MEETING SCHEDULE

8:00 AM  Registration Desk Opens
9:30 AM  President’s Welcome  
Dr. Tara Felix, Penn State University
10:00 AM  Dr. Michael Baker, Cornell University  
The dairy x beef calf: the current market and future challenges to growth
11:00 AM  Dr. Chad Dechow, Penn State University  
Strategies to incorporate beef semen into dairy herds
12:00–2:00 PM  Lunch and Business Meeting
2:00 PM  Dr. Tara Felix, Penn State University  
Feeding and management of the crossbred steer
3:00 PM  Dr. Albert DeVries, University of Florida  
Economics of using beef semen in dairy cattle
4:00 PM  Industry Panelists
5:00–7:00 PM  Networking hour and graduate student poster competition
M.S. Poster Competition Presentations

Poster 1: Effects of high-amylase (Enogen) corn silage on rumen fermentation and productivity of lactating dairy cows
S. Welchez1, H. Stefenoni1, A. Melgar1, S. Raeisaen1, C. Lage1, D. Wason1, Z. Xiaoli1, A. Mejia2, 1The Pennsylvania State University, 2Panamerican Agricultural University, Zamorano

Poster 2: Phenotypic effects of Holstein cholesterol deficiency on carriers
B. Basiel1, A. Macrina1, C. Dechow1, 1The Pennsylvania State University

Poster 3: Effects of rumen-protected Capsicum on growth performance, blood metabolites and digestibility in growing beef steers
M. Westphalen1, J. Oh1, A. Hristov1, T. Felix1, 1The Pennsylvania State University

Poster 4: Investigating the Effectiveness of Seaweed Species on Methane Production and Rumen Fermentation in vitro
D. Wasson1, H. Stefenoni1, S. Raeisaen1, S. Welchez1, C. Lage1, A. Melgar1, M. Young1, C. Yarish1, A. Hristov1, 1The Pennsylvania State University, 2The University of Connecticut

Poster 5: The Effects of Probiotics on Growth and Development of Ram Lambs
A. Trench1, S. Reed1, S. Zinn1, B. Smith1, S. Aborn1, J. Feyler1, K. Govoni1, 1University of Connecticut, Department of Animal Science

Poster 6: Comparison of IgG absorption in calves fed a commercial colostrum replacer or supplemented maternal colostrum
J. Lopez1, C. Jones1, A. Geiger2, A. Heinrichs1, 1Department of Animal Science, The Pennsylvania State University, 2Zinpro Corporation

Poster 7: Subclinical Necrotic Enteritis and its Correlation with Osteomyelitis in Broilers
I. Rojas Nunez1, G. Lorenzoni1, A. Moore1, 1The Pennsylvania State University

Ph.D. Poster Competition Presentations

Poster 8: The Effects of Maternal Nutrient Restriction Followed by Re-alimentation of Offspring Metabolism in Sheep
B. Smith1, M. Vasquez-Hidalgo2, K. Vonnahme3, A. Grazul-Bilska4, K. Swanson4, N. Mishra3, S. Reed1, S. Zinn1, K. Govoni1, 1Department of Animal Science, University of Connecticut, 2Department of Animal Sciences, North Dakota State University, 3Department of Pathobiology and Veterinary Science, University of Connecticut

Poster 9: Trends in the use of beef semen in large Holstein herds in the western United States
J. Pereira1, F. Ferreira1, 1University of California, Davis

Poster 10: Histidine dose-response effects on lactational performance and plasma amino acid concentrations in lactating dairy cows
S. Raeisaen1, C. de Assis Lage1, J. Oh1, A. Melgar1, K. Nedelkov2, X. Chen1, M. Miura4, C. Parys5, A. Hristov1, 1The Pennsylvania State University, 2Trakia University, Bulgaria, 3University of Ulster, UK, 4Ajinomoto Inc., Japan, 5Evonik Nutrition and Care, GmbH, Germany

Poster 11: Sodium acetate and sodium bicarbonate increase milk fat yield through different mechanisms
C. Matamoros1, K. Harvatine1, 1The Pennsylvania State University

Poster 12: Effects of steroidal implants on feedlot performance, carcass characteristics, and serum and meat estradiol-17β concentrations of Holstein steers
P. Carvalho1, G. Perry2, T. Felix1, 1The Pennsylvania State University, 2South Dakota State University

Poster 13: Enteric gas emissions and lactational performance of dairy cows fed 3-nitrooxypropanol: A meta-analysis
A. Melgar1, N. Walker2, A. Hristov1, 1Department of Animal Science, The Pennsylvania State University, 2DSM Nutritional Products, Switzerland

Poster 14: Effect of abrupt transition of wethers from 80% forage to 80% concentrate diet on plasma metabolites, rumen histology and mRNA expression of key hepatic enzymes
G. Ali Chishti1, I. Salter2, K. Nedelkov2, T. Felix1, 1The Pennsylvania State University, 2South Dakota State University, 3Trakia University

Poster 15: Improving nutritive value of purple field corn residue by culturing with white-rot fungi
B. Khonkaeng1, K. Harvatine2, A. Cherdthong1, 1Khon Kaen University, 2The Pennsylvania State University
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