



American Association of Avian Pathologists
July 19-23, 2008
Morial Convention Center
New Orleans, Louisiana



SCIENTIFIC PROGRAM

Monday, July 21, 2008 – Morning Program		
	Rooms 391-392 Session A	Rooms 393-394 Session B
	Moderator: Gregorio Rosales	
8:00 AM	Keynote Speaker: Dr. Mo Saif “Enteric Diseases: Present and Future”	
	Moderator: Guillermo Zavala	Moderator: Aly Fadly
8:30 AM	Sequence Analysis of Parvoviruses Associated with Enteric Disease of Poultry Laszlo Zsak, Keith O. Strother, and J. Michael Day	RIMLER MEMORIAL PAPER: Transactivation Properties of Meq Oncoproteins of Marek’s Disease Virus Strain, CV1988 Dharani K. Ajithdoss, Sanjay M. Reddy, and Blanca Lupiani
8:45 AM	Efficacy of Lasalocid Against Select Isolates of Eimeria from Turkey Flocks Steven R. Clark and H.D. Chapman	REED RUMSEY AWARD WINNER: Frequency of Multiple Serotype 1 Marek’s Disease Virus Strains in Feather Follicle Epithelium and Tumor Cells following Superinfection John R. Dunn, Richard L. Witter, Robert F. Silva, and Lucy F. Lee
9:00 AM	Isolation of Avian Rotaviruses from a Normal Turkey Flock and from a Flock with Signs of Enteric Disease J. Michael Day, Erica Spackman, Mary J. Pantin-Jackwood, and Laszlo Zsak	Diagnosis of Marek’s Disease by Real Time PCR from Samples Collected on FTA® Cards Aneg Lucia Cortes and Isabel M. Gimeno
9:15 AM	Genomic Characterization of Adenovirus-like Virus (R11-3), the Etiology of Transmissible Viral Proventriculus, Identifies the Virus as a Novel Chicken Birnavirus James S. Guy and Frederick J. Fuller	Optimization of Revaccination Procedure to Improve Protection against Marek’s Disease Isabel M. Gimeno, Aneg Lucia Cortes, and Richard L. Witter
9:30 AM	Experimental Reproduction of Inclusion Body Hepatitis in Broiler Chickens Samantha Ekanayake, Susantha Gomis, Suresh Tikoo, George Mutwiri, Philip Willson, Davor Ojkic, Robert Goodhope, and Tennille Knezacek	Transcriptional Profiling of Marek’s Disease Virus Genes during Cytolytic and Latency Infection Lucy F. Lee, Huanmin Zhang, and Mohammed Heidari
	Break 9:45 AM – 10:00AM	Break 9:45 AM – 10:00AM
	Moderator: Kate Barger	Moderator: Isabel Gimeno
10:00 AM	Strain Relationships and <i>in vivo</i> Comparison of Clostridium perfringens (CP) Field Isolates Obtained from Chickens with Gangrenous Dermatitis (GD) or Necrotic Enteritis (NE) G. Donald Ritter, Tony Neumann, and Daniel Bautista	Role of Cytokines in Marek’s Disease Vaccines Robert F. Silva, Lucy Lee, Mohammad Heidari, and John Dunn
10:15 AM	Gangrenous Dermatitis in Commercial Turkeys – Prevention and Control Daniel Karunakaran	Laboratory and Animal Safety of a Herpesvirus Chimera Marek’s Vaccine and Recombinant Vector Linda R. Gergen, Ledesma Brooke, Stephanie Cook, Gary Petersen, and Joan Schrader

