

2017 National Breeders Roundtable Program

Thursday, May 4

7:30 a.m. - Registration

8:20 a.m.

Opening Remarks

Chairperson: Dr. Petek Settar
Hy-Line International

Session I

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8:30 a.m.

Breeding for Enhanced Immune Response and Disease Resistance Using the High Immune Response Technology

Dr. Mehdi Emam
Ontario Veterinary College

9:30 a.m.

Using Genomics for Selection for Disease Resistance in Chicken and Turkeys

Dr. Rami Dalloul
Virginia Tech

10:30 a.m. - Break

11:00 a.m.

Unscrambling Chickens' Genetic Control of Oncogene Tumor Outcome

Robert L. Taylor, Jr.
West Virginia University

Noon - Lunch

Thursday, May 4 (Continued)

Session II

Chairperson Dr. Grant Mason
Aviagen

1:15 p.m.

Selection of Broilers for Increased Innate Immune Markers: Past Strategies and Looking Ahead

Dr. Christina L. Swaggerty
USDA - ARS

2:15 p.m.

Antiviral Defense in the Reservoir Host of Influenza

Dr. Katharine Magor
University of Alberta - Edmonton

3:15 p.m. - Break

3:30 p.m.

The Host Response to Avian Influenza in Chicken and Duck: Examination of the IFITM Genes

Dr. Jacqueline Smith
Roslin Institute - Edinburgh

4:30

Business Meeting

5:30 - 6:30 p.m.

Social Hour

Friday, May 5

Session III

Chairperson: Dr. Owens Willems
Hendrix Genetics

8:00 a.m.

Newcastle Disease Virus Response: The Role of Host Genetics

Dr. Sue Lamont
Iowa State University

9:00 a.m.

The Chicken Major Histocompatibility Complex: Variation, Recombination and Gene Duplication

Dr. Janet Fulton
Hy-Line International

10:00 a.m. - Break

10:30 a.m.

Marek's Disease: Exploring MDV-Induced Tumorigenesis, and Immunological Basis for

Genetic Resistance and Vaccinal Response

Dr. Hans Cheng
USDA-ARS

Closing Remarks and Adjournment