa | Field experience - infectious bronchitis vaccination takes before and after vaccine application and optimization of sampling methodology |
| 6 | Fathima Ishara Muhammadu Isham | Host responses to Delmarva (DMV/1639) IBV variant isolated in Eastern Canada in young chickens |
| 7 | Chantel Caughlin | Administration of oral meloxicam to turkey poults: literature review and proposed investigation |