Monday, July 21, 2008 – Morning Program		
	Rooms 391-392 Session A	Rooms 393-394 Session B
10:30 AM	Case Report: <i>Pasteurella multocida</i> and <i>Mycoplasma</i> in Pharoah Quail Tami F. Kelly	Dynamics of Infection, Pathology and Impact on Performance of a 2007 Field Isolate of Avian Leukosis Virus Subgroup J in Broiler Breeders and Broilers Andres Montoya, Guillermo Zavala, Sunny N. Cheng, and Taylor Barbosa
10:45 AM	“What is Your Diagnosis for Spotty Livers in Baby Chicks?” Philip A. Stayer, C. Gabriel Senties-Cue, and Mark A. Burleson	Comparison of Proviral DNA Sequences of Seven Isolates of a Naturally Occurring Recombinant Avian Leukosis Virus Associated with Myelocytomatosis in Commercial Layers Ghida R. Banat, Robert F. Silva, Scott D. Fitzgerald, Willie M. Reed, and Aly M. Fadly
11:00 AM	Management Factors Contributing to Quail Disease in Georgia Donna Kelly	Molecular Analysis of Reticuloendotheliosis Virus Isolates obtained from Chickens, Turkeys, and Prairie Chickens located in Different Regions in the United States Aly M. Fadly, Jody K. Mays, and Robert F. Silva
11:15 AM	An Outbreak of Meningitis in Commercial Poultry: A Field Perspective Mark Burleson, Danny Magee, and Marshall Putnam	Use of Retroviral-Based Vectors for Gene Delivery and Expression in Cell Lines of Avian Origin Taylor Barbosa, Guillermo Zavala, and Sunny Cheng
11:30 AM	An Outbreak of Meningitis in Commercial Poultry: A Diagnostic Perspective Danny L. Magee, Mark Burleson, and Marshall R. Putnam	The Commercial Duck Industry in the United States: History, Current Disease Challenges and Future Jaime Ruiz, Tirath Sandhu, Benjamin Lucio, and Alejandro Banda
11:45 AM	Focal Duodenal Necrosis – An Increased Understanding Tammy A. Baltzley, Thomas G. Rehberger, and Greg R. Siragusa	Current Status of the National Poultry Improvement Plan C. Stephen Roney and Andrew Rhorer
<p>AAAP Awards Luncheon</p> <p>12:15 – 2:45 PM</p> <p>Lunch served at 12:30 PM</p> <p>Marriott New Orleans Convention Center – Blaine Kern Ballroom Salons A&B</p> <p>(across from Convention Center and a couple of blocks away)</p>		

Marriott New Orleans
at the Convention Center
859 Convention Center Boulevard
New Orleans, LA 70130

Monday, July 21, 2008 – Afternoon Program		
	Rooms 391-392 Session A	Rooms 393-394 Session B
	Moderator: Patty Dunn	Moderator: Eric Jensen
3:00 PM	Field Evaluation of Same-day and Next-day Placement of Turkey Poults David Rives, Julian D. Brake, and Summer M. Russell	Characterization of Recent H5N1 Avian Influenza Isolates from Vietnam and Evaluation of Vaccine Efficacy Using Commercial Vaccines Jennifer Pfeiffer, Mary Pantin-Jackwood, and David L. Suarez
3:15 PM	Day of Hatch Compared with Day After Hatch Placement of Turkey Poults John Barnes, Michael P. Martin, Lisa K. Nolan, J. Michael Day, Dennis P. Wages, David H. Ley, and David V. Rives	Immunogenicity of Newcastle Disease Virus Vectored Vaccine for Avian Influenza A Subtype H5 Virus and Evaluation of Protective Efficacy for Homologous and Heterologous Challenge Strains Baibaswata Nayak, Subrat N. Rout, Daniel R. Perez, and Siba K. Samal
3:30 PM	Use of the I-Stat Serum Chemistry Analyzer for Evaluation of Poult Health Michael P. Martin, John Barnes, and David Rives	Evaluation of a Newcastle Disease Virus Vectored Avian Influenza Vaccine Carlos N. Estevez, Daniel J. King, David Suarez, and Qingzhong Yu
3:45 PM	Severe Disseminated <i>Aspergillus flavus</i> Infection associated with High Mortality in Broiler Chickens Monique Silva de França and H. L. Shivaprasad	Induction of Mutations in M1 and NS1 Genes of H7N2 Avian Influenza Virus for Generation of Vaccine Candidates with Built-in DIVA Strategy Sankhiros Babapoor, Mazhar Khan, Zeinab Helal, Dipu Mohan Kumar
	Moderator: Bruce Charlton	Moderator: Kenton Kreager
4:00 PM	Causes of Broiler Breeder Hen Mortality During the Early Lay Period Lauren M. Boswell, Michael J. Wineland, and H. John Barnes	Comparative Seroconversion in Chicken Flocks Vaccinated with Avian Influenza H5N1 and H5N2 Vaccines Salah Mousa
4:15 PM	One Medicine Approach to Biosecurity in the Live Bird Marketing Systems in Central America Patrice N. Klein, Fidelis N. Hegngi, Jose J. Bruzual, Mara E. Gonzalez-Ortiz, and Cesar H. Sandoval	Lessons Learned Preparing Developing Countries for Highly Pathogenic H5N1 Avian Influenza Richard M. Fulton, Jarra Jagne, and Ross Graham
4:30 PM	Crate Tracking in the Live Bird Markets (LBMs), NY Susan C. Trock, Joy Bennett, and John P. Huntley	<i>In Silico</i> Analysis of Current Real-Time PCR Assays for the Detection of Avian Influenza Virus Scott A. Callison
4:45 PM	Welfare Auditing – When to Review Records and When to Use Your Eyes James T. Barton	Development of Multiplex Bead Assays for the Detection and Differentiation of H5 and H7 Subtype Avian Influenza Virus Wonhee Cha, Y.M. Saif, Keumsuk Hong, and Chang-Won Lee
5:00 PM	Gait Scoring of Commercial Broilers Timothy S. Cummings, Bruce Webster, Kelli Jones, and Mark Cooper	Development and Validation of a Competitive ELISA to Detect Antibodies against the Influenza H5 Protein Rudiger Hauck and Egbert S. Mundt
5:15 PM	High Mortality in Backyard Chickens Associated with Proximity to Wild Waterfowl Andre F. Ziegler	Rapid Multiplexed Detection of Antibodies to Avian Influenza Virus using Liquid Crystals Stacey Schultz-Cherry, John Lindner, Jeremy Jones, Joseph Burkholder, Josephy Kakkassery, Kurt Kupcho, and Ganesh Vasuvedan
5:30 PM	ADJOURN	ADJOURN

