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Epigenetics and conception

Pascale Chavatte-Palmer

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RosSDales Mare and Stallion Reproduction Course

Full Course Programme

Wednesday 25th January 2023

08.15-08.45 Registration and coffee

08.45-09.00 Welcome

BARREN MARE

09.00-09.45 **Epigenetics and conception** (Pascale Chavatte-Palmer)

09.45-10.15 **Transition management** (Simon Staempfli)

10.15-10.45 **Endometritis: A literature review** (Camilla Scott)

10.45-11.15 Coffee

11.15-11.45 **Ovulation failure: Case based discussion** (Monica Morganti)

11.45-12.15 **AMH/GCTs: Case based discussion** (Tom Stout)

12.15-12.45 **Videohysteroscopy: Case based discussion** (Andrew McGladdery)

12.45-13.00 Discussion

13.00-14.00 Lunch

PREGNANT MARE

14.00-14.30 **Options for oestrus suppression** (Simon Staempfli)

14.30-15.00 **Recent research on EPL in the mare** (Mandi DeMestre)

15.00-15.30 **What do placentitis biomarkers actually tell us?** (Sarah Moore)

15.30-16.00 Tea

16.00-16.45 **What is the evidence for medicating the high-risk pregnancy?** (Jutta Sielhorst)

16.45-17.00 Discussion

19.00-22.00 Tour of the National Horseracing Museum and supper at The Tack Room

Thursday 26th January 2023

PREGNANT MARE 2

08.30-09.00	Fetal Heart Rate Monitoring: Cased based lecture	(Celia Marr)
09.00-09.30	Umbilical cord torsion: what we know and what we'd like to find out	(Jessica Roach)
09.30-10.00	Dystocia/Fetotomy	(Tom Stout)
10.00-10.30	Discussion	
10.30-11.00	Coffee	
11.00-11.30	Treating PPH in the field/hospital	(Catriona Mackenzie)
11.30-12.15	Uterine, cervical and rectal tears: what are the options?	(Tom O'Brien)
12.15-13.00	Panel discussion: Anti-microbial use in reproductive practice	(Camilla Scott, Jutta Sielhorst, Meta Osborne)
13.00-14.00	Lunch	
Case Discussion Groups		
14.00-14.40	Group A: Twin management with review of U/S guided reductions and Thoracic Squeeze Technique	(Jutta Sielhorst, Tom Stout)
14.40-15.20	Group B: Do barren mare work ups improve subsequent fertility?	(Andrew McGladdery, Meta Osborne)
15.20-15.50	Group C: Oocyte collection, handling and shipment	(Patrick Brogan)
15.50-16.20	Tea	
16.20-16.50	Guest lecture – Rhino Fertility Project	(Suzannah Williams)
19.15 for 19.45	Course dinner and tour of The Jockey Club Rooms, Newmarket	

Friday 27th January 2023**ASSISTED REPRODUCTION**

08.45-09.30	AI Protocols: An evidence-based approach	(Monica Morganti)
09.30-10:15	Clinical aspects of ET - how to optimise your results: donor-recipient mare management	(Patrick Brogan)
10.15-10.45	Coffee	
10.45-11.15	Embryo Cryopreservation	(Carolina Herrera)
11.15-11.45	ICSI vs conventional ET	(Kaatje Ducheyne)
11.45-12.15	Clinical implications of preimplantation genetics	(Carolina Herrera)
12.15-13.00	Maternal ageing and ART	(Kaatje Ducheyne)
13.00-14.00	Lunch	

STALLION

14.00-14.30	Reproductive strategies and management of mares	(Dominik Burger)
14.30-15.00	Advanced semen analysis and sex-sorted semen	(Tom Stout)
15.00-15.30	Tea	
15.30-16.00	Management strategies for the stallion	(Dominik Burger)
16.00-16.30	Discussion and close	