ASN-ADSA-ASAS Preconference

Regulation of Nutritional Intake and Metabolism

Chairs: James L. Sartin, President Elect, American Society of Animal Science and Teresa A. Davis President Elect, American Society for Nutrition

222AB

8:00 AM   Opening and Welcome
J.L. Sartin¹ and T.A. Davis², ¹American Society of Animal Science, ²American Society for Nutrition.

8:10 AM   Role of the Central Melanocortin System in Appetite Regulation and Nutrient Homeostasis.
B.L. Panaro and R.D. Cone*, Department of Molecular Physiology and Biophysics, Vanderbilt University School of Medicine, Nashville, TN.

9:00 AM   The regulation of hepatic glucose uptake in vivo.
A. Cherrington*, Vanderbilt University School of Medicine, Nashville, TN.

9:50 AM   Active and reactive amino acid homeostasis during feeding, lactation and disease.
G.E. Lobley*, Obesity and Metabolic Health Division, Rowett Institute of Nutrition and Health, University of Aberdeen, Aberdeen, UK.

10:40 AM  Morning Break

11:00 AM  Adipose and endocrine integration of metabolism.
P.E. Scherer*, UT Southwestern Medical Center, Dallas, TX.

11:50 AM  Lunch and Graduate Student Poster Competition

1:20 PM    Heat Stress and Post-Absorptive Metabolic Perturbations.
L.H. Baumgard*¹ and R.P. Rhoads³, ¹Iowa State University, Ames, ²Virginia Polytechnic Institute and State University, Blacksburg.

2:10 PM    Linoleic acid and inflammation: Evidence-based research from human clinical studies.
K.L. Fritsche*¹ and G.H. Johnson², ¹University of Missouri, Columbia, ²Johnson Nutrition Solutions, Kalamazoo, MI.

3:00 PM   Afternoon Break

3:20 PM    Microbial Hydrogen Metabolism in Colonic Health and Disease.
H. R. Gaskins*, University of Illinois at Urbana-Champaign.

4:10 PM    Characterizing the cellular mechanisms of post-prandial thermogenesis in skeletal muscle.
BA Henry* and IJ Clarke, Dept of Physiology, Monash University, Victoria, Australia.

5:00 PM   Closing Comments.
J.L. Sartin¹ and T.A. Davis², ¹American Society of Animal Science, ²American Society for Nutrition.