Tuesday, July 22, 2008 – Morning Program		
	Rooms 391-392 Session A	Rooms 393-394 Session B
	Moderator: Steven Clark	Moderator: Maricarmen García
8:00 AM	Cellulitis in Turkeys: <i>Clostridium septicum</i> being a Primary Pathogen? Anil J. Thachil, David A. Halvorson, and Kakambi V. Nagaraja	Evolution and Mutation Rates of Avian Coronavirus Infectious Bronchitis Virus Enid T. McKinley, Deborah A. Hilt, and Mark W. Jackwood
8:15 AM	Epidemiological Factors Associated with the Prevalence of Gangrenous Dermatitis Marshall Vogt, Margie Lee, Steve Collett, and Roy Berghaus	Pathogenesis of a Recent Field Isolate of Nephropathogenic Infectious Bronchitis Virus Blair E. Telg, H. Sellers, S.M. Williams, G. Zavala, J. Fricke, and A. Montoya
8:30 AM	Assessment of <i>Clostridium perfringens</i> and <i>Clostridium septicum</i> from Commercial Broilers with Gangrenous Dermatitis and Asymptomatic Broilers within the Same Houses Susan Dunham, Anthony P. Neumann, Kimberle A. Agle, Thomas G. Rehberger, and John A. Smith	Significance of Minor Viral Subpopulations within Ark-type Infectious Bronchitis Vaccines Vicky L. Van Santen, Haroldo Toro, and Kellye S. Joiner
8:45 AM	Live Recombinant <i>Salmonella</i> Vector Vaccine for Necrotic Enteritis Bereket Zekarias, Hua Mo, and Roy Curtiss III	The Emergence of Infectious Bronchitis Virus Strain CA1737 in Chickens in California Peter R. Woolcock and Carol J. Cardona
9:00 AM	Bacterial Respiratory Diseases of Economic Importance of Poultry in Mexico Ariel M. Ortiz, Edgardo Soriano, Ernesto Soto, Alejandro García, and Patrick Blackall	Protection and Immunogenicity Studies of <i>in ovo</i> Injection of Recombinant DNA Vaccine and Interferon Type 1 against Infectious Bronchitis Infection Mazhar I. Khan, Sankhiros Babapoor and Zhiqin Xie
9:15 AM	Field Observations and Experimental Studies on the Pathogenic Potential of Small Colony Variants of <i>Pasteurella multocida</i> Magne Bisgaard, Andreas Petersen, Anders M. Bojesen, Jens P. Christensen, and Henrik Christensen	Vaccination and Arkansas Infectious Bronchitis Virus (IBV) Persistence in the Field Mark W. Jackwood, Deborah A. Hilt, Amber W. McCall, Enid T. McKinley and Crystal N. Polizzi
	Break	Break
	9:30 AM – 10:00AM	9:30 AM – 10:00AM
	Moderator: Richard Chin	
	Lasher History Lecture: 10:00 – 10:30 AM Rooms 391-392 Dr. David Halvorson – “The History of Avian Influenza in the USA”	
	AAAP Business Meeting Rooms 391-392 10:30 – 12:00 noon	
	Lunch 12:00 noon – 1:00 PM	

