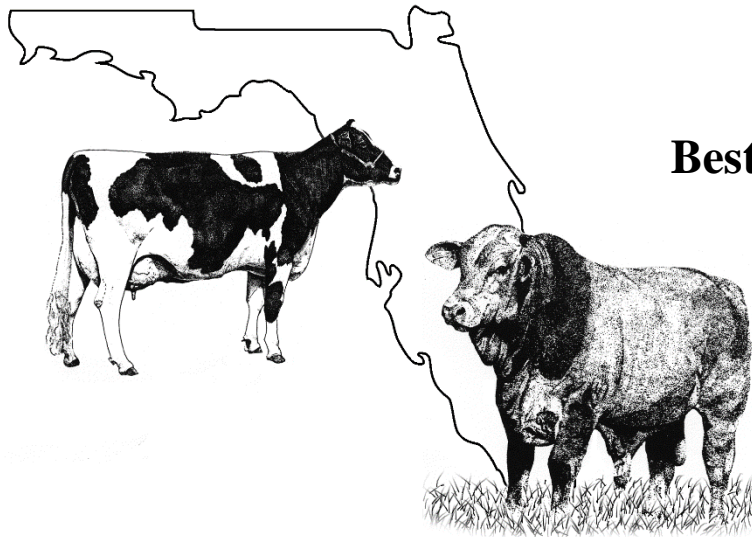


2025 Florida Ruminant Nutrition Symposium



February 24 - 26
Best Western Gateway Grand Hotel
Gainesville, Florida

36th Annual Meeting

UF | IFAS
UNIVERSITY of FLORIDA



**ANIMAL
SCIENCE**



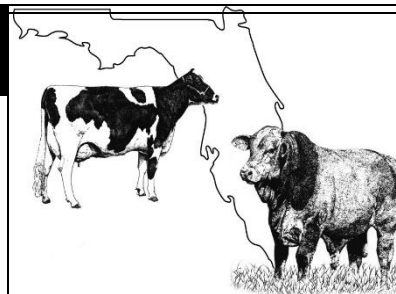
Visit the Symposium website today!
<https://tinyurl.com/UF-RNS2025>



Symposium Registration

36th Annual Florida Ruminant Nutrition Symposium

Feb 24 - 26, 2025 • Best Western Gateway Grand
Gainesville, FL



Registration Information

The registration fee includes the reception on Monday evening, Tuesday's lunch, refreshment breaks, and reception on Tuesday evening.

Early Reduced Registration Fee
(On or before Feb 17, 2025) **\$250.00**

Late & On-site Registration Fee
(After Feb 17, 2025)..... **\$300.00**

REGISTER ONLINE: Registration and sponsorship opportunities are available on the website below paying by credit card (VISA, MasterCard, or American Express).

Registration via Eventbrite at: <https://tinyurl.com/RNS-2025-Tickets>

FL Ruminant Nutrition Symposium website: <https://tinyurl.com/UF-RNS2025>

If mailing a check (payable to University of Florida/Ruminant Nutrition Symposium, U.S. dollars and drawn on U.S. banks), then contact Matti Moyer matti.moyer@ufl.edu with check and this registration form mailed to Department of Animal Sciences, 2250 Shealy Drive, University of Florida, Gainesville, FL 32611-0910.

REFUND POLICY: Send cancelation request to jepsantos@ufl.edu or through Eventbrite. A \$50.00 processing fee will be deducted from all refunds. Deadline for refunding is February 17, 2025.

Visit and Bookmark the Symposium Website for Details

- **Registration – Early Registration Fee Deadline is Feb 17, 2025**
- **Program Speakers, Updates & Announcements**
- **Accommodations & Meeting Site**
- **Sponsors & Supporters**
- <https://tinyurl.com/UF-RNS2025>
- **ARPAS CE credits:** 12 CE credits are approved by ARPAS.

Questions?

Conference Information

Dr. José E. P. Santos, Symposium Organizer
Department of Animal Sciences
2250 Shealy Drive
PO Box 110910
Gainesville, FL 32611-0910
TEL: (352) 294-6998 • FAX: (352) 392-1931
E-MAIL: jepsantos@ufl.edu

Conference Information

Matti R. Moyer
Department of Animal Sciences
2250 Shealy Drive
PO Box 110910
Gainesville, FL 32611-0910
TEL: (352) 392-3889 • FAX: (352) 392-3922
E-MAIL: matti.moyer@ufl.edu

Symposium Program

Monday, Feb 24, 2025 - Mini-Symposium sponsored by Balchem Corporation “*Beef x dairy cattle: advancing beef quality to the next level*”

