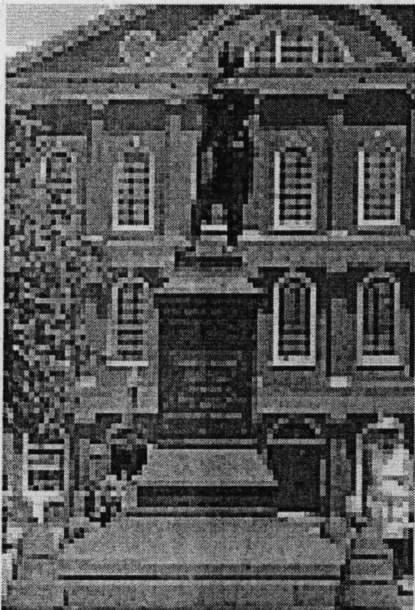


AAAP SUMMER NEWSLETTER

May 2001

AAAP Annual Meeting

to be held July 14-18 in Boston, Massachusetts



The AAAP Board of Directors will meet all day on Friday, July 13 and Saturday, July 14 and again on Wednesday morning, July 18 in the Provincetown Room at the Marriott Copley Place Hotel. All members are welcome to attend.

The AAAP Business Meeting will be on Tuesday, July 17 at 10:30 AM in the Convention Center.

There will be refreshments in the poster room each day at 7:30 AM.

Please come and enjoy!

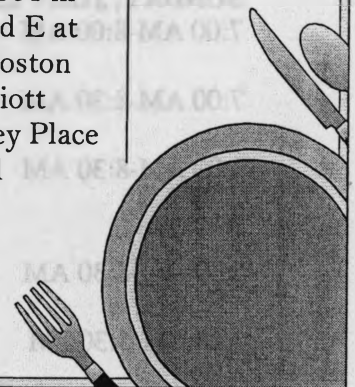
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upenn.edu/~aaap/](http://cahpwww.nbc.upenn.edu/~aaap/)

Members wishing to obtain continuing education certificates for the meeting must see Dr. Eckroade at the meeting.

AAAP AWARDS LUNCHEON

The Awards luncheon will be held on Monday, July 16, 2001 in Grand E at the Boston Marriott Copley Place Hotel

Please return the attached ticket order form ASAP.



Visit the new
AAAP website at
[http://cahpwww.
nbc.upenn.edu/
~aaap/](http://cahpwww.nbc.upenn.edu/~aaap/).

Do you like to talk to people about what you do? Or explain why Poultry Medicine/Research is the Greatest Job as a veterinarian? Would you like to help AAAP gain new members? If you answered "Yes" to any of these questions, think about volunteering two hours of your time at the BOSTON AVMA/AAAP meeting at the AAAP Booth in the exhibit hall during the conference. If you are interested please contact Dr. Susan Williams at (517) 432-4020 or by email at williams@ahdl.msu.edu for details. Thanks from the Membership Committee.





**American Association of Avian Pathologists
Schedule of Events
Marriott Copley Place, Boston, Massachusetts**

FRIDAY, JULY 13

8:00 AM-7:00 PM

Board of Directors Meeting
Provincetown Room

SATURDAY, JULY 14

8:00 AM-7:00 PM

Board of Directors Meeting
Provincetown Room

9:00 AM-6:30 PM

ACPV Exam
Wellesley Room

SUNDAY, JULY 15

7:00 AM-8:00 AM

AAAP/AVMA Liaison Committee
Boston College Room

7:00 AM-8:30 AM

Awards Committee
Boston University Room

7:00 AM-8:30 AM

Toxic, Infectious, Miscellaneous, and Emerging
Diseases Committee

7:30 AM-8:30 AM

MIT Room
Georgia MAM Alumni Group
Regis Room

7:30 AM-5:30 PM

Poster Session

8:00 AM-5:00 PM

Convention Center
Respiratory Diseases Symposium
Convention Center

9:00 AM-11:00 AM

WVPA Congress Committee
Grand K

12:00 PM-1:30 PM

California Alumni Group
Grand D

12:15 PM-1:15 PM

Avian Disease Manual Editorial Committee
Boston University Room

12:15 PM-1:15 PM

Membership Committee
Boston College Room

3:00 PM-7:00 PM

ACPV Board Meeting
Provincetown Room

4:00 PM-6:00 PM

Long Range Planning Committee
Tufts Room

5:00 PM-7:00 PM

Diseases of Poultry Editorial Board
Boston College Room

MONDAY, JULY 16

7:00 AM-8:00 AM

Avian Diseases Editorial Board
Grand C,D Room

7:00 AM-8:00 AM

Preceptorship Committee
Boston University Room

7:00 AM-8:00 AM

Epidemiology Committee
Boston College Room

7:00 AM-8:30 AM

History Committee
Harvard Room

7:00 AM-8:30 AM

Education Committee
MIT Room

**MONDAY, JULY 16 cont.**

7:30 AM-9:00 AM

Foodsafety & Diseases of Public Health
Significance Committee

Brandeis Room

Poster Session

Convention Center

7:30 AM-5:30 PM

Scientific Program Session A

Convention Center

8:00 AM-5:00 PM

Scientific Program Session B

Convention Center

8:00 AM-5:00 PM

Noon-2:00 PM**AAAP Awards Luncheon****Marriott - Grand E Room**

2:00 PM-6:00 PM

ACPV Board Meeting

Provincetown Room

5:00 PM-6:00 PM

Enteric Diseases Committee

Grand C Room

6:00 PM-7:00 PM

Animal Welfare and Management Committee

Suffolk Room

6:00 PM-8:00 PM

Biologics Committee

*Grand B Room***TUESDAY, JULY 17**

7:00 AM-8:00 AM

Biotechnology Committee

Boston College Room

7:00 AM-8:30 AM

Drugs and Therapeutics Committee

MIT Room

7:00 AM-9:00 AM

ACPV Reception

Grand A-D Room

7:30 AM-5:30 PM

Poster Session

Convention Center

8:00 AM-5:00 PM

Scientific Program Session A

Convention Center

8:00 AM-5:00 PM

Scientific Program Session B

Convention Center**10:30 AM-12:00 noon****AAAP BUSINESS MEETING****Convention Center**

