

2019 Florida Ruminant Nutrition Symposium

February 4 - 6, 2019
Best Western Gateway Grand
Gainesville, Florida



30th Annual Meeting

UF UNIVERSITY of
FLORIDA
IFAS

Department of Animal Sciences

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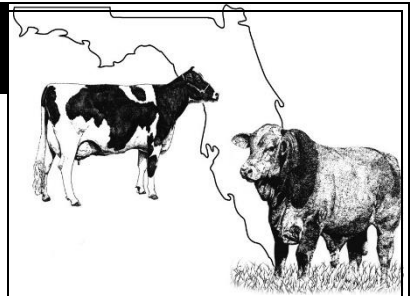
Department of Animal Sciences
"Red" Larson Dairy Science Building
2250 Shealy Drive
PO Box 110910
University of Florida
Gainesville, FL 32611-0910

Visit the symposium website today!
<http://dairy.ifas.ufl.edu/rns/info.shtml>

Symposium Registration

30th Annual Florida Ruminant Nutrition Symposium

February 4 - 6, 2019 • Best Western Gateway
Grand Gainesville, FL



Registration Information

The registration fee includes continental breakfasts, Monday's reception, Tuesday's buffet hot and cold luncheon, refreshment breaks, Tuesday night's reception, and one copy of the symposium proceedings containing the written presentations of the speakers.

Early Reduced Registration Fee
(On or before January 18, 2019) **\$170.00**

Regular & On-site Registration Fee
(After January 18, 2019)..... **\$200.00**

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

<http://dairy.ifas.ufl.edu/rns/info.shtml>

or

<http://bit.ly/2019FLRNS>

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

Visit and Bookmark the Symposium Web Site for Details

- **Registration – Early Registration Fee Deadline is January 18, 2019**
- **Program Speakers, Updates & Announcements**
- **Accommodations & Meeting Site**
- **Sponsors & Supporters**
- <http://dairy.ifas.ufl.edu/rns/info.shtml>
- **ARPAS CE credits:** the following CE credits are approved by ARPAS: Balchem Mini-Symposium, 2 credits; DSM Nutritional Products Pre-Conference, 4 credits; Florida Ruminant Nutrition Symposium, 7 credits.

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
PHONE: 352-294-6998 • FAX: 352-392-1931
EMAIL: jepsantos@ufl.edu

Conference Information

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PHONE: 352-294-6999 • FAX: 352-392-1931
EMAIL: dsykes@ufl.edu

Symposium Program

Monday, February 4, 2019 - Mini-Symposium sponsored by Balchem Corporation “*New insights into improved calf performance*”

- 2:00 PM **Dr. Glen Aines**, Balchem Corporation. *Welcome and introductions*
- 2:05 PM **Dr. Bob James**, Down Home Heifer Solutions. “*What are the industry standards for calf performance?*”
- 2:45 PM **Dr. Mike Van Amburgh**, Cornell University. “*Successfully developing a high performing heifer calf*”
- 3:30 PM Refreshment Break
- 3:45 PM **Dr. Charlie Staples**, University of Florida. “*Does prenatal choline supplementation play a role in calf performance?*”
- 4:30 PM **Bob Hostetler**, ST Genetics. “*Achieving high calf performance on the farm*”
- 5:15 PM **Dr. Glen Aines**. *Summary and wrap-up*
- 5:30 PM Poolside barbeque

Tuesday, February 5, 2019 - Pre-Conference Sponsored by DSM Nutritional Products “*Lifetime Performance and Redox Balance Issues in Ruminants*”

- 8:15 AM **Dr. Mark Engstrom**, DSM Nutritional Products. *Welcome and introductions*
- 8:30 AM **Dr. Corwin Nelson**, University of Florida. “*Vitamin supplementation for brood cows in Florida*”
- 9:20 AM **Michael Poindexter**, University of Florida. “*Effect of dietary 25-OH-D₃ on performance and activation of the immune system in dairy cattle*”
- 10:10 AM Refreshment Break
- 10:40 AM **Dr. Lorraine Sordillo**, Michigan State University. “*Redox measures in dairy cows: implications to postpartum health*”
- 11:55 AM Buffet Lunch

Tuesday, February 5, 2019

- 1:00 PM **Dr. José Santos**, University of Florida. *Welcome*
- 1:05 PM **Dr. Nick Place**, University of Florida. IFAS update
- 1:10 PM **Dr. Hugh Chester-Jones**, University of Minnesota. “*Calf nutrition and first lactation performance*”

