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Bern - Switzerland
August 24 - 26, 2011

7th International Congress on Farm Animal Endocrinology

ICFAE 2011

Program (invited speakers)

Session 1. Stress physiology and immunological factors as contributors to animal welfare

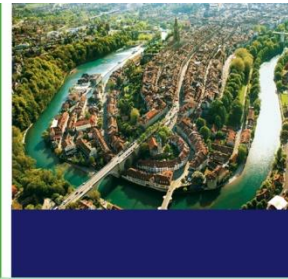
- Pierre Mormede, INRA, Bordeaux, France. molecular genetics of the HPA axis and breeding for robustness – consequences for animal welfare
- Ted Elsasser, USDA, Beltsville, USA. Impacts of stress on endocrine and metabolic processes and redirection: Crosstalk between subcellular compartments
- Klaus Lønne Ingvarsten, Dept. Animal Health and Bioscience, Aarhus University, Tjele, Denmark. Physiological-based biomarkers for periparturient diseases in dairy cows.

Session 2. Endocrine regulation of the mammary gland at different functional stages.

- Bob Collier, Tucson, USA. Serotonin as a homeostatic regulator of lactation
- Marion Boutinaud, Saint Gilles, France. Prolactin updated
- Tom McFadden, Edmonton, Canada. Endocrine regulation of colostrum formation

Session 3. New and old players in regulation of energy metabolism

- Wieland Kiess, Leipzig, Germany. Adipose tissue, adipocytes and adipokines, a review”
- Jan Frystyk, Danmark. Quantification of GH-IGF-axis components in growth and development – lessons from human studies.



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- Harald Hammon, Dummerstorf, Germany. Energy metabolism in the newborn farm animal: Endocrine changes and response to milk-borne and systemic hormones

Session 4. Novel Aspects of the Reproductive axis

- Penny Hawken. Crawley, Australia. The scent of sex
- Jeremy Smith. Melbourne, Australia. The role of gonadotropin inhibitory hormone and Kisspeptin in seasonal regulation of reproduction
- Akio Miyamoto. Obihiro, Japan. The bovine corpus luteum: a regulation by local systems for vascular and immune functions

Session 5. Pushing Production

- Gary Williams. Beeville, TX, USA. Reproductive seasonality in the mare: neuroendocrine basis and pharmacological control
- Alain Caraty. Nouzilly, France. Induction of breeding in anestrus using kisspeptin.
- Brian Leury. Melbourne, Australia. Response of the stress axis predicts lean:fat ratio – breed and sire effects

Deadline for abstract submission is 31st of March 2011

For more information, please contact rupert.bruckmaier@physio.unibe.ch

Organizing Committee: Rupert Bruckmaier, Switzerland; Iain Clarke, Australia; Akio Miyamoto, Japan; James Sartin, United States; Helga Sauerwein, Germany; Mogens Vestergaard, Denmark