5:00 PM-6:00 PM

Electronic Information Committee

Boston University Room

5:30 PM-7:00 PM

Respiratory Diseases Committee

Grand A,B Room

6:00 PM-7:00 PM

Tumor Virus Committee

*Boston College Room***WEDNESDAY, JULY 18**

7:00 AM-11:00 AM

Board of Directors Meeting

Provincetown Room

7:30 AM-Noon

Poster Session

Convention Center

8:00 AM-Noon

Scientific Program Session A

Convention Center

8:00 AM-Noon

Scientific Program Session B

Convention Center



Respiratory Diseases of Poultry Symposium
Sunday, July 15, 2001
Convention Center

| | | |
|----------|--|-------------------|
| | Moderator: Sherrill Davison | |
| | <i>Infectious Bronchitis Virus</i> | |
| 8:00 am | Diagnostic Tests for Infectious Bronchitis Virus – Advantages and Limitations of the Currently Used Techniques | Mark Jackwood |
| 8:15 am | S1 Sequence Analysis; A Tool for Understanding Infectious Bronchitis Virus Outbreaks | Jack Gelb |
| 8:30 am | Infectious Bronchitis in Pennsylvania | Sherrill Davison |
| 8:45 am | The Current Status of the Detection and Typing of Infectious Bronchitis Virus | Fred Hoerr |
| 9:00 am | Discussion | |
| | <i>Infectious Laryngotracheitis</i> | |
| 9:15 am | Current Field Status of Infectious Laryngotracheitis | John Smith |
| 9:30 am | Tracking Infectious Laryngotracheitis in the Field | Maricarmen Garcia |
| 9:45 am | New Approaches in Infectious Laryngotracheitis Vaccine Development | Calvin Keeler |
| 10:00 am | Discussion | |
| 10:15 am | Break | |
| | <i>Mycoplasma Gallisepticum</i> | |
| 10:45 am | <i>Mycoplasma gallisepticum</i> in North Carolina: 1999-2000 | David Ley |
| 11:00 am | Some Perspective on <i>Mycoplasma</i> Diagnosis and Control | Stanley Kleven |
| 11:30 am | Discussion | |
| 11:45 am | LUNCH | |
| | Moderator: Fred Hoerr | |
| | <i>Avian Influenza</i> | |
| 1:30 pm | National and International Avian Influenza Outbreaks and Strategies for Control | David Swayne |
| | <i>Newcastle Disease</i> | |
| 2:00 pm | Newcastle Disease Virus Pathotyping: The Current Emphasis on the ICPI | Jack King |
| 2:15 pm | Molecular Evolution of Newcastle Disease Virus and the Application of Molecular Diagnostics | Bruce Seal |
| | <i>Pneumoviral Infection</i> | |
| 2:30 pm | Epidemiology of Avian Pneumovirus and Host Range | K.V. Nagaraja |
| 2:45 pm | Pathogenesis and Detection of Avian Pneumovirus Infection | Daniel Shaw |
| 3:00 pm | DISCUSSION | |
| 3:30 pm | Adjourn | |



