Effects of Stress on Health and Production in Dairy Cows

Conference Objective
There is an increasing recognition within the animal and dairy science community of the complex and dynamic response to stress and the role of immune response in animal productivity and well-being. Obvious instances of infection include mastitis and metritis, but more inconspicuous examples of immunoactivation include weaning, the periparturient period, heat stress, rumen and hindgut acidosis and psychological/emotional stress. Recent evidence suggests that immune system activation reprioritizes nutrient partitioning away from important production and reproductive phenotypes, and this highlights its enormous economic implications. Consequently, there is large interest by the allied industry (both feed supplement and pharmaceutical) to identify target molecules and strategies to ameliorate immune-system-mediated production losses. The Discover Conference will concentrate on the activators and consequences of immune activation.

Conference Sessions
- Inflammatory and Metabolic Stressors During the Transition Period
- Neonatal Challenges and Disease
- GI Stress and Immunometabolism/Inflammation
- Immune System and Reproduction
- Integrating Immunity and Nutrition

Who Should Attend?
Members of the research and academic community, leading consultants, feed & pharmaceutical industry leaders, and members of governmental and regulatory agencies are encouraged to participate in this program. Graduate students and early career professionals are especially encouraged to attend.

Registration
Registration postmarked by October 1, 2018 is $375 for ADSA-ARPAS members and $425 for non-members, which includes sessions and most meals. After October 1, the registration fee will be $475 member/$525 non-member. Registration will be accepted on an availability basis.

Accommodations
All participants are responsible for making their own lodging reservations. The conference will be held at Eaglewood Resort and Spa in Itasca, IL. Reservations can be made online at the Conference Accommodations link at http://www.adsa.org/Meetings/DiscoverConferences/35thDiscoverConference.aspx

Travel
The 106-acre Eaglewood Resort & Spa is strategically located in northwest Chicago, just 35 minutes from downtown and 25 minutes west of O’Hare International Airport, and easily accessible via major roadways. Go to http://www.eaglewoodresort.com for detailed driving instructions.

For complete conference information, including the latest program and registration materials, go to: http://www.adsa.org/discover/