



American Society for Nutrition
Excellence in Nutrition Research and Practice



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, ¹*American Society of Animal Science*, ²*American 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. Rhoads², ¹*Iowa State University, Ames*, ²*Virginia 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, ¹*University of Missouri, Columbia*, ²*Johnson 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, ¹*American Society of Animal Science*, ²*American Society for Nutrition*.