2001 AAAP/AVMA SCIENTIFIC PROGRAM

| | Monday, July 16, 2001 Session A | Monday, July 16, 2001 Session B |
|-------|--|--|
| | Moderator: Carol Cardona | Moderator: Chuck Hofacre |
| 8:00 | Molecular characterization of oncogenic avian leukosis virus subgroup J Zavala, Guillermo, Mark Jackwood, & Deborah Hilt | Rapid and specific detection of Campylobacter sp., Salmonella sp. and E. coli O157 with multiplex PCR-ELISA Hong, Yang, Margie Lee, & John Maurer |
| 8:15 | Molecular and classical analysis of nested RT-PCR ALV-J positive plasma samples undetected by virus isolation coupled with antigen capture ELISA El-Attrache, John, Pedro Villegas, & Maricarmen Garcia | Frequency and location of Salmonella enteritidis contamination in eggs associated with various routes of experimental infection of laying hens Gast, Richard, Jean Guard-Petter, & Peter Holt |
| 8:30 | The Effect of immunosuppression caused by cyclophosphamide treatment of broiler chickens in Avian leucosis virus subgroup J (ALV-J) infection Yongbaek, Kim, Tom Brown, Mary Pantin-Vera, & Saad Gharaibeh | Use of new lateral flow panel for detecting Group D Salmonella, to rapidly determine Salmonella enteritidis (SE) presence in egg contents Holt, Peter, Kun-Ho Seo, Richard Gast, & Henry Stone |
| 8:45 | Natural history of Avian Leukosis Virus-Subgroup J in a closed flock of broiler breeder chickens over three years Brown, Thomas, Nancy Stedman, Mary Pantin, Saad Gharaibeh, Kim Yongbaek, & Justin Verner | Salmonellas from poultry products, environment and from the diagnostic samples Dhillon, A. Singh, P. Roy, L. H. Lauerman, D.M. Schaberg, D. Bandli, & S. Johnson |
| 9:00 | Evidence for myeloblastosis associated virus type-1 in a commercial White Leghorn stock Spencer, J. Lloyd, Maria Chen, Susan Nadin-Davis, & Bernhard Benkel | Broad serotype screening test for serologic diagnosis of Salmonella in poultry Holmquist, Goran, Andrea Ballagi, Harold van den Heijden, & Valerie Leathers |
| 9:15 | Effects of maternal antibodies against ALV-J on severity of ALV-J infection in broiler chickens exposed to hatch mates shedding virus Gharaibeh, Saad, Tom Brown, Mary Pantin, & Kim Yongbaek | Characterization of resistance genes in Salmonella isolates from commercial poultry Liljebjelke, Karen, Tongrei Liu, Charles Hofacre, & John Maurer |
| 9:30 | Evaluation of experimental vaccines for subgroup J avian leukosis virus Fadly, Aly, Lucy Lee, & Henry Hunt | Salmonella-IBDV interaction in broiler chickens Bautista, Daniel, Elankumaran Subbiah, Robert Heckert, Gretchen Oshop, Lenita Moura & Jane Wilson |
| | Break 9:45 AM – 10:15AM | Break 9:45 AM – 10:15AM |
| | Moderator: Richard Witter | Moderator: John Glisson |
| 10:15 | Investigation of the Role of non-MHC alloantigen systems on Marek's disease pathogenicity in broilers Wakenell, Patricia, W. Elwood Briles, Maung San Myint, Thomas Farver, & Donald Link | Different control approaches of a highly virulent Salmonella enteritidis infection in chicken Barbour, Elie, Gida Banat, Mohammed Farran, Obeid Faroon, & Faris Jirjis |
| 10:30 | Characterization of Marek's Disease Virus gene encoding an IL8-like chemokine Cui, Xiaoping, Lucy Lee, & Sanjay Reddy | Expression of SEF14 fimbrial antigen in a non-pathogenic carrier as a live vaccine for Salmonella enteritidis infection in chicken Lopes, Vanessa, Hyun-Jin Shin, David Halvorson, & Kakambi Nagaraja |
| 10:45 | Recombinant technology to mutate Marek's disease virus genes, pp38 is not essential for oncogenesis Reddy, Sanjay, Blanca Lupiani, Robert Silva, Lucy Lee, & Richard Witter | Construction and evaluation of a live attenuated vaccine to protect chickens against Group C Salmonella Roland, Kenneth, Steve Gort, Steve Tinge, Beth Warner, & Mark Campbell |
| 11:00 | Virulence of Marek's disease virus: role of the 132 bp repeats Silva, Robert, Blanca Lupiani, & Sanjay Reddy | Comparison of fecal shedding of avian bacterial pathogens and parasites from free-living passerines and waterfowl Morishita, Teresa, Dawn Fallacara, Clifton Monahan, Elizabeth Ley, Pyone Aye, & Brian Harr |
| 11:15 | Characterization of a putative immunogenic epitope of p38 related to Rispens strain of Marek's Disease virus Lee, Lucy, Zhizhong Cui, Sanjay Reddy | Potential human health consequences of use of antimicrobial agents in chickens Angulo, Frederick, Shannon Rossiter, & Jennifer Wright |



| Monday, July 16, 2001 <i>cont'd.</i> Session A | | Monday, July 16, 2001 <i>cont'd.</i> Session B | |
|---|--|---|---|
| 11:30 | Distinct pathogenesis of transient paralysis and persistent neurological disease revealed by differential attenuation of Marek's disease virus Gimeno, Isabel, Richard Witter, Henry Hunt, Sanjay Reddy, & Ulrich Neumann | | Effects of products from Con. A stimulated peripheral blood lymphocytes on different bacteria Ali, Akbar, & Donald Reynolds |
| AAAP Awards Luncheon 11:45 AM – 2:00 PM | | AAAP Awards Luncheon 11:45 AM – 2:00 PM | |
| | Moderator: Thomas Brown | | Moderator: Stanley Kleven |
| 2:00 | Improved efficacy of partially attenuated vaccines for Marek's disease Witter, Richard | | (Reed Rumsey) |
| 2:15 | Case Report: An unusual neurologic presentation in broiler chickens associated with lymphocytic infiltrates in the cervical spinal cords Davis, James, George Rowland | | (Reed Rumsey) |
| 2:30 | Epidemiology of an outbreak of Reticuloendotheliosis in breeder and market age turkeys Crespo, Rocio, H.L. Shivaprasad, Cheryl Hall, & Aly Fadly | | The epidemiology of mycoplasma gallisepticum in North Carolina. An update. Martinez, Algis, Jean-Pierre Vaillanourt, David Ley, & Charlotte Smith |
| 2:45 | Pathology of Reticuloendotheliosis in breeder and market age turkeys Shivaprasad, H.L., Rocio Crespo, Cheryl Hall, & Aly Fadly | | Observations on the use of the random amplified polymorphic DNA analysis test on Mycoplasma gallisepticum cases in Colorado Wooming, Brian, & David Ley |
| Break 3:00 PM – 3:30PM | | Break 3:00 PM – 3:30PM | |
| | Moderator: David Swayne | | Moderator: David Ley |
| 3:30 | Pathobiology of a Hong-Kong origin H5N1 avian influenza virus in pigeons, geese, and emus Perkins, Laura & David Swayne | | Pathogenicity of Mycoplasma gallisepticum field isolates for chickens and turkeys Sanei, Babak, David Ley, & H. John Barnes |
| 3:45 | The H5N2 avian influenza makes its debut in Central America Senne, Dennis, David Suarez, Janice Pedersen, & Brundaban Panigrahy | | Detection of Mycoplasma synoviae in chicken tissues by in situ DNA hybridization with catalyzed signal amplification Lockaby, Susan, Frederic Hoerr, & Lanqing Li |
| 4:00 | Difficulties associated with the isolation and identification of avian influenza virus Woolcock, Peter, Michael McFarland, & Steven Lai | | Comparison of the pathogenicity of recent isolates of Mycoplasma synoviae in turkeys Kleven, Stanley, Min Su Kang, Victoria Leiting, & W.D. Hall |
| 4:15 | Isolations of Non H5 or H7 Avian Influenza subtypes from backyard Pennsylvania poultry flocks Henzler, David, Bruce Schmucker, & Philip DeBok | | Clearance of Mycoplasma synoviae from the upper respiratory tract by local treatment with antibody and tiamulin Ramirez, Antonio, Eliana Icochea, Norma Noe, & Sharon Levishon |
| 4:30 | Avian Influenza: Finding more timely, sensitive and cost-effective protocols for virus surveillance Slemmons, Richard, & Ann Reid | | Response to treatment of mycoplasmosis in broiler breeders based on evaluation by pipped embryo analysis Payne, Albert, William Serna, & Tony Unandar |
| 4:45 | Impact of H9N1 avian influenza infection in a layer farm Lucio-Martinez, Benjamin | | Effect of Enrofloxacin and Tylosin on protection against MG challenge in birds vaccinated with TS-11 Contreras, Manuel, Rafael Fernandez, & Enrique Montiel |
| 5:00 | Adjourn | | Adjourn |
| Tuesday, July 17, 2001 Session A | | Tuesday, July 17, 2001 Session B | |
| | Moderator: Pedro Villegas | | Moderator: Alex Bermudez |
| 8:00 | Reliable virulence measures for the Newcastle disease virus (NDV) Panigrahy, Brundaban, Dennis Senne, & Janice Pedersen | | Evaluation of Avian E. coli Iss Monoclonal Antibodies Foley, Steven, Shelley Horne, Michael Robinson, & Lisa Nolan |



