66th North Central Avian Disease Conference  
March 16-17, 2015  
St. Paul RiverCentre, St. Paul, MN

Monday, March 16, 2015

7:30 – 8:30 AM  
Registration & Continental Breakfast

8:30 – 8:35   
Welcome and Introduction – Dr. Mick Fulton, NCADC Program Chair

8:35 – 8:50  
Welcome – Dr. Dale Lauer, Minnesota Board of Animal Health

Scientific Presentations  
Moderator: Drs. Chang-Won Lee & Pat Wakenell

8:50 – 9:10  
Mohamed El-Gazzar  
Multi-Locus Sequence Typing (MLST) a promising tool in investigating avian mycoplasma epidemiology

9:10 – 9:30  
Xi Guo (Cassie) €  
Potential risk factors associated with Spring introductions of influenza A virus in Minnesota turkeys

9:30 – 9:50  
Patrick Redig  
Falcons, falconry & waterfowl: A novel pathway for influenza viruses

9:50 – 10:10  
Sunil Mor  
A new enteric disease syndrome in Minnesota turkeys

10:10 – 10:30  
Jeanette Munoz  
Avian metapneumovirus testing, a novel sampling approach

10:30 – 10:50  
Break

10:50 – 11:10  
Hyesun Jang €  
The boosting effect of IFN in immune response to influenza vaccination in chickens

11:10 – 11:30  
Karen Lopez  
The secure egg supply plan: Business continuity planing for highly pathogenic avian influenza outbreak

11:30 – 11:50  
Yuko Sato €  
Ectopic thyroid follicular cell adenoma, papillary type, in a pigeon

11:50 – 1:20  
Lunch on your own

Moderator: Drs. Rob Porter & Tsang Long Lin

1:20 – 1:40  
Hector Cervantes  
Individual and combined effects of Virginiamycin and a Xylanase on broiler performance and intestinal health

1:40 – 2:00  
Daniel Karunakaran  
Prevalence and characterization of Clostridium perfringens Type A strains isolated from US turkey and broiler flocks

€Paper eligible for B. S. Pomeroy Award
2:00 – 2:20  John Dunn  The effect of host genetic resistance and vaccination of Marek’s disease virus transmission

2:20 – 2:40  R. Mick Fulton  *Streptococcus bovis* in ducklings, what does it mean?

2:40 – 3:00  Carol Cardona  Re-emergence of Avian Metapneumovirus Type C, Why it took us by surprise.

3:00 – 3:20  Break  *Moderator: Drs. Carol Cardona & K. V. Nagaraja*

3:20 – 3:40  Mahesh Kumar  A field perspective on the history and control of type C avian metapneumovirus in commercial turkeys in Minnesota

3:40 – 4:00  K.V. Nagaraja  Bacteria and the expression of disease associated with type C avian metapneumovirus

4:00 – 4:20  Timothy Goldsmith  Securing food in the face of an animal disease outbreak response

4:20 – 5:00  Ron Lippert  My decade of enlightenment

5:00 – 5:30  Disease Round Table- Lead by Dr. Mo Saif

5:30 – 5:50  NCADC Business Meeting—Dr. Mick Fulton

5:50  Kentucky Ale time—sponsored by Alltech

6:00 – 8:00  Awards Banquet  Co-sponsored by Alltech and Maple Leaf Farms
What does “a new genotype of an old pathogen” mean?

7:30 – 8:30 AM     Registration & Continental Breakfast

Moderator: Drs. Mick Fulton & Ching Ching Wu

8:15 – 9:00   Mo Saif
Infectious Disease: Old Concepts, New Technologies, New Challenges

9:00 –10:00  Nicolas Eterradossi
Technical and Biological Issues in Genotyping Widespread Avian Viruses: Some Examples from IBDV, IBV and Avian Metapneumovirus Research

10:00 – 10:20  Break

10:20 – 11:00 Mia Kim-Torchetti
Avian Influenza: Making Sense of the Alphabet Soup

11:00 – 11:40 Brenda Morningstar-Shaw
The Name Game: Keeping up with Salmonella

11:40 – 12:00 Panel
Questions and Answers

NCADC & MPF Joint Symposium on “Poultry Nutrition and Health” (1:30 – 5:00PM)

Dr. Sheila Purdum, University of Nebraska, Chairperson

1:30 – 2:15  Allison Van Eenennaam
GM Feeds and Animal Health: What Do the Data Say?

2:15 – 3:00  Sheila Purdum
In Vivo Digestion of Genetically Modified Proteins in the Chicken and Fate of Such Proteins

3:00 – 3:15 Break

3:15 – 4:00  Raj Murugesan
Recent Advances on Microbial and Enzymatic Deactivation of Mycotoxins

4:00 – 4:45  Adam Fahrenholz
Feed Particle Size and Poultry Performance