2nd announcement
Program, Registration and Abstract submission

The meeting venue for the 8th ICFAE is at Hotel LEGOLAND close to Legoland, Billund, Denmark.
The venue is only 3 km from the International airport of Billund (BLL) from where there are several daily flights to Paris, Frankfurt, Amsterdam, Manchester, Riga, Rome, Barcelona, Copenhagen etc.

We are proud to present the scientific program:

**SCIENTIFIC PROGRAM**

**Session 1: Endocrine Control of Metabolism**

*Exogenous and endogenous factors influencing lipid and energy metabolism in dairy cows.*

**Björn Kuhla**, FBN Dummerstorf, Germany

*Regulation of nutrient metabolism and immune function in chicken.*

**Mark E Cook**, University of Wisconsin, USA

*Regulation of skeletal muscle protein synthesis and protein breakdown.*

**Tracy G Anthony**, Rutgers University, NJ, USA

*“Metabolic syndrome” in mammals and birds?*

**Korinna Huber**, University of Veterinary Medicine Hannover, Foundation, Germany

*A survey of the endogenous and exogenous factors influencing the concentrations of adiponectin in body fluids and tissues through all phases of bovine life.*

**Helga Sauerwein**, Uni Bonn, Germany

**Session 2: The Gut: New Critical Control Points for Endocrine-Immune-Metabolic Targeting**

*The Gut Microbiome as a Virtual Endocrine Organ: Implications for Physiology, Brain and Behaviour.*

**Gerard Clarke**, Biosciences Institute, University College Cork, Ireland

*Glucagon-like peptide 2 and its beneficial effects on gut function and health in production animals.*

**Erin E Connor**, USDA, Beltsville Agricultural Research Center, USA
**Adrenomedullin regulates microbiota and intestinal pathophysiology.**  
**Alfredo Martinez**, Center for Biomedical Research of La Rioja (CIBIR), Spain

**Natural bioactives to maintain gut homeostasis.**  
**Torres Sweeney**, University College Dublin, Ireland

**Dietary influence on gut maturation in early postnatal life in pigs.**  
**Thomas Thymann**, University of Copenhagen, Denmark

**Session 3: Animal Health and Stress. Consequences and Strategies**  
**Programming better welfare and production with catecholamines.**  
**Rachael Dennis**, University of Maryland, USA

**A comparison of the equine and bovine pituitary-adrenocortical axis.**  
**Han van der Kolk**, Swiss Institute for Equine Medicine, University of Bern and Agroscope, Switzerland

**Behavioral and metabolic differences in ewes characterized as high or low cortisol responders.**  
**Belinda Henry**, Monash University, Australia

**Glucocorticoid programming of intrauterine development.**  
**Abigail Fowden**, Cambridge University, UK

**The role of mitochondrial DNA copy number, variants and haplotypes in farm animal developmental outcome.**  
**Justin St. John**, Hudson Institute of Medical Research, Australia

**Session 4: Endocrine Control of Lactation**  
**Serotonin regulates calcium transport during lactation.**  
**Laura Hernandez**, University of Wisconsin, USA

**Effect of trans-10, cis-12 CLA on mammary Lipid Synthesis.**  
**Kevin Harvatine**, Cornell Univ, NY, USA

**Altering prolactin concentrations in sows**  
**Chantal Farmer**, AgCanada, Lennoxville, Canada

**Quantification of nutrients absorbed, metabolized in the liver, and secreted into milk of lactating sows.**  
**Peter Theil**, Aarhus Univ, Denmark

[ICFAE 2015 Website]
Session 5: Reproduction and Health

New Concepts of the Central Control of Reproduction, integrating influence of Stress, Metabolic State and Season.

*Iain Clarke*, Monash University, Melbourne, Australia

**Impact of nutritional programming on growth, health and sexual development of bull calves.**

*Heinrich Bollwein*, University of Zurich, Switzerland

**Intra-pituitary mechanisms underlying the control of fertility: key players in seasonal breeding.**

*Domingo Tortonese*, University of Bristol, UK

**Local immune system in oviduct physiology and pathophysiology: Attack or tolerance?**

*Mohamed Marey*, Damanhour University, Egypt

**Early pregnancy in the mare: old concepts re-visited.**

*Claudia Klein*, University of Calgary, Canada

**The deleterious effects and the interaction of mastitis and heat stress on ovarian function in lactating cow: basic and applied aspects.**

*Zvi Roth*, The Hebrew University, Israel

REGISTRATION AND PAYMENT

**Registration for the meeting opens in February.**

Registration and payment will be made through [Aarhus University](https://www.au.dk). Registration fee will be 350 euros for scientists and 250 euros for PhD students. The registration fee includes all meals, coffee/tea, water etc. for two full days (Thursday and Friday) including a conference dinner Thursday night. Free access to spa/gym and to the LEGOLAND amusement park is also included.

A one-day post conference tour (Viking theme) will be arranged on Saturday 29 August and has to be paid separately (55 euros) at the registration.

**Deadline for registration and payment is 4 August June 2015.**

[ICFAE 2015 Website](https://www.icfae2015.com)
Deadline for hotel reservation is 21 June. Rooms have been reserved at the meeting venue (Hotel LegoLand) for the participants. We encourage all participants to stay at this hotel. Special room rates (120 euros/night incl. breakfast) have been negotiated. Hotel reservations should be made directly to the hotel. Please mark the request with ICFAE 2015 and booking number 46345 to reservation@legoland.dk

ABSTRACT SUBMISSION AND PUBLICATION

Abstract submission opens 15 February. Details for abstract submission (format and words) will be available on the web-site from 15 February. The majority of the submitted abstracts will be presented as posters. A few submitted abstracts might be presented as short communications. Authors will be notified during the review process (mid-May 2015).

Deadline for abstract submission is 15 April 2015. Applies for both submitted abstracts and abstracts from invited talks.

Publications and technical support:
Invited talks will be published in Domestic Animal Endocrinology.

ORGANIZING COMMITTEE

Rupert Bruckmaier, Univ Bern (Switzerland); James L Sartin, Auburn Univ (USA); Iain Clarke, Monash Univ (Australia); Akio Miyamoto, Obihiro Univ (Japan); Helga Sauerwein, Univ Bonn (Germany); Ted Elsasser, USDA Beltsville (USA); Mogens Vestergaard, Aarhus Univ (Denmark) (Chairman)

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ICFAE 2015 website