| | Tuesday, July 17, 2001 <i>cont'd.</i> Session A | Tuesday, July 17, 2001 <i>cont'd.</i> Session B |
|-------|--|--|
| 8:15 | Virulence of six heterogenous-origin Newcastle disease virus isolates for domestic chickens Kommers, Glaucia, Daniel King, Bruce Seal, & Corrie Brown | Involvement of Iss in Avian Escherichia coli virulence and complement resistance Horne, Shelley, Cathy Giddings, Richard Wooley, & Lisa Nolan |
| 8:30 | Passive immunization protects birds following challenge with virulent NDV Reynolds, Donald, & Sevinc Akinc | The role of arsH in Avian Escherichia coli Gibbs, Penelope, Richard Wooley, & John Maurer |
| 8:45 | Newcastle disease vaccine failure in commercial broilers Senne, Dennis, Bruce Seal, Daniel King, Eduardo Rivera, & Cesar Villarreal | Apralan soluble powder for the control of colibacillosis-related mortality in growing chickens Rings, Bret, Gregory Moore, & Alan Zimmerman |
| | Break 9:00 AM – 9:30 AM | Break 9:00 AM – 9:30 AM |
| | Moderator: Jagdev Sharma | Moderator: Dick Slemmons |
| 9:30 | Rapid detection and strain differentiation of infectious bursal disease virus in formalin-fixed, paraffin-embedded tissue Pantin, Mary, Thomas Brown, Mark Jackwood, & Heather Ainsworth | Characterization of recent Pastuerella multocida isolates from California, Minnesota and Ohio Angrick, Elisabeth, Pyone Aye, & Teresa Morishita |
| 9:45 | Detection of single and multiple nucleotide polymorphisms in infectious bursal disease viruses using real-time RT/PCR Jackwood, Daral, & Susan Sommer | Evaluation of the effect of heating on oil emulsion Pasteurella multocida bacterin on reducing tissue reaction without affecting immunity Burns, Karen, Jaime Ruiz, & John Glisson |
| 10:00 | Pathogenicity of recent IBDV isolates inoculated in commercial broilers using in situ hybridization Banda, Alejandro, Pedro Villegas, John El-Attrache, & Corrie Brown | Case Study: Lesions associated with an accidental head injection with a live fowl cholera vaccine Gilbert, Robinette |
| 10:15 | Involvement of cytokines in the pathogenesis of infectious bursal disease virus (IBDV) in chickens Rautenschlein, Silke, Hung-Yueh Yeh, Moses Njenga, & Jagdev Sharma | Extraction, preparation, and efficacy of Pasteurella multocida capsule and outer membrane proteins in Pekin ducks Eltayeb, Amna, Jessie Price, & Mike Collins |
| | Business Meeting 10:30 AM – 12:00 Noon Lunch 12:00 Noon – 1:00 PM | Business Meeting 10:30 AM – 12:00 Noon Lunch 12:00 Noon – 1:00 PM |
| | Moderator: Mo Saif | Moderator: John Barnes |
| 1:00 | Cytokines modulate IBDV vaccination Yeh, Hung-Yueh, Silke Rautenschlein, & Jagdev Sharma | Factors affecting pathogenesis of avian pneumovirus in turkeys Jirjis, Faris, Sally Noll, David Halvorson, Kakambi Nagaaja, Alberto Back, & Daniel Shaw |
| 1:15 | The role of T cells in protection by inactivated IBDV vaccine Sharma, Jagdev, Silke Rautenschlein, & Hung-Yueh Yeh | Neonatal avian pneumovirus infection in commercial turkeys Halvorson, David, H.J. Shin, F.F. Jirjis, M.C. Kumar, M.K. Njenga, D.P. Shaw, S.L. Noll, & K.V. Nagaraja |
| 1:30 | Infectious Bursal Disease Virus Proventriculitis Kelly, Tami, Joe Giambrone, & Kalen Cookson | Immune response of turkeys following intranasal vaccination with BPL-inactivated avian pneumovirus and live-virus challenge Kapczynski, Darrell, & Cassandra Smith |
| 1:45 | Evaluation of IBDV and Marek's Disease virus vaccinations on maternal antibodies Miller, Sharon, & Daral Jackwood | The effect of Pneumovirus infection on performance of turkey breeders Rajcic-Spasojevic, Gorica |
| 2:00 | The role of immunosuppressive agents in the development of gangrenous dermatitis in broiler chickens Norton, Robert, Kenneth Macklin, & C. Wang | Effect of fermentable diets on enterocyte maturation and turkey coronavirus infection Pierson, William, Chanin Tirawattanawanich, & Calvert Larsen |
| 2:15 | Pathogenesis of chicken infectious anemia virus: studies on latency Miller, Myrna, & Karel Schat | Effects of turkey coronavirus infection on turkey breeder hen performance Rives, David, & James Guy |



