



an annual celebration of research in reproductive sciences

RMRSS

2014 ROCKY MOUNTAIN **REPRODUCTIVE SCIENCES** SYMPOSIUM

Friday, May 2, 2014

Lory Student Center Theater
Colorado State University, Fort Collins, Colorado

HOSTED BY

Colorado State University

COLLEGE OF VETERINARY MEDICINE
AND BIOMEDICAL SCIENCES

Animal Reproduction & Biotechnology Laboratory



2014 Symposium Theme

Male Reproductive Physiology & Pathology

Featured Keynote Lectures



David Zarkower, Ph.D.

*Director, Developmental Biology Center
University of Minnesota*

“A fragile truce: how sexual fates are established and maintained in the mammalian gonad”



Rao Veeramachaneni, BVSc, MScVet, Ph.D.

*Professor, Department of Biomedical Sciences
Colorado State University*

“In search of a link between dwindling male and endocrine-disrupting chemicals”

Registration Information

Abstract submission information and registration are on pages 5-6.

Registration Deadline: April 18, 2014 - Abstract Submission Deadline: April 4, 2014

For further information contact: Thomas.Hansen@colostate.edu



About the Symposium

The annual Rocky Mountain Reproductive Sciences Symposium (RMRSS) will be held on May 2, 2014, from 8:30 AM to 6 PM at the Lory Student Center Theater, Colorado State University, Fort Collins, CO.

The intent of this symposium is to foster regional interests in the various aspects of reproductive sciences and to provide a forum for interaction and exchange of ideas and interests. Each year there are two Keynote Lectures focused on a selected topic in reproductive sciences. One Keynote Lecture will focus on the clinical aspects of the topic, while the other will focus on the basic science aspects. This approach was implemented to provide a “Bench to Bedside” thematic focus, with the aim of fostering interaction between basic scientists, physician-scientists and clinicians.

The symposium starts at 8:30 AM with introductory remarks, followed by trainee platform presentations, keynote lectures, and poster presentations in the morning and afternoon. Lunch will be provided on site at the CSU Lory Student Center. The theme for the 2014 RMRSS is: “Male Reproductive Physiology and Pathology”.

Accordingly, we are honored that Drs. David Zarkower and Rao Veeramachaneni have agreed to present this year’s Keynote Lectures.

Dr. Zarkower is Professor and Director of the Developmental Biology Center at the University of Minnesota, and has extensive experience in mechanisms underlying the development and differentiation of vertebrate testes, and the role of transcription factor DMRT1 in testicular cell reprogramming.

Dr. Veeramachaneni is a Professor in the Department of Biomedical Sciences, and is a member of the Animal Reproduction & Biotechnology Laboratory at Colorado State University. His interest is the etiology and pathology of male infertility. The combination of these two Keynote Lectures will provide considerable insight and “food for thought” for anyone with interests in reproductive, developmental and clinical sciences.

The day will conclude with an informal reception (including a cash bar and food beginning at 4:30 PM).

For further information please contact one of the following members of the 2014 RMRSS Program Committee: Dr. Thomas (Tod) Hansen (Thomas.Hansen@colostate.edu), Quinton Winger (Quinton.Winger@colostate.edu), Jerry Bouma (Gerrit.Bouma@colostate.edu), Jason Bruemmer (Jason.Bruemmer@colostate.edu), Andy Bradford (Andy.Bradford@ucdenver.edu), Brenda Alexander (BAlex@uwyo.edu), or Patrick Burns (Patrick.Burns@unco.edu).



Friday, Friday, May 2, 2014

Location: Lory Student Center Theater, Colorado State University

Schedule of Events

- 8:30** **Opening Remarks – Thomas Hansen, Ph.D.**, *Director, Animal Reproduction and Biotechnology Laboratory, Colorado State University*
- 8:45** **Trainee Oral Platform Presentations I**
(15 min/presentation)
- 10:00** **Poster Session I (even numbers)**
- 11:15** **Keynote Lecture: David Zarkower, Ph.D.**, *Director of the Developmental Biology Center, University of Minnesota*
A fragile truce: how sexual fates are established and maintained in the mammalian gonad
- 12:15** **Catered Lunch**
- 1:30** **Keynote Lecture: Rao Veeramachaneni, BVSc, MScVet, Ph.D.**, *Professor, Department of Biomedical Sciences, Colorado State University*
In search of a link between dwindling male and endocrine-disrupting chemicals
- 2:30** **Trainee Oral Platform Presentations II**
(15 min/presentation)
- 3:45** **Poster Session II (odd numbers)**
- 4:45** **Awards & Closing**
- 5:00** **Reception**



Abstract Submission

All attendees (Faculty, Trainees, Clinicians, Research Associates, etc.) are encouraged to submit abstracts for presentation at the 2014 RMRSS. The top eight trainee abstracts will be selected for oral presentations (10 min/presentation; 5 min questions), and the best trainee oral presentation will win an award! All other abstracts will be presented as posters. You will be notified if your abstract has been selected for oral presentation.

Abstract Submission Deadline: April 4, 2014

Submission Instructions

- Abstract should include: Title, Authors Full Names, Affiliation, and Degree(s)
- Please include a statement, if appropriate, that you want to be considered for the best trainee platform presentation
- Abstract Body and 3-5 Keywords
- Use Arial 12 point Font, Title in Bold, Authors Names and Affiliation in Italics
- All abstracts are limited to one page (8.5 x 11 in.) 1 inch margins (top/bottom and left/right), justify left and right margins
- Please follow Biology of Reproduction formatting to retain consistency in format from abstract to abstract in the program. See: <http://www.biolreprod.org>
- Keywords will be used to organize the poster session

Submit abstracts as a Word.doc file to brenda.martin@colostate.edu.

