



Society for Reproduction and Fertility

SRF Conference 2009
St Catherine's College, Oxford
Sunday 12th – Tuesday 14th July 2009
Programme

Sunday 12th July

TIME	SESSION DETAILS
1200 - 1300	SRF Council Meeting (SRF Council Members only)
1400 - 1600	<p style="text-align: center;">Symposium 1: Lifestyles and Reproduction (Bernard Sunley Lecture Theatre)</p> <p>Age and reproductive fitness: evolutionary theory and biogerontological practice – D Gems</p> <p>Physiological and man-made influences on fertility in thoroughbred horses – WR Allen</p> <p>Impact of obesity on maternal reproductive fitness – FC Denison</p> <p>Chair: MR Luck</p>
1600 - 1630	Tea/Coffee Break (Marquee)
1630 - 1800	<p style="text-align: center;">Post Doc Scientist Award (Bernard Sunley Lecture Theatre)</p> <p>O1 Androstenedione does not overcome transforming growth factor-β1 inhibition of FSH receptor mRNA expression in cultured bovine granulosa cells – XF Zheng</p> <p>O2 Dynamic changes in the expression and functionality of BMP signalling accompanies the transition from germ cell proliferation to differentiation in the human fetal ovary – AJ Childs</p> <p>O3 Abnormal development of mouse preantral follicles in vitro – SA Stubbs</p> <p>O4 Prostaglandin synthesis and signalling in the porcine endometrium and conceptus – A Waclawik</p> <p>Chair: G FitzHarris</p>
1800 - 1930	Welcome Drinks Reception and Poster Viewing (Marquee)
1930 - 2300	SRF Quiz with Buffet (Marquee)