Tuesday, July 22, 2008 – Afternoon Program		
	Room 391-392 Session A	Room 393-394 Session B
	Moderator: Hector Cervantes	Moderator: Alejandro Banda
1:00 PM	A Live Attenuated <i>aro</i>-A Mutant Vaccine against Fowl Cholera - Vaxsafe® PM Peter C. Scott and Rima Youil	Evaluation of an Updated Real Time RT-PCR Test for the Identification of the H7 Subtype Erica Spackman and David L. Suarez
1:15 PM	Characterization of <i>Taxon 14</i> Isolates Involved in Upper Respiratory Tract Infections and Blepharoconjunctivitis in Turkeys Ronald Guenther, Henrik Christensen, Anders M. Bojesen, and Magne Bisgaard	REED RUMSEY AWARD WINNER: Experimental Infections of Waterfowl and Gulls with a H5N1 Highly Pathogenic Avian Influenza Virus Justin Brown, David E. Stallknecht, and David E. Swayne
1:30 PM	Hemagglutination-inhibition Antibodies Induced by <i>Ornithobacterium rhinotracheale</i> Edgardo V. Soriano, Vicente Vega, Salvador Lagunas-Bernabé and Simón Martínez	Variation in Infectivity and Adaption of Wild Duck- and Poultry-Origin High and Low Pathogenicity Avian Influenza Viruses for Poultry David E. Swayne and Richard D. Slemons
1:45 PM	Isolation and Identification of Serovar B-1 of <i>Avibacterium paragallinarum</i> in Panama Erick N. Calderón, Karina M. Thomas, Vladimir Morales, and Edgardo V. Soriano	Ability of an Avian Influenza Virus with Truncated NS1 Protein to Grow in Presence of Interferon Vinayak Brahmakshatriya, Blanca Lupiani, and Sanjay M. Reddy
2:00 PM	Active motility is not required for <i>Campylobacter</i> colonization of chickens A. Singh Dhillon, Mike E. Konkel and Kari Shoaf-Sweeney	Expression of Recombinant Avian Influenza Virus Hemagglutinin Protein in Mammalian Cells via an Alphavirus Vector Blayne Mozisek, Sanjay M. Reddy, and Blanca Lupiani
2:15 PM	Re-occurrence of Fowl Typhoid in Commercial Layers Franz Sommer and Martina Glatzl	Gene Expression Responses to Highly Pathogenic Avian Influenza H5N1 Virus Infections in Ducks Mary J. Pantin-Jackwood, Darrell Kapczynski, Jamie Wasilenko, Luciana Sarmento, and Claudio L. Afonso
2:30 PM	Practical Application of Spray Live Salmonella Vaccine at the Hatchery on Table Egg Pullets Hugo Medina	Avian Influenza Virus-induced Regulation of Duck Fibroblast Gene Expression Luciana Sarmento, Jamie Wasilenko, and Mary J. Pantin-Jackwood
2:45 PM	Reduction in Prevalence of <i>Salmonella</i> spp. in Broiler Progeny from Vaccinated Breeders Robert L. Owen	Replication of H5N1 Avian Influenza Viruses in Chickens is Affected by the PB1, PB2, and NP Viral Genes Jamie Wasilenko, Chang Won Lee, Luciana Sarmento, and Mary J. Pantin-Jackwood
	Break 3:00 PM – 3:30 PM	Break 3:00 PM – 3:30 PM
	Moderator: Jose Linares	Moderator: Holly Sellers
3:30 PM	<i>Caenorhabditis elegans</i> as a Simple Model to Study Avian Pathogenic <i>Escherichia coli</i> Virulence Subhashinie Kariyawasam, Yvonne Wannemuehler, Jack Hardy, Ganwu Li, Luke Baldwin, Tim Johnson, and Lisa Nolan	Influenza A Virus Whole Genome RNA Amplification Weiwen Ge, Xingwang Fang, Mangkey Bounpheng, and John El-Attrache
3:45 PM	The Putative Virulence Region Found in Large Plasmids of Avian Pathogenic <i>Escherichia coli</i> Contributes to Colibacillosis Kelly A. Tivendale, Amir H. Noormohammadi, and Glenn F. Browning	The Role of Untranslated Regions of Newcastle Disease Virus Hemagglutinin-neuraminidase Gene in Replication and Pathogenesis Yonggi Yan, Subrat N. Rout, and Siba K. Samal
4:00 PM	Vaccination Programming of a Live <i>E. coli</i> Vaccine in Commercial Leghorn Chickens Cheryl Gustafson, Jon L. Schaeffer, and Kalen Cookson	The Role of Antigenic Composition of Newcastle Disease (ND) Vaccines in ND Control Patti J. Miller, C. Estevez, Q. Yu, D.L. Suarez, and D.J. King
4:15 PM	Recombinant Iss as a Potential Vaccine for Avian Colibacillosis Aaron M. Lynne, Steven L. Foley, Subhashinie Kariyawasam, and Lisa K. Nolan	Serological Survey on the Prevalence of Antibodies to Avian Paramyxovirus – 2, 3, 4, 6, 7, 8 and 9 in Commercial Poultry in the United States Ashwini Warke and Egbert S. Mundt
4:30 PM	The Characterization of Several Avian Pathogenic <i>E. coli</i> (APEC) Strains from Commercial Broilers using PCR Analysis of Key Virulence Genotypes Kalen Cookson, Lisa Nolan, and Cheryl Gustafson	Construction of a Fowl Adenovirus Recombinant to Express Avian Metapneumovirus Glycoprotein Kevin O. Strother, Qingzhong Yu, Darrell R. Kapczynski, Eva Nagy, and Laszlo Zsak
4:45 PM	Chukar Partridge (<i>Alectoris chukar</i>): A Laboratory Model for West Nile Virus Infection Robert E. Porter and Erik K. Hofmeister	Protection against Avian Metapneumovirus in Turkeys Immunized via the Respiratory Track with Inactivated Virus Ra Mi Cha, Mahesh Khatri, and Jagdev M. Sharma
5:00 PM	ADJOURN	ADJOURN