Poster Preparation

Posters should be no more than **3 ft (wide) x 4 ft (height)**
Pins to mount your poster to the wall will be provided



REGISTRATION DEADLINE: April 18, 2014

Registration Form - 2014 Rocky Mountain Reproductive Sciences Symposium

Name: _____

Institution: _____

Department: _____

Email: _____

Telephone: _____

Seating capacity is limited to 100 people. If more people register, we will accommodate the first 100 registrants. Accordingly, please do not count on registering on-site the day of the symposium.

Total number of people in group _____

Number of non-students* registered _____ X \$25/non-student

*Registration is free for graduate, DVM, MD, resident, intern and postdoctoral students, however **please include the names and email addresses of all attendees for badges and lunch.**

Names and emails of each individual (include separate page if necessary) in group _____

Will you be attending free post-symposium reception? Yes No

Form of Payment:

____ Enclosed check (payable to: Colorado State University)

____ Pre-registraton by credit card (Visa or Mastercard):

Name on Credit Card: _____

Credit Card Number: _____

Three Digit Verification Numer: _____

Credit Card Expiration Date: _____

Send registration to: Brenda Martin. ARBL Foothills Campus, Campus Delivery 1683. Colorado State University. Fort Collins, CO 80523-1683. Telephone: 970-491-5621. Email: brenda.martin@colostate.edu



Travel Information and Accommodations

Accommodations Near the CSU Campus

Armstrong Hotel
259 S College Ave, Fort Collins, CO
(970) 484-3883
www.thearmstronghotel.com

The Edwards House Bed and Breakfast
402 W Mountain Ave, Fort Collins, CO
(970) 493-9191
www.edwardshouse.com

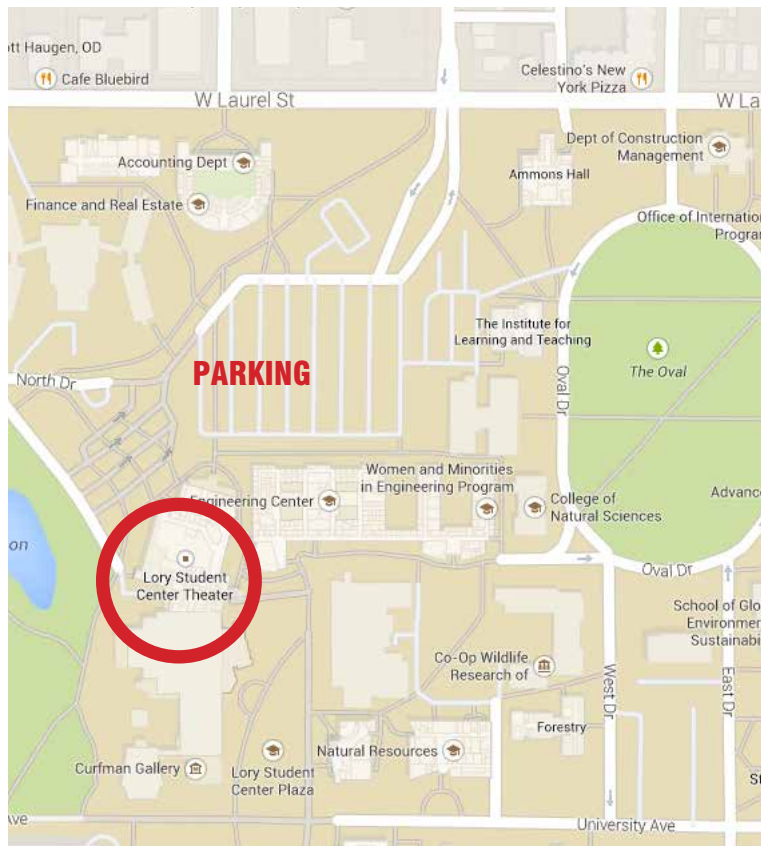
Best Western University Inn
914 S College Ave, Fort Collins, CO
(970) 484-2984
www.book.bestwestern.com

Hilton Fort Collins
425 W Prospect Rd, Fort Collins, CO
(970) 482-2626
www.hilton.com

Additional Travel Resources

Colorado Road Conditions
<http://www.cotrip.org>

About Fort Collins
<http://www.visitfortcollins.com>

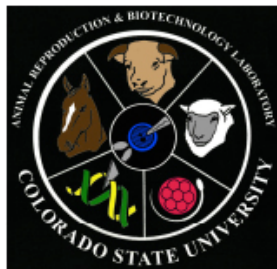


Colorado State University campus and parking maps can be found at <http://maps.colostate.edu>.



2014 RMRSS Sponsors

The organizing committee would like to thank the following sponsors of the 2014 Rocky Mountain Reproductive Sciences Symposium:



Animal Reproduction & Biotechnology Laboratory

Colorado State University
<http://arbl.colostate.edu>

The Animal Reproduction and Biotechnology Laboratory is an interdepartmental program focusing on research, teaching and service in the area of reproductive biology of domestic animals. Faculty of the ARBL include members of three departments in two colleges. The ARBL has been recognized as a Colorado State University Program of Research and Scholarly Excellence since 1989.



Department of Biomedical Sciences

Colorado State University
<http://csu-cvmbms.colostate.edu/academics/bms>

The Department of Biomedical Sciences in the College of Veterinary Medicine & Biomedical Sciences is a major locus for biomedical education from undergraduate through postdoctorate and for translational biomedical research for Colorado State University. BMS houses more than 30 specialty laboratories. Faculty members' interests run the gamut from reproductive biology and endocrinology to neurotransmitters and molecular signal transduction.

Interested in becoming a sponsor of the 2014 Rocky Mountain Reproductive Sciences Symposium?

Contact Dr. Thomas (Tod) Hansen at Thomas.Hansen@colostate.edu.