



Scientific Program

November 6, 2018 – Tuesday

14:00 to 17:00: Welcome desk open at Convention Center

17:00 to 20:40: Sunset Opening ceremony. Keynote lecture and tribute to:
Dr. Anthony M. Carter (Docent, emeritus, University of Southern Denmark, Denmark)
Lecture 1: Bovine placentation evolution

18:30 to 19:30: Open Ceremony and Keynote lecture

19:30 to 20:40: Let's party with Science

November 7, 2018 - Wednesday

13:00 to 20:15: Welcome desk open

- **Session I: Stem Cells and Applications**

13:00 to 13:50

Dr. Tiziana A.L. Brevini (University of Milan, Department of Health, Animal Science and Food Safety, Italy)

Lecture 2: Adding a dimension to cell fate

13:50 to 14:40

Dr. Carlos Eduardo Ambrosio (University of São Paulo, Faculty of Animal Science and Food Engineering, Brazil)

Lecture 3: Canine amniotic stem cells and potential application

14:40 to 15:30

Dr. Juliano da Silveira (University of São Paulo, Brazil)

Lecture 4: Extracellular vesicles and its advances in female reproduction

15:30 to 16:00 Coffee break

- **Session II: Ovary evolution and biobanking**

16:00 to 16:50

Dr. Christiani Andrade Amorim (Université Catholique de Louvain, Belgium)

Lecture 5: Current advances in the development of a transplantable artificial ovary



16:50 to 17:40

Dr. Fulvio Gandolphi (University of Milan, Department of Health, Animal Science and Food Safety, Italy)

Lecture 6: Advances in ovary genes

17:40 to 18:30

Dr. Pierre Comizzoli (Smithsonian Conservation Biology Institute, USA)

Lecture 7: Integrating cryobiology and biobanking into the conservation of rare and endangered species

18:30 to 19:20

Dr. Yeda Watanabe (WTA Company, Brazil)

Lecture 8: Biobanking and cryobiology. An overview of a Brazilian company on this issue

19:20 to 20:10

Dr. Robert Hermes (Department of Reproduction Management, Leibniz Institute for Zoo and Wildlife Research, Berlin, Germany)

Lecture 9: Preserving gametes from wild species as elephants and rhinos

November 8, 2018 - Thursday

8:00 to 19:30: Welcome desk open

8:00 to 10:00

Breakfast with science and choose your researcher to discuss new features in your career.

- **Session III: Macro Topics**

10:00 to 10:45

Dr. José Ricardo Figueiredo (UECE, Fortaleza, Brazil)

Lecture 10: Advances in in vitro folliculogenesis in ruminants

10:45 to 11:00: ICAR 2020 Presentation

Dr. Diego Bucci (University of Bologna, Italy)

Lecture 11: Official invitation to ICAR 2020

11:00 to 11:45

Dr. Fernanda Radicchi Campos Lobato de Almeida(ICB, UFMG, Brazil)

Lecture 12: Intrauterine growth restriction: screening and diagnosis using animal models

- **Session IV: Gametes evolution**

14:00 to 14:45

Dr. Felipe Perecin (University of São Paulo, Faculty of Animal Science and Food Engineering, Brazil)

Lecture 13: Germline and somatic cells interactions during folliculogenesis and oocyte maturation

14:45 to 15:30

Dr. Diego Bucci (Dipartimento di Scienze MedicheVeterinarie - University of Bologna, Bologna, Italy)

Lecture 14: Different approaches for assessing sperm function

15:30 to 16:00: Coffee break



16:00 to 17:20 - Oral presentations - Session I (Papers related abstract: 1-5)

16:00 to 16:15 - **Sandra Fiala Rechsteiner** (HISTOREP, Institute of Biology, UFPel, Pelotas, RS, Brazil)
Influence of cortisol and leptin in the follicular fluid on leptin markers in the endometrium

16:15 to 16:30 - **Ludimila Cardoso Zoccal Janini** (Course of Veterinary Medicine - UniSALESIANO Araçatuba, SP, Brazil)
Evaluation of the zebu cow pregnancy rate with the use of estrus detection device