Wednesday, July 23, 2008 – Morning Program		
	INTERCONTINENTAL HOTEL Cabildo Room Session A	INTERCONTINENTAL HOTEL Pontalba Room Session B
	Moderator: Steve Fitz-Coy	Moderator: Patricia Wakenell
8:00 AM	Differentiation of <i>Mycoplasma gallisepticum</i> Live Vaccines and Field Strains in Clinical Samples Ziv Raviv, Victoria A. Laibinis, and Stanley H. Kleven	Delivery of Rapid Nuclear Imported and High-level Expressive DNA Vaccine Vector by Using Attenuated <i>Samonella</i> Displaying Programmed Lysis Wei Kong, Xiangmin Zhang, Shifeng Wang, and Roy Curtiss III
8:15 AM	The Chonal Slit as an Alternative Sampling Method for <i>Mycoplasma gallisepticum</i> (MG) and <i>Mycoplasma synoviae</i> (MS) and Use of a High Throughput System for Molecular Detection of MG and MS Jenny A. Fricke, Guillermo Zavala, Stanley H. Kleven, Victoria Laibinis, Maricarmen Garcia, and Ziv Raviv	Isolation and Differentiation of Mesenchymal Stem Cells from Chicken Bone Marrow Mahesh Khatri and Jagdev M. Sharma
8:30 AM	Coccidiosis Vaccination Improves Feed Conversion in Turkey Toms Eng H. Lee	Compatibility of Recombinant Herpesvirus of Turkeys Vaccines Alecia Godoy, Motoyuki Esaki, Katalin Varga, Peter Flegg, Kristi Moore Dorsey, Sandra Rosenberger and John K. Rosenberger
8:45 AM	Passive Protection against Multiple <i>Eimeria</i> Species by Orally Administered Hyperimmune Egg Yolk Antibodies Hyun S. Lillehoj, Dong W. Park, Andres Morales, and Eduardo Lucio	First Detection of Very Virulent Form of Bursal Disease Virus (vvIBDV) in Peru Branko Alva, Eliana Icochea, Yannick Gardin, Vilmos Palya, Xavier Catropozo, and Paola Cruz
9:00 AM	<i>Eimeria praecox</i>: New Observations on its Gross Pathology in Chickens Patricia C. Allen, M.C. Jenkins, and G.C. Wilkins	Evaluation of Priming with <i>in ovo</i> DNA Vaccine and Boosting with Killed Vaccine Strategies for Protective Immunity against IBDV and Effects of Plasmid-encoded Chicken Interleukin-2 and Chicken Interferon-γ Jeong Ho Park, Haan Woo Sung, and Hyuk Moo Kwon
9:15 AM	<i>Eimeria praecox</i> Prevents <i>E. maxima</i>-associated Clinical Coccidiosis in Chickens Mark C. Jenkins, Patricia Allen, Katrzyna B. Miska, and Spangler Klopp	Effect of <i>in ovo</i> Exposure to Virulent and Vaccine Strains of Infectious Bursal Disease Virus on Embryonal Immune Cells Jagdev Sharma, Mahesh Khatri, and Manohar Mutnal
	Break 9:30 AM – 10:00AM	Break 9:30 AM – 10:00AM
	Moderator: Gabriel Senties-Cué	Moderator: Pedro Villegas
10:00 AM	Field Comparison of an <i>in ovo</i> Coccidiosis Vaccine, Inovocox™, and an Ionophore Coccidiostat Andrea Sinclair Zedek, David G. Kelly, Christopher J. Williams, and Jonathan L. Schaeffer	Reverse Genetics as Diagnostic Tool for Analysis of Antigenicity of Infectious Bursal Disease Virus Egbert Mundt, Aswani Vunnava, Alan H. Icard, and Holly S. Sellers
10:15 AM	Influence of Diet on Oocyst Output and Intestinal Lesion Development in Coccivac®-D Vaccinated Replacement Broiler Breeders Leslee A. Oden, J. Lee, S. Pohl, S. Young, C. Broussard, S. Fitz-Coy and D. Caldwell	Cellular Proteins Interact with VP3 of Infectious Bursal Disease Virus During Replication Ruth Stricker and Egbert S. Mundt
10:30 AM	<i>Eimeria mivati</i> Prevalence in US Steve Fitz-Coy, Joan Schrader, and Deborah Higuchi	Efficacy and Seroconversion of Various IBD Vaccination Programs in Broiler Breeders: Seroconversion and IBD Progeny Challenge Results Enrique Montiel, Nikki Pritchard, Julio Cruz-Coy, Elleen Katigbak, and David D. Smith
10:45 AM	Evaluation of Molecular Characteristics of <i>Eimeria mivati</i> Joan Schrader, D. Higuchi, S. Cook, A. Oetting, and G. Petersen	Point Mutations that Affect Pathogenicity in Classic Infectious Bursal Disease Virus Daral J. Jackwood, B. Sreedevei, L.J. LeFever, and S.E. Sommer-Wagner
11:00 AM	Development of Energy Models to Predict the Impact of Coccidiosis Challenge on Gravimetric and Calorific Cost in Growing Broilers R.G. Teeter, Charles Broussard, and Linnea Newman	Efficacy Studies of a HVT Vector Expressing Laryngotracheitis Virus Genes Lauren Jensen, Motoyuki Esaki, Peter Flegg, Kristi Moore Dorsey, Sandra Rosenberger, and John K. Rosenberger

