



# ISABR 2012

## IV International Symposium on Animal Biology of Reproduction

### Focus: Environment and Reproduction

October 17<sup>th</sup>-20<sup>th</sup>, 2012

Hotel Fazenda Solar das Andorinhas, Campinas, São Paulo, Brazil

## Scientific Program

### October 17, 2012 - Wednesday

14:00 to 18:00: **Welcome desk open**

19:00 to 20:00: **Opening ceremony. Keynote lecture and tribute to:**  
**Dr. Gary J. Killian** (USDA and The Pennsylvania State University, USA)  
*Lecture: Fertility-associated proteins in male and female reproductive fluids*

### October 18, 2012 - Thursday

08:00 to 18:00: **Welcome desk open**

08:30 to 09:15

**Dr. Louis L. Guillete** (Medical University of South Carolina & Howard Hughes Medical Institute, USA)  
*Lecture: Endocrine disrupting contaminants & the developing reproductive system: the wildlife to human connection*

#### ❖ Session I: Female

09:15 to 10:00

**Dr. Eduardo L. Gastal** (Southern Illinois University, USA)  
*Lecture: Equine preantral follicles: ultrasound-guided biopsy pick-up method to harvest ovarian tissue and in vitro processing, evaluation and culture*

10:00 to 10:30: **Coffee break**

10:30 to 11:15

**Dr. Mario Binelli** (University of São Paulo, Brazil)  
*Lecture: Probing the uterine microenvironment through Systems Biology approaches*

11:15 to 12:00

**Dr. Keith J. Betteridge** (University of Guelph, Canada)  
*Lecture: Equine embryos: their power and their glory*

12:00 to 14:00 - **Lunch break**

#### ❖ Session II: Male

14:00 to 14:45

**Dr. Cathryn Hogarth** (Washington State University, USA)  
*Lecture: Synchronizing spermatogenesis using WIN 18,446*

14:45 to 15:30: **The Lonnie Russell Lecture**

**Dr. Rex Hess** (University of Illinois, USA)  
*Lecture: Morphology shines a bright light on mechanisms of testicular toxicity: a tribute to Lonnie Russell*

15:30 to 16:00: **Coffee break**

16:00 to 17:00: **Oral presentations - Session I (Papers 1-4)**

17:00 to 18:40: **Poster Session I**

### October 19, 2012 - Friday

08:00 to 18:00 - **Welcome desk open**



❖ **Session III: Male**

08:30 to 09:15

**Dr. Maria Christina W. de Avellar** (Federal University of São Paulo, Brazil)

*Lecture: Unraveling beta-defensins expression in the epididymis: are their roles beyond host defense*

09:15 to 10:00

**Dr. Hernandes F. Carvalho** (State University of Campinas, Brazil)

*Lecture: Searching the killer: new words in the prostate epithelium-stroma communication*

10:00 to 10:30: **Coffee break**

10:30 to 11:15: **Oral presentations - Session II (Papers 5-8)**

11:15 to 12:00: **Frontiers in Reproduction**

**Dr. David Carrell** (University of Utah, USA)

*Lecture: Advances in the studies in gene expression – from DNA microarrays to RNAi*

12:00 to 14:00 - **Lunch break**

❖ **Session IV: Female**

14:00 to 14:45: **The Outstanding Latin American Lecture.**

**Dr. Daniel F. Salamone** (University of Buenos Aires, Argentina)

*Lecture:*

14:45 to 15:30: **Dr. Jo Leroy** (University of Antwerp, Belgium)

*Lecture: Maternal environment and oocyte and embryo quality*

15:30 to 16:00: **Coffee break**

16:00 to 17:00: **Dr. Kimberly Vonnahme** (North Dakota State University, USA)

*Lecture:*

17:00 to 18:40: **Poster Session II**

**October 20, 2012 - Saturday**

08:00 to 12:00 - **Welcome desk open**

❖ **Session V: Macro topics**

08:30 to 09:15

**Dr. Luiz Renato de França** (Federal University of Minas Gerais, Brazil)

*Lecture: Spermatogonial stem cells physiology, niche and transplantation in fish*

09:15 to 10:00

**Dr. Budhan Pukazhenti** (Smithsonian Conservation Biology Institute, USA)

*Lecture: Integrating Science and Animal Management in Conservation of Endangered Species*

10:00 to 10:30: **Coffee break**

10:30 to 11:15:

**Dr. Puttaswamy Manjunath** (University of Montreal, Canada)

*Lecture: New insights into the understanding of the mechanism of sperm protection by seminal plasma proteins and extender components*

11:15 to 12:00

**Dr. Niels E. Skakkebaek** (University Department of Growth & Reproduction, Copenhagen, Dinamarca)

*Lecture: Adverse trends in male reproductive health problems and decreasing fertility rates*

12:00 to 12:30: **Closing Ceremony**

**CONFERENCE LANGUAGE: ENGLISH**

**ORGANIZATION**

**Brazilian College of Animal Reproduction (CBRA)**

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