

# Equine Reproduction and Neonatology Conference

19–21 April, 2019 - Doha, Qatar

Following the “Workshop on Equine Endometritis” meeting, held in May 2016, the “Equine Reproduction and Neonatology Conference 2018” will be addressing a much wider range of equine reproduction-related issues, spanning from the pitfalls of breeding the sub-fertile individual, through to the optimization of embryo performance and management, to end up with the identification of high risk pregnancy profiles in advanced gestation. A neonatology section will also be featuring, with a series of dedicated lectures.

A complementing wet-lab session will be held at EVMC on the third and final day of the conference, articulated into three separate sessions: embryo transfer, high risk pregnancy and neonatology.





## ➤ **Dr Mats Troedsson**

DVM, PhD, DACT, DECAR

Professor, Maxwell H. Gluck Equine Research Center University of Kentucky

Dr. Mats Troedsson is the founding Director of EVMC. He received his veterinary degree from The Royal Veterinary College in Stockholm. Following 12 years in private practice he enrolled in doctoral studies at the University of California, Davis and graduated with a PhD in Reproductive Immunology in 1991. Dr Troedsson has served as Professor and Director of the Large Animal Teaching Hospital at the University of Minnesota, Professor, Head of Reproduction and Director of Equine Research Programs at the University of Florida, and most recently as Department Chair of the Department of Veterinary Science and the Director of Maxwell H. Gluck Equine Research Center at the University of Kentucky. He is an Honorary Professor of Obstetrics and Reproduction at the University of Copenhagen in Denmark. His clinical and research interests involve equine endometritis, the interaction between semen and the female reproductive tract, biology of seminal proteins, and diagnostics/ treatment of equine placentitis. Dr. Troedsson is the author and co-author of over 500 scientific/ professional articles, abstracts and book chapters, and he has served as the mentor of 17 veterinarians in their training to become board certified in Theriogenology/Reproduction, 13 PhD and MS students, and 7 post-doctoral fellows.



## ➤ **Dr Jessica Johnson**

BAgrSc, MVB, MRCVS, Dipl. ECVS, DVMS

Specialist in Equine Surgery, Equine Veterinary Medical Centre, Qatar

Following completion of an undergraduate degree in Agricultural Science, majoring in Animal Science in 2006, Dr Johnson graduated with an MVB in Veterinary Medicine from University College Dublin, Ireland, in 2011. After graduation, she completed three equine internships: first in Dubai Equine Hospital, then Troytown Equine Hospital in Ireland, and finally a year in the University College Dublin Veterinary Hospital. Subsequently, following nine months in private equine practice in Northern Ireland, she returned again to the UCD VH in 2014 where she completed a 3-year residency to become a European Specialist in Large Animal Surgery. Alongside this she also completed a Doctorate of Veterinary Medical Specialization (DVMS) with a thesis entitled "Ultrasound-guided Injection Techniques of the Axial Skeleton in the Horse". Her special areas of research include ultrasound-guided injection techniques in the horse, and pre-surgical disinfection of the equine hoof. Dr Johnson joined the team at EVMC in March, 2018, as a surgery clinician, and has been actively involved in establishing the clinical service at the hospital.



## ➤ **Dr Florent David**

DVM, MS, Dipl. ACVS & ECVS, Dipl. ACVSMR, ECVDI Assoc.