- 1:50 PM **Dr. Gregory Penner**, University of Saskatchewan. “*Short chain fatty acids absorption and metabolism*”
- 2:30 PM **Dr. Rick Grant**, William H. Miner Agricultural Research Institute. “*Feeding management: dietary characteristics, feeding environment, and dairy cow feeding behavior*”
- 3:10 PM Refreshment Break
- 3:40 PM **Dr. João Vendramini**, University of Florida. “*Monensin effects on beef cattle consuming warm-season perennial grasses*”
- 4:20 PM **Dr. Reinaldo Cooke**, Texas A&M University. “*Nutritional and management considerations to minimize stress and optimize production efficiency in cow-calf systems*”
- 5:00 PM Welcome reception

Wednesday, February 6, 2019

- 6:30 AM Continental Breakfast
- 8:00 AM **Dr. David Barbano**, Cornell University. “*The use of milk fatty acids as an indication of energy balance in dairy cows*”
- 8:40 AM **Dr. G. Andres Contreras**, Michigan State University. “*Lipid mobilization and inflammation during the transition period*”
- 9:20 AM **Dr. Eduardo Ribeiro**, University of Guelph. “*Role of fatty acids on reproduction in dairy cattle*”
- 10:00 AM Refreshment Break
- 10:30 AM **Dr. Adegbola Adesogan**, University of Florida. “*Technologies for improving fiber utilization by ruminants*”
- 11:10 AM **Dr. T.G. Nagaraja**, Kansas State University. “*A microbiologist’s view on improving nutrient utilization in ruminants*”
- 11:50 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 directly at (352) 331-3336 and mention the Ruminant Nutrition Symposium 2019 room block. Be sure to specify you are attending the *Ruminant Nutrition Symposium*.

- **Standard Double Rooms** are available at a rate of **\$99.00 per night plus 11% tax**. All standard rooms have two double beds, microwave and mini-fridge.
- **King Standard Rooms** are available at a rate of **\$95.00 per night plus 11% 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 January 14, 2019 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 2018 symposium was graciously sponsored by 24 industry leaders. Their contributions were greatly appreciated, and certainly enhanced the program.

- **Ajinomoto Heartland Inc.**
- **Alltech**
- **Anpario**
- **Arm & Hammer Animal Nutrition**
- **Balchem Animal Health and Nutrition**
- **Biomin**
- **Central Life Sciences**
- **Diamond V Mills Inc.**
- **Elanco**
- **Feed Components**
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- **Micron Biosystems**
- **Milk Specialties Global**
- **Mycogen Seeds/Dow AgroSciences**
- **Origination O2D**
- **Phibro Animal Health Corporation**
- **Progressive Dairy Solutions**
- **Purina Animal Nutrition LLC**
- **Quality Liquid Feeds**
- **Suwannee Valley Feeds LLC**
- **Virtus Nutrition**
- **Westway Feed Products LLC**
- **Zinpro Performance Minerals**

If your company is interested in becoming a sponsor of the 2019 Florida Ruminant Nutrition Symposium, please contact:

Dr. José E.P. Santos - Phone: 352-294-6998 or
Email: jepsantos@ufl.edu

Debra Nagy - Phone: 352-294-6999 or
Email: dnykes@ufl.edu

REGISTRATION AND SPONSORSHIP FORM

30th ANNUAL FLORIDA RUMINANT NUTRITION SYMPOSIUM

February 4 to 6, 2019

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 30th Annual Florida Ruminant Nutrition Symposium scheduled February 4 to 6 2019 at the Best Western Gateway Grand in Gainesville, FL. The sponsorship amounts are \$1,500, \$1,000 or \$700, 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://dairy.ifas.ufl.edu/rns/info.shtml>

or directly at

<http://bit.ly/2019FLRNS>

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 3 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.**

- Lunch Sponsor - \$1,500** (3 complimentary registrations)
- Break Sponsor - \$1,000** (2 complimentary registrations)
- Regular Sponsor - \$700** (1 complimentary registration)
- Registration - \$170**

Due Date is January 18, 2019:

Please complete this form and return to Debra Nagy either by mail (Department of Animal Sciences, 2250 Shealy Drive, University of Florida, Gainesville, FL 32611-0910), Fax (352) 294-2036, or email (dsykes@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 at 250 people. To submit promotional materials, send to Debra Nagy at the address above.

Name: _____
(Please Print)

Address: _____

Telephone: _____ Email: _____

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

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