| | Tuesday, July 17, 2001 <i>cont'd.</i> | Tuesday, July 17, 2001 <i>cont'd.</i> |
|------|---|---|
| | Session A | Session B |
| | Break | Break |
| | 2:30 PM – 3:00 PM | 2:30 PM – 3:00 PM |
| | Moderator: John Smith | Moderator: David Rives |
| 3:00 | California 99 and Nebraska 95 strains of infectious bronchitis virus: Molecular and serological characterization Jackwood, Mark, & Deborah Hilt | Production effects of exposure to Coban to turkey breeder hens in production that had previous exposure to Coban during rearing as breeder replacements Trites, James, & Ronald Lippert |
| 3:15 | Virological and serological identification of IBV strains known as DE-072 variants Villegas, Pedro, Miguel Ruano, John El-Attrache, & Naola Ferguson | A case report: An Atypical presentation of Erysipelas in commercial turkey hens Tilley, Becky, & J. Vernon Felts |
| 3:30 | The Pathogenesis and Genetic Characteristics of Nephropathogenic Infectious Bronchitis viruses isolated in the United States Lee, Chang-Won, Deborah Hilt, & Mark Jackwood | Pseudoaspergillosis in young turkey poult caused by Staphylococcus aureus Barton, James |
| 3:45 | Protection against IBV Nebraska 95 isolate Alvarado, Ivan, Pedro Villegas, John El-Attrache, & John Glisson | Efficacy of Fenbendazole against round worms (A. dissinnilis) in commercial turkeys Karunakaran, Daniel |
| 4:00 | Prevalence of Infectious Bronchitis virus during the downtime period in broiler houses Ruiz, Jaime, John Glisson, & Karen Burns | Reduced 2-week mortality in turkey poult following administration of soluble tylosin tartrate Evans, Robert, & Daniel Karanukaran |
| 4:15 | Multiple serotypes of infectious bronchitis virus identified from a commercial layer farm Lu, Huaguang, Q. Yang, T. Ward, P. Dunn, & D. Weinstock | Turkey Enteritis – Gross and Histologic Evaluations from the field Cummings, Timothy |
| 4:30 | Management of an endemic Infectious Bronchitis 072 variant in a commercial broiler complex Payne, Albert | Characterization of a reovirus isolated from PEMS causing liver lesions Schat, Karel, Priscilla O'Connell, Cherilyn Heggen-Peay, & Muquarrab Quereshi |
| 4:45 | Field observations from the use of a vaccine reaction score system for IBV on broiler performance Venne, Daniel | The pathogenesis of turkey astrovirus infection in poult Behling-Kelly, Erica, Stacey Schultz-Cherry, Matt Koci, Laura Kelley, & Corrie Brown |
| 5:00 | Adjourn | Adjourn |
| | Wednesday, July 18, 2001 | Wednesday, July 18, 2001 |
| | Session A | Session B |
| | Moderator: Willie Reed | Moderator: Buzz Klopp |
| 8:00 | A recombinant fowl pox virus containing IBV-S1 gene and its potential for a vaccine Khan, Mazhar, Xiuqing Wang, William Schnitzlein, & Deoki Tripathy | The concurrence of Staphylococcus aureus with broiler ascites Keirs, Robert, Chinling Wang, & Donnie Zumwalt |
| 8:15 | Homologous fowlpox virus promoters for the development of recombinant vaccines Srinivasan, Viswanathan, William Schnitzlein, & Deoki Tripathy | Four-year summary of the disease incidence of broiler breeders in north Alabama VanSambeck, Francene, Frederic Hoerr, Susan Lockaby, & Tami Kelley |
| 8:30 | Efficacy and safety of a recombinant fowl pox virus containing Laryngotracheitis genes Moore, Kristi, Jennifer Davis, Yoshinari Tsuzaki, David Hout, Motoyuki Esaki, Takahi Okuda, & Joan Leonard | Production loss and mortality in broiler breeders from suspected salinomycin toxicity Roney, Charles S., & Jeffery Courtney |
| 8:45 | Analysis of MG genes expressed by a fowl pox virus vector Tsuzaki, Yoshinari, Jennifer Davis, David Hout, Shuji Saitoh, Motoyuki Esaki, Takashi Okuda, Ayumi Fujisawa, & Joan Leonard | Antibiotic sensitivity profiles of E. coli isolates from commercial broiler chickens submitted to the Salisbury Animal Health Laboratory from 1998-2000 Tablante, Nathaniel, & Fidelis Hegngi |
| 9:00 | Diseases and Lesions in the integument Julian, Richard | Rofenaid disk-diffusion assay results Clark, Steven |
| 9:15 | Role of management in control of fowl pox in laying chickens Spasojevic, Radivoje | Pathologic characterization of four Michigan Infectious Laryngotracheitis virus isolates Fulton, Richard, Roger Maes, & Cunqin Han |