16:30 to 16:45 - **Juneo Freitas Silva** (Department of Biological Sciences, UESC, Ilhéus, BA, Brazil)
Role of Estradiol in Prolactin-induced suppression of Luteinizing Hormone pulsatile secretion

16:45 to 17:00 - **Jair Camargo Ferreira** (School of Veterinary Medicine and Animal Science, UNESP, Botucatu, SP, Brazil)
Luteal function and embryo mobility in mares with distinct ages and degrees of endometrial degeneration

17:00 to 17:15 - **Gustavo Ferrer Carneiro** (UFRPE-UAG, Garanhuns, PE, Brazil)
Intrauterine infusion of Ozone in susceptible mare

17:20 to 19:30 - **Poster Session** (Prize for better presentation by company and invitation to publish in Animal Reproduction)

November 9, 2018 - Friday

09:00 to 19:00: Welcome desk open

• **Session V: Male Gametes**

09:00 to 09:45

Dr. Ricardo Felmer (Faculty of Agriculture and Forestry Sciences, Laboratory of Reproduction, Department of Agricultural Sciences and Natural Resources, Centre of Reproductive Biotechnology (CEBIOR-BIOREN), Universidad de La Frontera, Temuco, Chile)
Lecture 15: Sperm head and ICSI in bovine

09:45 to 10:30 - The Lonnie Russell Lecture

Dr. Luiz Renato de França (ICB/UFMG-IMPA, Brazil)
Lecture 16: The Sertoli cell: what can we learn from different vertebrate experimental models

10:30 to 11:30 - The Outstanding Latin American Lecture

Dr. Daniel Salamone (Laboratório de Biotecnologia Animal, Facultad de Agronomía, Universidad de Buenos Aires - CONICET, Buenos Aires, Argentina)
Lecture 17: Intracytoplasmic injection in animals

12:00 to 14:00 - Lunch break



- **Session VI: Uterine Environment and Technologies**

14:10 to 15:00

Dr. Natalia Juliana Nardelli Gonçalves (RDO Diagnósticos médicos LAB, Brazil)

Lecture 18: Platelet-rich plasma (PRP) therapy: The approach in reproductive medicine based on successful animal models

15:00 to 16:15 - Oral presentations - Session II (Papers related abstract: 6-10)

15:00 to 15:15 - **Priscila Di Paula Bessa Santana** (Laboratory of *in vitro* fertilization, Institute of Biological Science, Federal University of Para (UFPA), Belem, PA, Brazil)

Morphometry, cell quantification and immunolocalization of AMH in bovine testis fetuses

15:15 to 15:30 - **Jorge Farías** (Department of Chemical Engineering, Universidad de La Frontera, Temuco, Chile)

PKA and AMPK activities and relation with motility in cryopreserved spermatozoa of Atlantic salmon

15:30 to 15:45 - **Gabriel Regis Guerrieri Esperidião** (Laboratory of Animal Reproduction (LARA), Federal University of Alagoas, Viçosa, AL, Brazil)

Intrafollicular oocyte transfer (IFOT) in ewes – initial study

15:45 to 16:00 - **Bruna Fabro dos Santos** (São Paulo State University (UNESP), School of Veterinary Medicine and Animal Science, Botucatu, Brazil)

Superoxide anion formation, high mitochondrial potential and the membrane integrity of stallion spermatozoa from phar-macologically-induced ejaculation

16:00 to 16:15 - **Cindy Maenhoudt** (UMES-Centre d'Etudes en Reproduction des Carnivores (CERCA), Ecole Nationale Vétérinaire d'Alfort, Maisons-Alfort, France)

Canine fetal sexing: possibilities and limitations

16:15 to 16:30 - To be chosen from best abstracts submitted to ISABR 2018

16:30 to 17:00 - Coffee break

17:00 to 18:20 - **Poster Session** (Prize for better presentation by company and invitation to publish in *Animal Reproduction*)

18:20 to 18:35 - To be chosen from best abstracts submitted to ISABR 2018

Closing Ceremony awards and Round table in reproduction features