Specialist in Equine Surgery, Sports Medicine and Diagnostic Imaging,  
Equine Veterinary Medical Centre, Qatar

Dr David graduated from the National Veterinary School of Lyon, France in 2001. He subsequently completed an Internship and a Residency program (2001-06) in Equine Surgery at the University of Montreal, Saint-Hyacinthe, Canada. During his Residency, he completed a Masters degree on cartilage cytokine expression and osteoarthritis (2007) in Dr. Sheila Laverty's laboratory. He then took up a one-year position as a Clinical Instructor in Equine Surgery and Lameness in the same institution. He became a board certified specialist with the American College of Veterinary Surgeons and the European College of Veterinary Surgeons in 2007. Dr David was then appointed Lecturer and Chief of Service of the Large Animal Surgery Unit (2007-2014) at the School of Veterinary Medicine, University College Dublin, Ireland. He was granted recognition by the European College of Veterinary Diagnostic Imaging as Associate Member (Large Animals) and became a board certified with the American College of Veterinary Sports Medicine in 2012. In 2014, Dr David joined Mid-Atlantic Equine Medical Center in Ringoes, New Jersey, USA where he worked as an Equine Surgeon and Sports Medicine Specialist for 2 years. In 2017, he returned to Europe as a senior Equine Surgeon and Sports Medicine Specialist at Bjerke Dyrehospital, in Oslo. In November 2017, Dr David joined EVMC as an equine surgery clinician. His clinical and research interests are ultrasonography, tomographic imaging and lameness investigation, as well as minimal invasive surgery.





## **Dr Stefania Bucca**

**DVM**

**Specialist in Reproduction, Clinical Veterinarian, Equine Veterinary Medical Centre, Qatar**

Dr Bucca graduated from the University of Turin, College of Veterinary Medicine, Italy, in 1977. She has practiced in Ireland and Italy as a resident stud veterinarian and in equine first opinion and referral private practices as a reproductive consultant. Since 1996 she's been collaborating with the Irish Equine Centre as a senior clinical researcher. She moved to Qatar in February 2012, appointed by the Racing and Equestrian Club to work as senior reproductive specialist. Dr Bucca is the author of several articles and book chapters and an invited speaker at numerous international venues. Her main research interests focus on the equine pregnancy.



## **Dr Benjamin Uberti**

**DVM, MSc, Dipl. ACVIM**

**Assistant Professor, Institute of Veterinary Clinical Sciences, Faculty of Veterinary Sciences, Universidad Austral de Chile**

Dr Uberti obtained his veterinary degree from the University of Buenos Aires, Argentina. He has also completed an internship in equine emergency and critical care at The Ohio State University (2005), and a residency in Large Animal Internal Medicine at Purdue University (2006-2009), obtaining specialty certification in the American College of Veterinary Internal Medicine. He then worked in private practice in Buenos Aires, Argentina (2010-2014). Since then, he is the Equine Section Head at Universidad Austral de Chile, in Valdivia. His research interests include equine respiratory and endocrine diseases.