| | Wednesday, July 18, 2001 <i>cont'd.</i> Session A | Wednesday, July 18, 2001 <i>cont'd.</i> Session B |
|-------|---|--|
| | Break 9:30 AM – 9:45 AM | Break 9:30 AM – 9:45 AM |
| | Moderator: Mick Fulton | Moderator: Ken Opengart |
| 9:45 | Genetic and antigenic characterization of a poxvirus from ostrich Tripathy, Deoki, Tac-Joong Kim, H. L. Shivaprasad & Peter Woolcock | Haemoproteus lophortyx infection in bobwhite quail Cardona, Carol, Bill Johnson, & Arthur Ihejirika |
| 10:00 | Purification and sequencing of specific REV protein in REV-integrated fowl pox virus Tadese, Theodros, & Willie Reed | Development of new, reliable, non-radioactive colorimetric assay to monitor lymphocyte proliferation during Eimeria tenella infection Lillehoj, Hyun, Tadashi Miyamoto, & Wongi Min |
| 10:15 | A caveat in FVP vaccines and their recombinants, a need for better vaccine Singh, Pratik, William Schnitzlein, & Deoki Tripathy | Coccidiosis control and immunity development using Clinacox (diclazuril) or Salinomycin in extended withdrawal programs Mathis, Greg, & Marcelo Lang |
| 10:30 | Immunogenicity of recombinant plasmid DNA expressing the VP2 capsid protein gene of infectious bursal disease virus and chicken interleukin-2 Hulse, Diane, & Carlos Romero | Productive performance of broilers protected with a nonattenuated Eimeria vaccine Icochea, Eliana, Miguel Adriano, Antonio Ramirez, & Pablo Reyna |
| 10:45 | DNA vaccination with plasmids containing various fragments of large segment genome of infectious bursal disease virus Wu, Ching Ching, Hua Chen Chang, & Tsang Long Lin | The performance of Maxiban and Nicarbazine with and without BMD in broiler starter rations Rings, Bret, & Robert Cochrane |
| 11:00 | Determination of the most effective in ovo route for DNA vaccine delivery Moura, Lenita, Robert Heckert, Subbiah Elankumaran, & Gretchen Oshop | An evaluation of the association between gut pH, feed passage, coccidial lesions and clostridium perfringens in broiler chickens submitted to the Salisbury Animal Diagnostic Laboratory Hegngi, Fidelis, Nathaniel Tablante, Pierre Brunet, & Pete Warner |
| 11:15 | In ovo DNA vaccination Oshop, Gretchen, Robert Heckert, Subbiah Elankumaran, & Lenita Maura | The effects of chemical litter treatment on clostridia perfringens induced necrotic enteritis in broiler chickens; a pilot study verifying a laboratory model Martin, Michael, Patricia Wakenell, Randolph Chick, & Chris O'Brien |
| 11:30 | Adjourn | Adjourn |

POSTER PROGRAM

- Relative importance of biosecurity measures: A Delphi Study**
Vaillancourt, Jean-Pierre, & Algis Martinez
- Biological and molecular characterization of a novel quail herpes virus**
Link, Donald, Karel Schat, & Patricia Wakenell
- The Effects of Riemerella (Pasteurella) anatipestifer on Pekin Ducks**
Sarver, Craig, Teresa Morishita, Y.M. Saif, & Bedros Nersessian
- Experimental inoculation of pigeons (Columba livia) with Mycobacterium bovis**
Zwick, Laura, Scott Fitzgerald, & Willie Reed
- Avulsion of the Common Retinaculum in Meat Turkeys**
Crespo, Rocio, Cheryl Hall, & Yan Ghazikhanian
- Antigenic relationship of turkey coronavirus isolates in the U.S.**
Lin, Tsang Long, Chien Chang Loa, Ching Ching Wu, Thomas Bryan, Tom Hooper, & Donna Schrader
- Development and validation of a competitive enzyme-linked immunosorbent assay for detection of turkey coronavirus-specific antibodies**
Guy, James, Jamie Breslin, & Lynda Smith
- Analysis of the polyprotein catalytic site on OH-infectious bursal disease virus (IBDV) strain protein VP4 by site-directed mutagenesis**
Rodriguez, Juan, & Frederick Kibenge
- Trafficking in the chicken of recombinant plasmid DNA expressing the VP2 capsid protein gene of infectious bursal disease virus**
Hulse, Diane, & Carlos Romero
- The sequence evidence of swine influenza viruses infecting chickens and turkeys**
Suarez, David
- Genetic diversity of Campylobacter jejuni from broiler chickens at processing**
Jeffrey, Joan, Karen Tonooka, Joan Lazano, & Allison Hunter



