



II International Symposium on Animal Biology of Reproduction (ISABR 2008)

Focus on the Ovary: Folliculogenesis, Ovulation, and Luteolysis

Nov. 19-22, 2008, São Paulo, SP, Brazil

Lectures, workshops, and poster sessions

Nov. 19, 2008, Wednesday

9:00 to 16:00: Reception and registration of speakers and delegates.

18:00: Opening ceremony.

Keynote lecture and tribute to:

Dr. R.H.F. Hunter (University of Cambridge, UK).

Temperature gradients in female reproductive tissues and their potential significance.

19:30 to 21:00: Welcome cocktail.

Nov. 20, 2008, Thursday

8:30 to 9:20

Dr. Jock K. Findlay (Prince Henry's Institute of Medical Research, Clayton, Victoria, Australia).

Ovarian physiology: follicle development, oocyte and hormone relationships.

9:25 to 10:15

Dr. Angela R. Baerwald (University of Saskatchewan, Saskatoon, Canada).

Human antral folliculogenesis: what we have learned from the bovine and equine models.

10:20 to 11:50: **Coffee break and poster session I.**

11:50 to 12:30

Lonnie Russell lecture:

Dr. Blanche Capel (Duke University, USA).

Patterning the gonad in 4-dimensions.

12:30 to 14:00: **Lunch.**

14:00 to 14:50

Dr. W. Colin Duncan (University of Edinburgh, UK).

Paracrine regulation of luteal development and luteolysis in the primate.

14:55 to 15:45

Dr. Akio Miyamoto (Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan).

Luteolysis in the cow: a novel concept of vasoactive molecules.

15:45 to 16:30: **Coffee break and visit to posters.**

17:00 to 19:00: **Workshop I**

Recent advances in ovulation synchronization and superovulation in cattle.

Dr. Reuben Mapletoft (University of Saskatchewan, Saskatoon, Canada). Beef and dairy cattle. – *Coordinator.*

Dr. Gabriel Bo (Instituto de Reproduccion Animal Córdoba - IRAC, Córdoba, Argentina). Beef cattle.

Dr. Roberto Sartori Filho (Embrapa/CENARGEN, Brasília-DF, Brazil). Dairy cattle.

Dr. Pietro S. Baruselli (USP/FMVZ, São Paulo, Brazil). Buffalo.

Nov. 21, 2008, Friday

8:30 to 9:20

Dr. Milo C. Wiltbank (University of Wisconsin, Madison, USA).

Mechanisms associated with selection of a single or multiple dominant follicles in dairy cattle.

9:25 to 10:15

Dr. Joanne E. Fortune (Cornell University, USA).

The periovulatory period in cattle: progesterone, prostaglandins, oxytocin and ADAMTS proteases.

10:20 to 11:50: **Coffee break and poster session II.**



11:50 to 12:40

Dr. Rob van den Hurk (Utrecht University, The Netherlands).

Development of fresh and cryopreserved early-stage ovarian follicles, with special attention to ruminants.

12:40 to 14:00: **Lunch.**

14:00 to 14:50

Dr. Monique C.J. Paris (University of Utrecht, The Netherlands).

Ovarian cryopreservation and grafting: its potential for human reproductive biology and animal conservation.

14:55 to 15:45

Dr. Reuben J. Mapletoft (University of Saskatchewan, Canada).

Control of ovarian function for assisted reproductive technologies in cattle.

15:45 to 16:00: **Coffee break.**

16:05 to 16:55

Dr. Mário Binelli (University of São Paulo, Brazil).

Manipulation of ovarian and uterine function to increase conception rates in cattle.

17:00 to 19:00: **Workshop II.**

Ovarian transplant and in vitro culture and freezing of follicles.

Dr. Joanne E. Fortune (Cornell University, USA). – *Coordinator.*

Dr. José Ricardo de Figueiredo (UECE/FV, Fortaleza, Brazil).

Dr. Rob van den Hurk (Utrecht University, The Netherlands).

Dr. Monique C. J. Paris (University of Utrecht, The Netherlands)

Nov. 22, 2008, Saturday

8:30 to 9:20

Dr. Andrzej Madej (Swedish University of Agricultural Sciences, Uppsala, Sweden).

Endocrine dynamics associated with follicle development in pigs: a review.

9:25 to 10:15

Dr. Eduardo L. Gastal (University of Wisconsin, Madison, USA).

Recent advances and new concepts on follicle and endocrine dynamics during the equine periovulatory period.

10:20 to 11:50: **Coffee break and poster session III.**

11:50 to 12:30

Dr. Bruce K. Campbell (University of Nottingham, UK).

The endocrine and local control of ovarian follicle development in the ewe.

12:30 to 14:00: **Lunch.**

14:00 to 14:50

Dr. Harry J. Grier (Florida Fish and Wildlife Research Institute, USA).

Folliculogenesis, oocyte growth, maturation, and ovulation in ray-finned fishes, an overview.

14:55 to 15:45

Dr. Patrick W. Concannon (Cornell University, USA)

Endocrine control of ovarian function in dogs and other carnivores.

15:45 to 16:25: **Coffee break and visit to posters.**

16:30 to 18:30: **Workshop III.**

Luteolysis: comparative aspects among species.

Dr. Akio Miyamoto (Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan). *Cow.* – *Coordinator.*

Dr. Angela R. Baerwald (University of Saskatchewan, Saskatoon, Canada). *Woman.*

Dr. W. Colin Duncan (University of Edinburgh, UK). *Primates.*

Dr. Eduardo L. Gastal (University of Wisconsin, Madison, USA). *Mare.*

Dr. Milo C. Wiltbank (University of Wisconsin, Madison, USA). *Cow.*

18:45: **Closing ceremony.**



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