- 2:00 PM **Dr. Clay Zimmerman**, Balchem Corporation
“*Welcome and introduction*”
- 2:05 PM **Dr. Tara Felix**, Penn State University “*How beef on dairy selection impacts beef and dairy production*”
- 2:50 PM **Dr. Brad Johnson**, Texas Tech University
“*Beef x dairy cattle: advancing beef quality to the next level*”
- 3:35 PM **Dr. Albert DeVries**, University of Florida
“*Beef-on-dairy: economic decisions making on the farm*”
- 4:20 PM **Dr. Tom Overton**, Cornell University
“*Turbocharge your fresh cow diets*”
- 5:05 PM **Dr. Clay Zimmerman**, Balchem Corporation
“*AminoShure-XL: redefining amino acid nutrition*”
- 5:30 PM **Poolside Brazilian Barbeque**

Tuesday, Feb 25, 2025 – Pre-Conference sponsored by Perdue Agribusiness “*Optimal rumen function to drive productivity and animal health*”

- 8:10 AM **Dr. Jonas de Souza**, Perdue Agribusiness
“*Welcome and introduction*”
- 8:20 AM **Dr. Jeff Firkins**, The Ohio State University
“*Diet manipulation to improve nutrient digestibility and microbial protein synthesis*”
- 9:00 AM **Dr. Diwakar Vyas**, University of Florida
“*Improving fiber utilization in dairy cows: technologies available to influence production outcomes*”
- 9:40 AM **Refreshment Break**
- 10:10 AM **Dr. Alex Bach**, ICREA – Spain “*The role of buffers and alkalizers to improve rumen function and animal performance*”
- 10:50 AM **Dr. Lance Baumgard**, Iowa State University
“*Importance of gut health to drive animal performance and health*”
- 11:30 AM **Buffet Lunch**

Tuesday, Feb 25, 2025 – Symposium

- 1:10 PM **Dr. Saqib Mukhtar**, University of Florida
“*IFAS/Animal Sciences update*”

1:20 PM **Dr. Robert Cousins**, University of Florida
“*Mechanism of absorption, transport, and homeostasis of zinc in mammals*”

2:00 PM **Dr. David Fraser**, University of Sydney
“*Mechanisms of Ca absorption in the gastrointestinal tract of ruminants*”

2:40 PM **Dr. Jerry Spears**, North Carolina State University
“*Use of hydroxychloride trace minerals in diets of cattle*”

3:20 PM **Refreshment Break**

3:50 PM **Dr. Jim Drackley**, University of Illinois
“*Nutrient requirements of preweaning calves*”

4:30 PM **Dr. Javier Martín-Tereso**, Trouw Nutrition
“*The untapped opportunity of early life nutrition*”

5:10 PM **Masroor Sagheer**, University of Florida
“*Feeding rumen-protected choline during the peri-conceptual period programs postnatal phenotype of calves*”

5:30 PM **Reception**

Wednesday, Feb 26, 2025 – Symposium

8:10 AM **Dr. Mutian Niu**, ETH Zurich “*Exhaled breath approaches to assess rumen fermentations and metabolic changes in dairy cows*”

8:50 AM **Dr. John Goeser**, Rock River Lab “*New tools to assess and optimize forage quality and diet formulation*”

9:30 AM **Lais de Oliveira Lima**, University of Florida
“*Life cycle assessment and net protein contribution of cow-calf operations in Florida*”

9:50 AM **Refreshment Break**

10:20 AM **Dr. Brad Johnson**, Texas Tech University
“*Early life nutrition and muscle and adipose tissue deposition and feedlot performance*”

11:00 AM **Dr. Tara Felix**, Penn State University “*Beef on dairy: impacts on performance and carcass traits*”

11:40 AM **Ruminant Nutrition Symposium Adjourns**

Meeting Site & Hotel Accommodations

Best Western Gateway Grand Hotel

4200 NW 97th Blvd.
Gainesville, Florida 32606
(Exit 390 off of I-75).

All reservations must be made directly with the hotel in order to get the discounted group rate. Contact the Best Western Gateway Grand Hotel directly at (352) 331-3336 and mention **Ruminant Nutrition Symposium** or group code **UFRNS25** to receive the group's special rate.