12. **Isolation and characterization of fluoroquinolone-resistant *Campylobacter* sp. from poultry samples**
Ghori, Hashim, & Mohammed Nawaz
13. **Comparison of RT-PCR with bacterial culture as methods for detecting *Campylobacter jejuni* in chicken eggs**
Reimer, Nancy, Mary Pantin-Vera, Thomas Brown, & Nelson Cox
14. **Efficacy of water administration of sodium acid sulfate in reducing crop contamination during feed withdrawal**
Byrd, J. Allen, & Trisha Marsh Johnson
15. ***Salmonella enteritidis* cross contamination of table eggs**
Boulianne, Martine, & Serge Messier
16. **Initial screen for presence of *Salmonella* in poultry environments with nested-PCR**
Liu, Tongrui, Elizabeth Bartlett, Charles Hoface, Susan Sanchez, & John Maurer
17. **Genetic variability of reticuloendotheliosis provirus in the genome of fowlpox virus**
Schnitzlein, William, Pratik Singh, & Deoki Tripathy
18. **Molecular characterization of Reticuloendotheliosis Virus (REV) insertions in the genome of field and vaccine strains of fowl pox virus (FPV)**
Narang, Neelam, Maricarmen Garcia, William Reed, & Aly Fadley
19. **Poxvirus from a condor is biologically different from fowlpox virus**
Kim, Tae-Joong, & Deoki Tripathy
20. **Characterization of a possible avian macrophage est library**
Bliss, Travis, Marlene Emara, & Calvin Keeler
21. **Effect of toe trimming, probiotics and litter acidification on the incidence of cellulitis in broiler chickens**
Tessier, Michelle, Philippe Labelle, Robert Gauthier, & Martine Boulianne
22. **Correlation of phenotypic characteristics and embryo lethality in identifying virulent and commensal avian *Escherichia coli***
Wooley, Richard, & Penelope Gibbs
23. **C3b deposition on avian *Escherichia coli***
Nolan, Lisa, Catherine Giddings, Shelley Horne, & Richard Wooley
24. **Localization of Iss in an avian *Escherichia coli* isolate using conjugation, DNA:DNA hybridization, amplification and sequencing techniques**
Johnson, Timothy, Catherine Giddings, Shelley Horne, & Lisa Nolan
25. **Screening a genomic library of a virulent avian *Escherichia coli* isolate for iss**
Lynne, Aaron, Shelley Horne, Catherine Giddings, & Lisa Nolan
26. **Prevalence of Enteropathogenic *Escherichia coli* in naturally-occurring cases of poult enteritis-mortality syndrome**
Pakpinyo, Somsak, H. John Barnes, David Ley, & James Guy
27. **Establishment of methods to detect avian Leukosis Virus subgroup J (ALVJ) envelop antigens**
Li, Maoxiang, Lucy Lee, & Aly Fadly
28. **Using ultrasound to predict lean tissue mass in broiler breeder hens**
Dixon, Sallee, Robert Teeter, & Kenneth Powell
29. **Feline aminopeptidase N as a receptor for Infectious Bronchitis virus**
Wang, Chinling, Betty Miguel, & Gregory Pharr
30. **Glycosylation analysis of the IBV spike glycoprotein**
Wade, Emma, Mark Jackwood, & Deborah Hilt
31. **Synthesis and analysis of hammerhead ribozymes targeted to Infectious Bronchitis virus subgenomic mRNA's**
Callison, Scott, Mark Jackwood, & Deborah Hilt
32. **Use of a live coccidial oocyst vaccine to change a salinomycin-resistant field *Eimeria maxima* population**
Newman, Linnea, Harry Danforth, Steve Roney, & John McCarty
33. **Immunogenetic Assessment of Staphylococcal Tenosynovitis and Osteomyelitis in broiler breeder stock**
Bessinger, Kellye, Frederic Hoerr, Sandra Ewald, & Vicky Van Santen
34. ***Staphylococcus aureus* granulomatous pneumonia in 6-day-old turkey poults**
Bermudez, Alex, & Magalie Boucher
35. **Correlation of tracheal antigenic distribution and levels of specific humoral antibodies in pneumovirus infected broiler breeders and their offsprings**
Barbour, Elie, Faris Jirjis, & Shady Hamadeh
36. **Reproductive tract tumors in mature laying hens**
Barnes, H. John, Gustavo Rodriguez, & Donna Carver
37. **Ontogeny of cellular and humoral immune response parameters ducks**
Wang, Y., PR China, & U. Neumann
38. **Investigations on immune cell populations of the head-associated lymphoid tissues: immunohistochemical aspects, cell mediated and humoral immune response in unvaccinated and vaccinated broilers**
Dumrongsoontornchai, P., U. Neumann
39. **Femoral bone lesions of unknown etiology at a poultry slaughtering/processing facility**
Davis, Meredith, Benjamas Promsopone, & Teresa Morishita



Association of Avian Veterinarians 22nd Annual Conference & Expo Call for Papers - To be held August 21-25, 2001 at the Hilton in the Walt Disney World Resort. The conference theme, "2001: An Avian Odyssey" appropriately characterizes AAV's mission of advancing and promoting avian medicine and stewardship. For more information, please contact the conference office at (303) 756-8380.

XII International Congress of the World Veterinary Poultry Association - To be held September 17-21, 2001 in Cairo, Egypt.