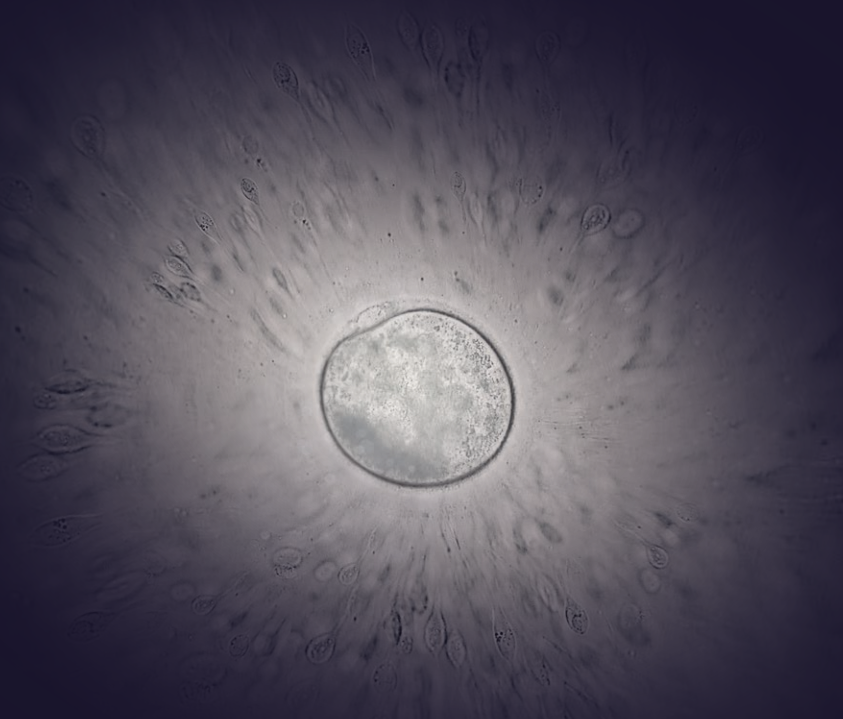


## **Dr Luis Losinno**

**DVM, PhD**

**Professor, Equine Production Laboratory, Dpt. Animal Sciences, Agronomy & Veterinary Faculty, Rio Cuarto National University- Argentina**

Dr Losinno obtained his veterinary medicine degree from University of Rio Cuarto, Argentina and completed his PhD in Veterinary Medicine at the University of Idaho, USA. He worked in a large animal reproduction private practice in Uruguay before commencing his academic activities. He is currently a Consultant on Equine Production and Equine Reproduction & Assisted Reproductive Techniques programs worldwide. He is also an Assistant Professor at the University of Rio Cuarto, Argentina and a Director of the Equine Sciences Laboratory and Equine Science-Master of Science Program. He is a highly regarded author of numerous publications and research projects, as well as international speaker who has a strong interest in assisted reproductive technologies.





## Day 1 Friday 19 April

Location: QNCC

07:00 – 07:30	Registration
07:30 – 08:30	Benjamin Uberti: Clinical syndromes associated to perinatal hypoxia
08:30 – 09:00	Coffee break
09:00 – 10:00	Mats Troedsson: Common ovarian abnormalities
10:00 – 11:00	Luis Losinno: Guidelines for improving efficiency in embryo transfer programs
11:00 – 12:00	Prayer time
12:00 – 13:30	Lunch break
13:30 – 14:30	Stefania Bucca: Real time and doppler ultrasonography of the equine pregnancy and identification of the high-risk gestation
14:30 – 15:00	Coffee break
15:00 – 16:00	Jessica Johnson: Aspects of neonatal surgery in the horse
16:00 – 17:00	Round Table: Reproduction problems in Qatar Panel: Manuel Losinno, Heron Alves, Mats Troedsson, Stefania Bucca
18:30 – 21:00	Tour of EVMC and appetizers

## Day 2 Saturday 20 April

Location: QNCC

08:30 – 09:30	Benjamin Uberti: Medical therapy in neonatal foals
09:30 – 10:00	Coffee break
10:00 – 11:00	Mats Troedsson: Non antibiotic treatment alternatives for endometritis
11:00 – 12:00	Luis Losinno: Embryo transfer, what is new?
12:00 – 13:30	Lunch break
13:30 – 14:30	Stef Bucca: Treatment and management of cervical incompetence in the pregnant and non-pregnant mare
14:30 – 15:00	Coffee break
15:00 – 16:00	Florent David: Update on minimally-invasive (endoscopic and laparoscopic) surgical procedures on the mare's reproductive apparatus
16:00 – 17:00	Round Table: Neonatology problems in Qatar Panel: Benjamin Uberti, Camilla Jamieson, Devaya Achappa

## Day 3 Sunday Wetlab 21 April

Location: EVMC reproduction department

Maximum attendance 30 people

Running simultaneously: Groups of 10

Wet lab repeated 3 times in the day

1. **Stefania Bucca:** Ultrasonography of the pregnant mare to identify high risk gestations
2. **Luis Losinno:** Embryo transfer
3. **Benjamin Uberti:** Thoracic and abdominal neonatal ultrasonography

08:00 – 10:00	Wet lab
10:00 – 10:30	Coffee break
10:30 – 12:30	Wet lab
12:30 – 14:00	Lunch break
19:00	Gala dinner at the Marwan club