



INTERNATIONAL SYMPOSIUM ON RUMINANT PHYSIOLOGY

AUGUST 26-29, 2024



INTERNATIONAL SYMPOSIUM ON RUMINANT PHYSIOLOGY

ISRP is the major international symposium on ruminant physiology, providing an overview of current, important scientific findings and areas of research in the physiology of ruminants of all kinds.

American Dairy Science Association is honored to bring this prestigious event back to the United States for the first time in 60 years.

ADSA was established in 1906 to advance the emerging discipline of dairy science and to improve scientific practices in the dairy industry. Today, ADSA is supported by a diverse and growing global membership.

International Symposium on Ruminant Physiology

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CONFERENCE OBJECTIVE

Every five years, the ISRP provides a great opportunity to present the state-of-the-art thinking and practice in ruminant physiology to an international audience of scientists. In a tradition going back more than 60 years, the symposium is an excellent venue at which to assemble researchers in the field of ruminant physiology. There is no other international scientific symposium that offers such depth of this topic.

STRUCTURE

The 3½ day symposium will offer multiple keynote presentations, short talks selected from submitted abstracts, and poster sessions. Participants will receive a proceedings of high-quality review articles.

CONFERENCE OVERARCHING THEMES

- GI microbial ecology, the microbiome, and gut physiology spanning from microbial- host interactions to an update on methane production and mineral interactions
- Whole animal microbiome and integration of effects across systems including the central nervous system, lactation, reproduction, respiration, and immunity
- Post-absorptive physiological impacts of nutrients on cellular signaling
- Inflammation, metabolic endocrinology, metabolomics, and novel regulators of physiology and metabolism
- Genomics and epigenetic impacts on ruminant physiology and efficiency
- Insights from precision technology and data science and their application to ruminant physiology and management
- Integration of environment, physiology, behavior, wellbeing, and welfare including heat stress and climate change

WHO SHOULD ATTEND?

US and international scientists representing both academic and non-academic communities as well as graduate students.

LOCATION

Chicago Marriott Downtown, in the heart of the windy city and within proximity of Chicago's O'Hare International Airport and major interstates.

WWW.ISRP2024.ORG