Call (352) 331-3336

- **Standard Double Rooms** are available at a rate of **\$112.00 per night plus tax**. All standard rooms have two double beds, microwave and mini-fridge.
- **King Standard Rooms** are available at a rate of **\$112.00 per night plus tax** upon availability. All King Standard Rooms have 1 king size bed and a pullout sofa, a wet bar with a microwave and mini-fridge.
- **Complimentary continental breakfast** will be served in the lobby each morning for all guests.
- **Complimentary high speed wireless internet access** in each guest room.
- **Complimentary Airport Shuttle** - The Best Western Gateway Grand will provide complimentary transportation to and from the Gainesville Regional Airport. Courtesy phones are located near baggage claim in the airport terminal.

Reservations must be made by February 14, 2025, to assure availability and the group rate.



The Florida Ruminant Nutrition Symposium is organized by the Department of Animal Sciences, Institute of Food and Agricultural Sciences, at the University of Florida. The Symposium has received sponsorship from numerous industry leaders. Their contributions were greatly appreciated.

- **Adisseo**
- **Ag Processing Inc.**
- **Alltech**
- **Anpario**
- **Arm & Hammer Animal and Food Production**
- **Balchem**
- **Biomim**
- **Buffalo-Warren**
- **Chr. Hansen**
- **Central Life Sciences**
- **Diamond V**
- **DSM Nutritional Products**
- **Elanco**
- **Feed Components**
- **Feedworks USA Ltd.**
- **Furst McNess Company**
- **INBRA**
- **Milk Specialties Global**
- **Neogen**
- **O2D**
- **Pancosma**
- **Progressive Dairy Solutions**
- **Perdue Agribusiness**
- **Quality Liquid Feeds**
- **Rev Brand Seeds**
- **Selko**
- **Suwannee Valley Feeds**
- **Tech Mix**
- **Trouw Nutrition**
- **Virtus Nutrition**
- **Westway Feed Products LLC**
- **Zinpro Performance Minerals**

If your company is interested in becoming a sponsor of the 2026 Florida Ruminant Nutrition Symposium, please contact:

Dr. José E.P. Santos – Tel: (352) 294-6998 or E-mail: jepsantos@ufl.edu

Matti Moyer - Tel: (352) 392-3889 or E-mail: matti.moyer@ufl.edu

REGISTRATION AND SPONSORSHIP FORM

36th ANNUAL FLORIDA RUMINANT NUTRITION SYMPOSIUM

Feb 24 to 26, 2025

Name of Company (print): _____

(Exactly as you want it to appear in the Symposium proceedings)

We are pleased to serve as a sponsor of the 36th Annual Florida Ruminant Nutrition Symposium scheduled Feb 24 to 26, 2025 at the Best Western Gateway Grand hotel in Gainesville, FL. The sponsorship amounts are \$3,000, \$2,400 or \$2,000 and you can select your option and pay with credit card at: <https://tinyurl.com/RNS-2025-Tickets>

and click on “Select Tickets” icon to select your sponsorship option. Otherwise, you can make a check payable to “University of Florida - Ruminant Nutrition Symposium” and submit with this form to Matti Moyer and mail to Department of Animal Sciences, 2250 Shealy Drive, Gainesville, FL 32611.

When you pay the sponsorship fee with credit card at the preceding website, you are registering for the Symposium. If you decide to pay the sponsorship fee by check, fill out this form, attach the check and return it to us. Please check your choice of sponsorship below. All sponsorships entitle the sponsor to 1 to 4 complimentary registrations, acknowledgment at the Symposium, company name and contact information in the Symposium proceedings, and distribution of company’s promotional materials to conferees. By submitting this form, you are registering for the symposium. **DO NOT REGISTER ON-LINE FOR THE SYMPOSIUM IF YOU SUBMIT THIS FORM WITH PAYMENT.**

- Gold Sponsor - \$3,000** (4 complimentary registrations)
- Silver Sponsor - \$2,400** (2 complimentary registrations)
- Bronze - \$2,000** (1 complimentary registration)
- Registration by February 17 - \$250** (per person attending the event)



Due Date for Sponsors is February 17, 2025:

Please complete this form and return to *Matti Moyer* either by mail (Department of Animal Sciences, 2250 Shealy Drive, University of Florida, Gainesville, FL 32611-0910), Fax (352) 392-3922, or email (matti.moyer@ufl.edu). If you are a sponsor, please submit promotional materials such as pencils, pens, pads, company brochures on products, etc., that will be provided to each registrant. Attendance is estimated to be 250 people. To submit promotional materials, please send them to Matti Moyer at the address above.

Name and Company: _____

(Please Print Name and Company)

Work address: _____

Contact telephone: _____ Email: _____

Assigned name (s) for registration: _____

(Please Print)

For Sponsors, the contact information provided here will appear in the Symposium website