Wednesday, July 23, 2008 – Morning Program		
	INTERCONTINENTAL HOTEL Cabildo Room Session A	INTERCONTINENTAL HOTEL Pontalba Room Session B
11:15 AM	Application of Coccidiosis-Modified Energy Models to Evaluate the Impact of Low-level Lesion Scores on Broiler Performance Linnea Newman, Robert G. Teeter, A. Beker, and C. Brown	Challenge Study for the Evaluation of Protection Induced by Recombinant HVT-LT Vaccine against a Current Infectious Laryngotracheitis Virus (ILTV) Isolate Andrés Rodríguez-Avila, Sylva M. Riblet, and Maricarmen García
11:30 AM	Molecular and Morphological Characterization of <i>Eimeria</i> in Game Birds Katarzyna B. Miska, R.S. Schwartz, B. MacFarlane, E. Pendleton, and M.C. Jenkins	Recurring Outbreaks of Infectious Laryngotracheitis: Investigating Knowledge Gaps Nathaniel L. Tablante
11:45 AM	<i>In vitro</i> Development of Avian Coccidia in Three Macrophage Cell Lines Raymond H. Fetterer, Katarzyna B. Miska, Patricia C. Allen, Rami A. Dalloul, and Ruth C. Barfield	Unusual Outbreaks of Infectious Laryngotracheitis in Broiler Chickens H.L. Shivaprasad, R.M. Crespo, M.S. França, R.P. Chin, and P.R. Woolcock
12:00	Adjourn	Adjourn

