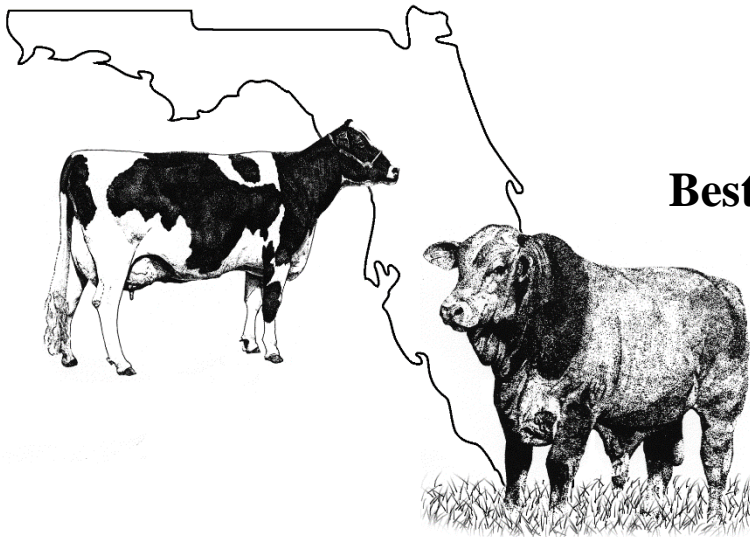


2024 Florida Ruminant Nutrition Symposium



February 26 - 28
Best Western Gateway Grand Hotel
Gainesville, Florida

35th Annual Meeting

UF | IFAS
UNIVERSITY of FLORIDA



**ANIMAL
SCIENCE**

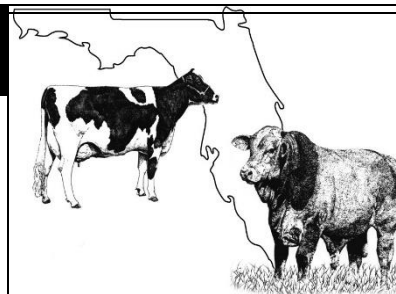
Visit the Symposium website today!

<https://tinyurl.com/FLruminant-nutrition>

Symposium Registration

35th Annual Florida Ruminant Nutrition Symposium

Feb 26 - 28, 2024 • 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 23, 2024) \$220.00

Late & On-site Registration Fee
(After Feb 23, 2024)..... \$250.00

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

FL Ruminant Nutrition Symposium website at:

<https://tinyurl.com/FLruminant-nutrition>

Registration via Eventbrite at: <http://tinyurl.com/RNS2024-tickets>

If mailing a check (payable to University of Florida/Ruminant Nutrition Symposium, U.S. dollars and drawn on U.S. banks), then contact Savannah Linzmaier slinzmaier@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 cancellation request to jepsantos@ufl.edu or through Eventbrite. A \$30.00 processing fee will be deducted from all refunds.

Visit and Bookmark the Symposium Website for Details

- **Registration – Early Registration Fee Deadline is Feb 23, 2024**
- **Program Speakers, Updates & Announcements**
- **Accommodations & Meeting Site**
- **Sponsors & Supporters**
- <https://tinyurl.com/FLruminant-nutrition>
- **ARPAS CE credits:** 12 CE credits are approved by ARPAS.

Questions?

Conference Information

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

Conference Information

Savannah Linzmaier
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University of Florida/IFAS
PO Box 110910
Gainesville, FL 32611-0910
TEL: (352) 392-2455 • FAX: (352) 392-1931
E-MAIL: slinzmaier@ufl.edu

Symposium Program

Monday, Feb 26, 2024 - Mini-Symposium sponsored by Balchem Corporation “*New Revelations in Amino Acid Nutrition*”

- 2:00 PM **Dr. Clay Zimmerman**, Balchem Corporation. *Welcome and introduction.*
- 2:10 PM **Dr. José Santos**, University of Florida. “*Protein and amino acids for transition cows*”
- 2:50 PM **Dr. Mark Hanigan**, Virginia Tech University. “*Understanding amino acid bioavailability*”
- 3:30 PM **Refreshment Break**
- 4:00 PM **Dr. Alexander Hristov**, Pennsylvania State University. “*Histidine – a limiting amino acid for dairy cows*”
- 4:40 PM **Dr. Andrew Lapierre**, Cornell University. “*Improving energetic vs. nitrogen efficiency when formulating for amino acids – updating a paradigm*”
- 5:30 PM **Poolside Brazilian Barbeque**