Monday 13th July

TIME	SESSION DETAILS		
0830 - 1030	<p align="center">Symposium 2: Communication in Pregnancy (Bernard Sunley Lecture Theatre)</p> <p>Intercellular communication in oogenesis: implications for pregnancy – GM Kidder</p> <p>How does the maternal immune system respond to trophoblast? – A Moffett</p> <p>Trophoblast-maternal interactions: what can we learn from the mare? – AM de Mestre</p> <p>Chair: F Houghton</p>		
1030 - 1100	<p align="center">Tea/Coffee Break (Marquee)</p>		
1100 - 1230	<p align="center">Oral Session 1: Reprogramming (Bernard Sunley Lecture Theatre)</p> <p>O5 Role of P2X receptors in the activation of anion secretion in the bovine oviduct epithelium – A Fitzgerald</p> <p>O6 Human Cumulus Cell Gene Expression as a Biomarker of pregnancy outcome following single embryo transfer – KM Gebhardt</p> <p>O7 Parthenogenetic activation of ovine oocytes vitrified at germinal vesicle stage – AR Moawad</p> <p>O8 Comparison of the behavioural responses of Yellow Coat Colour Avy/a Mice to Brown Coat Colour (Pseudoagouti) Avy/a Sibling Mice – CS Rosenfeld</p> <p>O9 Simplifying Sheep Androgenetic Embryo Production – F Zacchini</p> <p>O10 Induced pluripotent stem cells derived from pigs – RM Roberts</p> <p>Chairs: P Loi and HH Yao</p>	<p align="center">Oral Session 2: Female Reproduction (Room A)</p> <p>O11 Effect of FSH and 17β-oestradiol on <i>in vitro</i> levels of PGE₂ and COX-2 in explants of cervical tissue from ewes in the follicular phase – L Falchi</p> <p>O12 Foetal long-term implantation with a GnRH agonist reduces the number of primordial follicles in 6 week-old female calves – JH Hernandez-Medrano</p> <p>O13 Effect of n-3 polyunsaturated fatty acid supplementation on prostaglandins produced by uterine endometrial cells isolated from cyclic ewes – Z Cheng</p> <p>O14 Unbalanced expression of a panel of relevant imprinted and non-imprinted genes regulating placental growth and angiogenesis in sheep foetuses produced by Assisted Reproductive Technologies (ART) – P Toschi</p> <p>O15 Contractions induced by prostaglandin (PG) E₂ and PGF_{2α} are superseded by thromboxane in isolated human myometrium at term pregnancy – DP Fischer</p> <p>O16 Regulation of angiogenesis and lymphangiogenesis in human endometrium via PGF_{2α} initiation of adrenomedullin signalling – S Battersby</p> <p>Chairs: APF Flint and KJ Sales</p>	<p align="center">Oral Session 3: Ovary and Oocytes (Room C)</p> <p>O17 Cell adhesion and cytoskeletal architecture during early follicle growth in the mouse ovary – J Mora</p> <p>O18 Sudden changes in exposure to environmental chemicals perturbs ovarian development – MR Amezaga</p> <p>O19 The antrums of ovine ovarian preovulatory follicles are severely hypoxic – JF Murray</p> <p>O20 Changes in granulosa and thecal expression of bone morphogenetic protein (BMP) / activin binding proteins during antral follicle development in cattle – PG Knight</p> <p>O21 Assessing the effects of biological variability on follicle counting of the neonatal mouse ovary using computer-generated virtual ovaries – A Skodras</p> <p>O22 Mitochondrial distribution in PUFA treated bovine oocytes – WF Marei</p> <p>Chairs: GM and RJ Webb</p>
1230 - 1400	<p align="center">Lunch (Dining Hall) (SRF AGM (1230 – 1300))</p>		
1400 - 1530	<p align="center">SRF Student Prize (Bernard Sunley Lecture Theatre)</p> <p>O23 Molecular and functional characterization of a testis-specific TRS4 gene in spermatogenesis – AYB Tang</p> <p>O24 Appropriate imprinting of H19 in extraembryonic tissues (EET) of in vitro produced (IVP), bi- and mono-parental sheep embryos – A Fidanza</p> <p>O25 Identifying the targets of IL-6 ligand action in the human fetal ovary – SL Eddie</p> <p>O26 Effect of prenatal androgenization on androgen receptor expression and follicle formation in the fetal sheep ovary – F Comim</p> <p>O27 In vitro follicle culture: does enhanced oxygenation improve growth and development? – JM Connolly</p> <p>O28 Thrombospondin-1 (TSP-1) inhibits angiogenesis and promotes follicular atresia in a novel in vitro angiogenesis assay – SA Garside</p> <p>Chairs: AJ Childs and M Laird</p>		
1530 - 1700	<p align="center">Tea/Coffee Break with Poster Session (Marquee)</p>		
1700 - 1800	<p align="center">Distinguished Scientist (Bernard Sunley Lecture Theatre)</p> <p>The role of A-Kinase Anchoring Protein 121 (AKAP121) in the regulation of the steroidogenic acute regulatory protein and steroid hormone biosynthesis - DM Stocco</p> <p>Chair: HM Picton</p>		
1930	<p align="center">Pre Dinner Drinks (JCR Bar)</p>		
2000	<p align="center">Conference Dinner (Dining Hall)</p>		

Tuesday 14th July

TIME	SESSION DETAILS
0900 - 1030	<p style="text-align: center;">SSR / SRF New Investigator (Bernard Sunley Lecture Theatre)</p> <p>SSR New Investigator – HH Yao Testicular Dysgenesis: Fetal origin of adult reproductive deficiencies?</p> <p>SRF New Investigator – KJ Sales Cyclooxygenase enzymes and Prostaglandin receptors: Insights into mechanisms and control of uterine pathology</p> <p>Chair: DRE Abayasekara</p>
1030 - 1100	Tea/Coffee Break (Marquee)
1100 - 1300	<p style="text-align: center;">Symposium 3: Non-transcriptional Modifications (Bernard Sunley Lecture Theatre)</p> <p>Epigenetic processes in embryos and stem cells – LE Young</p> <p>Two families of RNA-binding proteins that regulate translation in germ cells and interact – NK Gray</p> <p>Nuclear remodelling in spermiogenesis: the histone code may survive chromatin condensation – D Miller</p> <p>Chair: CJ Ashworth</p>
1300 - 1310	<p style="text-align: center;">Closing Ceremony (Bernard Sunley Lecture Theatre)</p> <p style="text-align: center;">DRE Abayasekara</p>
1310 - 1430	Lunch and Depart (Dining Hall)