Revised 5-29-08

INSTRUCTIONS FOR POULTRY POSTERS PRESENTATION

The following is specific information about the 2008 AVMA/AAAP Poultry Poster Presentation:

Location of the Poultry Posters Presentation:

Earnest N. Morial Convention Center, Room 395-396

Dates/Times of the Poultry Posters Presentation:

Sunday, July 20 – 8:00 AM – 4:50 PM

Monday, July 21 – 8:00 AM – 4:50 PM

Tuesday, July 22 – 8:00 AM – 4:50 PM

NOTE: Posters must be set up before 8:00 AM on Sunday, July 20 and removed promptly on Tuesday, July 22 by 4:50 pm.

Your poster number can be found at the top of your Poultry Poster Presenter Agreement page included in your confirmation packet.

Dimensions: Size of the Mounting Board for Poster: 4 feet X 8 feet (48 inches x 96 inches). All posters must fit within the outer edges of the board. All boards will be double-sided, so another presenter may be mounting a poster on the other side of the board at the same time.

General Information:

- Your poster presentations must be available for viewing during the hours scheduled by the Poultry Poster Section.
- Handouts are permitted. *Sale of any material is strictly prohibited.*
- Poster sessions are intended to serve as informal discussions and not as lectures or paper reading sessions.
- Pushpins will be available in the poster areas. Please do not write or paint on the poster boards.
- Projection equipment and electrical outlets will not be provided in the poster session area.
- One (1) complimentary convention registration will be provided for the primary author of each poster.