Tuesday, Feb 27, 2024 – University of Florida research showcase

- 8:00 AM **Dr. John Arthington**, University of Florida. *Welcome*
- 8:10 AM **Dr. Corwin Nelson**, University of Florida. “*Prevention of hypocalcemia and associations with health and production*”
- 8:50 AM **Dr. Fernanda Batistel**, University of Florida. “*Uncovering the effect of immunoglobulin A on the rumen microbial ecosystem*”
- 9:30 AM **Refreshment Break**
- 10:00 AM **Izabella Toledo**, University of Florida. “*Impact of heat stress on behavior of dairy cows*”
- 10:40 AM **Cecília Rocha**, University of Florida. “*What a multibreed herd taught us about the influence of B. indicus genetics on dam reproduction and calf weaning weight*”
- 11:00 AM **Mariana N. Marinho**, University of Florida. “*Feed saved, a novel trait for selection in dairy cattle*”
- 11:30 AM **Buffet Lunch**

Tuesday, Feb 27, 2024 – Symposium

- 1:10 PM **Dr. Adegbola Adesogan**, University of Florida. “*Importance of animal products in the human diet: the experience of working in developing communities to improve livestock production*”
- 2:00 PM **Dr. Terry Engle**, Colorado State University. “*Effects of trace mineral supplementation on fiber digestion and cow-calf production*”
- 2:50 PM **Refreshment Break**
- 3:20 PM **Dr. Ralph Ward**, Cumberland Valley Analytical Services. “*Obtaining value from a feed/forage lab engagement*”
- 4:00 PM **Dr. Sebastian Arriola**, University of Wisconsin Madison. “*Control of milk protein synthesis by supply of amino acids in dairy cows*”
- 4:50 PM **Jonas de Souza**, Perdue Agribusiness. “*Impact of supplementing fatty acids on performance and digestibility in dairy cows*”
- 5:30 PM **Welcome Reception**

Wednesday, Feb 28, 2024 – Symposium

- 8:10 AM **Dr. Nicolas DiLorenzo**, University of Florida. “*Reducing the carbon footprint of beef production: current alternatives to mitigate enteric methane emissions*”
- 9:00 AM **Dr. Fábio Lima**, University of California Davis. “*The rumen microbiome and links with the genome and production in dairy cows*”
- 9:40 AM **Refreshment Break**
- 10:10 AM **Dr. Pedro Fontes**, University of Georgia. “*Management and nutrition of beef bulls and impacts on fertility*”
- 10:50 AM **Dr. Philippe Moriel**, University of Florida. “*Nutritional management to optimize cow-calf production in the Southeast*”
- 11:30 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*** to receive the group's special rate.

Call (352) 331-3336

- **Standard Double Rooms** are available at a rate of **\$109.00 per night plus tax**. All standard rooms have two double beds, microwave and mini-fridge.
- **King Standard Rooms** are available at a rate of **\$109.00 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 6, 2024, 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**
- **Biomin**
- **Buffalo-Warren**
- **Central Life Sciences**
- **Diamond V**
- **DSM Nutritional Products**
- **Elanco**
- **Feed Components**
- **Feedworks USA Ltd.**
- **Furst McNess Company**
- **Micronutrients**
- **Milk Specialties Global**
- **Neogen**
- **O2D**
- **Pancosma**
- **Progressive Dairy Solutions**
- **Quality Liquid Feeds**
- **Rev Brand Seeds**
- **Suwannee Valley Feeds**
- **Tech Mix**
- **Virtus Nutrition**
- **Westway Feed Products LLC**
- **Zinpro Performance Minerals**

If your company is interested in becoming a sponsor of the 2025 Florida Ruminant Nutrition Symposium, please contact:

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

Savannah Linzmaier - Tel: (352) 392-2455 or E-mail: slinzmaier@ufl.edu

REGISTRATION AND SPONSORSHIP FORM

35th ANNUAL FLORIDA RUMINANT NUTRITION SYMPOSIUM

Feb 26 to 28, 2024

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 34th Annual Florida Ruminant Nutrition Symposium scheduled Feb 26 to 28, 2024 at the Best Western Gateway Grand hotel in Gainesville, FL. The sponsorship amounts are \$2,200, \$1,800 or \$1,500, with the check payable to 'University of Florida - Ruminant Nutrition Symposium'. For your convenience you can charge the sponsorship fee to your credit card at the following website: <http://tinyurl.com/RNS2024-tickets>

and click on "Get Tickets" icon to select your sponsorship option.

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 ONLINE FOR THE SYMPOSIUM IF YOU SUBMIT THIS FORM WITH PAYMENT.**

- Gold Sponsor - \$2,200** (4 complimentary registrations)
- Silver Sponsor - \$1,800** (2 complimentary registrations)
- Bronze - \$1,500** (1 complimentary registration)
- Registration by Feb. 23 - \$220** (per person attending the event)

Due Date is February 23, 2024:

Please complete this form and return to *Savannah Linzmaier* either by mail (Department of Animal Sciences, 2250 Shealy Drive, University of Florida, Gainesville, FL 32611-0910), Fax (352) 294-2036, or email (slinzmaier@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 Savannah Linzmaier at the address above.

Name and Company: _____
(Please Print Name and Company)

Address: _____

Telephone: _____ Email: _____

Assigned name (s) for registration: _____
(Please Print)

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