On behalf of the Ministry of Agriculture, the Ministry of High Education and Scientific Research, and the Egyptian Branch of the World Veterinary Poultry Association (WVPA) we are honored to invite you to attend the XII International Congress of the WVPA to be held under the general concept "Current Development and Prospects for Poultry Disease Prevention and Control." The main object of the Congress is to transfer knowledge from current research and experience to professionals in the field and

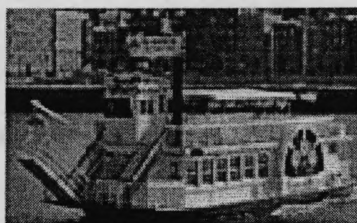
producers as well. Being held for the first time in an African country with history spanning 7000 years and splendid culture holds a very special appeal for visitors.

The excellent scientific program including eminent keynote speakers from different countries, the superb cultural and historical social program activities and the congress venue, the city of Cairo with its dazzling varied metropolis and contrasts, promise to fascinate and satisfy participants of the congress.

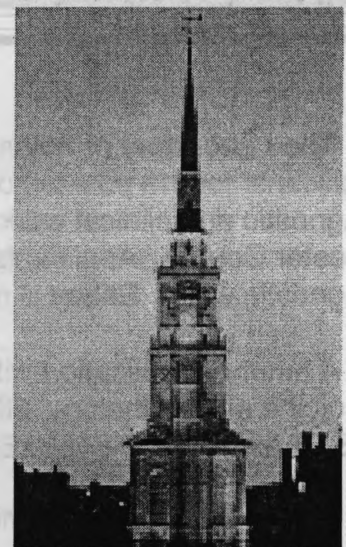
We take great pleasure in inviting you from all continents to attend the XII International Congress of the WVPA; the latter deserves our sincere thanks for its decision to hold its XII Congress in Egypt.

Main topics of the Scientific Sessions: Viral, mycoplasmal, bacterial, mycotic and parasitic diseases of poultry; Epidemiology and diagnosis of poultry diseases; Developmental, nutritional and metabolic disorders in poultry; Immunity and immune stimulants; Poultry vaccines and therapeutics; Contaminants and noxious substances in poultry feed and products; Poultry management and biosecurity; Poultry genetics and genetic disease resistance.

For more information contact the Organizing Committee, 12th International Congress WVPA 2001, MIPCO, PO Box 2399, El-Horriyis, Heliopolis, Cairo, Egypt. Phone (202) 244-2587. Fax (202) 247-4955. E-mail mipco@thewayout.net.



52nd North Central Avian Disease Conference - To be held September 30 - October 2, 2001 in Grand Rapids, Michigan. In addition to scientific papers and case reports, a symposium titled "The Science Behind Poultry Husbandry" will be held featuring Dr. Don Bell (egg-type chickens), Dr. Sally Noll (turkeys), and Dr. Stan Savage (meat-type chickens) as well as many other well known authorities. This conference offers a great educational as well as a recreational opportunity. Fall in Michigan is glorious! The Grand Rapids area is close to Lake Michigan, fruit orchards, quaint small towns, and many wineries. Bring your family and enjoy the many wonders of Michigan before or after the meeting. Pamphlets providing specific details about the meeting will be sent to all AAAP members on or about August 15, 2001. For more information please contact Dr. R. M. Fulton, Animal Health Diagnostic Laboratory, Michigan State University, P.O. Box 30076, Lansing, Michigan 48909. Fax 517-355-2152. e-mail fulton@ahdl.msu.edu.



STEVE DUNWELL



**5th International Symposium on Avian Influenza
Athens, Georgia, USA, 14-17 April 2002**

The 5th International Symposium on Avian Influenza will be held at the University of Georgia Center for Continuing Education, Athens, Georgia, USA, on 14-17 April 2002. Oral and poster presentations will cover pathobiology, virus reservoirs and ecology, molecular basis of virulence, vaccines and diagnostics, phylogenetics and molecular epidemiology, risk assessment, national and international control strategies, updates on recent highly pathogenic avian influenza outbreaks and impact on human health. Information on conference registration and Call-for-Papers will be mailed in the second announcement in September, 2001. Request for additional information and inclusion in mailings of registration materials contact:

Dr. D.E. Swayne

*USDA-ARS, Southeast Poultry Research Laboratory,
934 College Station Road, Athens, Georgia 30605 USA*

Phone: 706-546-3433; FAX 706-546-3161; E-mail: AI.symposium@sepri.usda.gov

Website: <http://sepri.ars.usda.gov/avian.influenza.symposium.htm>

Call for Papers

52nd North Central Avian Disease Conference

Submissions for scientific paper or case report presentations are currently being accepted for the 52nd North Central Avian Disease Conference to be held from September 30 through October 2, 2001 in Grand Rapids, Michigan. Please submit a title, authors names, and a one or two sentence summation of the presentation by July 20, 2001 to:

Dr. R. M. Fulton

**Animal Health Diagnostic Laboratory
Michigan State University
P.O. Box 30076
Lansing, Michigan 48909**

Submissions may also be made by fax at 517-355-2152 or by e-mail at fulton@ahdl.msu.edu

Lecturer Position Available

The Laboratory of Avian Medicine and Pathology at the University of Pennsylvania is seeking applicants for the position of lecturer. This one year appointment will include teaching, poultry diagnostic and clinical work at the New Bolton Center Campus which is located in Southern Chester County. Applicants must have a DVM or equivalent degree with experience in poultry diagnostic work. Salary is negotiable. A benefits package will be included.

A letter of application with CV should be sent to Dr. Robert J. Eckroade, Laboratory of Avian Medicine and Pathology, 382 West Street Road, Kennett Square, PA 19348. Phone 610-444-4282. Fax 610-925-8106. E-mail eckroade@vet.upenn.edu

The University of Pennsylvania is an equal opportunity employer.