Poster Session
Sunday, July 20 – Tuesday, July 22, 2008
Room 395-396

Avian Influenza

1. **Susceptibility and Clinical Description of Severe H5N1 Avian Influenza in Some Domestic and Pet Birds**
Salah Mousa
2. **Estimation of Protective Antibodies in Yolk and Offspring of Ducks Vaccinated with H5N1 and H5N2 Inactivated Influenza Vaccines**
Ghada Mousa
3. **Effect of Dose on Immune Response of Ducks Vaccinated with Different Avian Influenza Regimens**
Heba Salah Mousa
4. **Avian Influenza – Immune Response Differences between Gender in Two Different Types of Chickens**
Alejandro García, Rodrigo Salamanca, Erika Gallegos, and Sergio González
5. **Genetic Characterization of Triple Reassortant H1N1 Influenza Virus**
Hadi M. Yassine, Chang-Won Lee, Yan Zhang, and Y.M. Saif
6. **The Influence of Immunogenomics on the Innate Immune Response to Avian Influenza-Comparison of Toll-like Receptor 7 and Cytokine Responses between Chickens and Ducks**
Darrell R. Kapczynski, Adrian I. Smith, Victoria Philbin, Karen L. Liljebjelke, and Mary Pantin-Jackwood
7. **Nutrient Synergy in Alleviation of Specific Signs and Lesions Produced by H9N2/*E. coli* in Broilers**
Elie K. Barbour, Fouad Mstouri, Houssam Shaib, Ryan Yaghi, and Rana Sawaya
8. **Sequencing and Mutational Analysis of the Non-Coding Regions of Influenza A Virus**
Leyi Wang, Keumsuk Hong, and Chang-Won Lee
9. **Pathogenesis, Virus Shedding and Serologic Response of Selected Domestic Avian Species Against Low Pathogenic Avian Influenza (LPAI) Wild Bird Isolates**
Antonio C. Morales, Jr., Mark W. Jackwood, and Debora A. Hilt
10. **Evaluation of Low Path Avian Influenza Viruses of Wild Bird Origin in Commercial Turkeys and Broiler Chickens**
Brian S. Ladman, Jack Gelb, Jr., Conrad Pope, Richard Slemmons, and Cindy Driscoll
11. **DNA Barcoding: Preliminary Studies with Avian Influenza Virus**
Dipu Mohan Kumar, Ion Mandolu, Craig Nelson, Mazhar Khan, and Sankhiros Babapoor
12. **Highly Pathogenic Avian Influenza (HPAI) Virus of Subtype H5N1 in Europe**
Jeanne Brugère-Picoux
13. **Species-Specific Responses to Infection with Avian Influenza**
Keeler, Calvin L., Jr., Michele N. Maughan, Lorna Dougherty, and Jack Gelb
14. **Phylogenetic Analysis of the Hemagglutinin and Neuraminidase Genes of Avian Influenza Viruses Isolated from Migratory Birds in Korea during 2006-2008**
Byun, Seong-Hwan, Jung-Hwa Shin, Jeong-Young Yi, Hyun-Mi Jung, and In-Pil Mo
15. **Phylogenetic Analysis of Avian Influenza Viruses Isolated in the Areas Mixed with Duck Farms and Migratory Bird Habitat**
Kim, Hwan-hee, Jae-myung Park, Jong-jin Lee, Seong-Hwan Byun, Hak-su Kim, and In-Pil Mo

16. **Nationwide Serologic and Genetic Monitoring after Avian Influenza Vaccination (H9N2) in the Layer Farms**
Lee, Chang-Hee, Yun-Jeong Lee, Min-Jeong Kim, Eun-Ok Jeon, and In-Pil Mo
17. **Field Trials of Reassorted H9N3 Inactivated Avian Influenza Vaccine and its Diagnostic Kit in Commercial Layers**
Mo, In-Pil, Jung-Eun Kim, Jeong-Hwa Shin, Ji-Ye Kim, Jong-Nyeo Kim, and Seong-Hway Byun
18. **Efficacy of a Vectored Fowl Pox-Avian Influenza Vaccine Administered *in ovo* to Broiler Chicken Embryos and Challenged with Low Pathogen Virus at 35 Days Old**
Victor M. Petrone, Wilfrido Pedroza, Diodoro Batalla, and Joaquin Delgadillo

Bacteria, Miscellaneous

19. **Development of a *Clostridium perfringens* Alpha Toxin (Phospholipase C) Antibody ELISA Assay Using a Single Serum Dilution**
Stephan G. Thayer, Charles L. Hofacre, and Charles Broussard
20. **Comparative Microbiological Ecology of the Intestines in Poultry Species**
Teresa Morishita and Jonathan Padilla
21. **Macrolide Characterization of *Campylobacter* from Production Turkeys**
Catherine M. Logue, Gregory T. Danzeisen, Julie S. Sherwood, Jessica L. Thorsness, and Jason E. Axtman
22. **Genome Sequencing of *Gallibacterium anatis* Causing Peritonitis in Laying Hens**
Timothy J. Johnson, Lisa K. Nolan, Darrell W. Trampel, and Yvonne M. Wannemuehler

Chicken Anemia Virus

23. **Field Surveillance: Level of Maternal Antibodies and CAV Infection at the Broiler Farm Related to Condemnations at Slaughter**
Beatriz Cardoso
24. **A Survey of Chicken Anemia Virus Infection in Broilers and Broiler Breeders Using the Polymerase Chain Reaction: 1997-2007**
Lanqing Li, Michael J. Luther, Alicia Wise, and Fred J. Hoerr,
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