



Programme

Sunday 29th June 2008

TIME	LOCATION
12:00 – 13:30	MEETING ROOM 3 (adjacent to Kirkland Room) SRF Council Meeting
14:00 – 16:00	SOUTH HALL Symposium 1: Signalling in Reproduction Non-genomic actions of steroids in reproduction - Dr Stephen Publicover Signal transduction pathways in ovarian follicles - Professor Teresa K Woodruff GPCR signalling in health and disease - Dr Henry N Jabbour Chair: Dr Robert Abayasekara
16:00 – 16:30	KIRKLAND ROOM (South Hall Building) Tea/Coffee Break with Exhibition Viewing Time
16:30 – 17:40	SOUTH HALL Post Doc Scientist Award O1 Akt is functional in the completion of meiosis in mouse oocytes - Y Hoshino O2 Mitogen-activated protein kinase pathway controls the activity of intracellular pH-regulatory HCO ₃ /Cl ⁻ exchanger during meiotic maturation of mouse oocytes - CX Zhou O3 Identification of embryonic maternal dialogue regulating Prokineticin 1 and Leukaemia Inhibitory Factor (LIF) expression during the window of implantation and early pregnancy - J Evans Chair: Dr Francesca Houghton
18:00 – 19:30	SOUTH HALL Welcome Drinks Reception and Poster Viewing
19:30 – 23:00	ABSORB BAR SRF Quiz



Monday 30th June 2008

TIME	LOCATION	
	SOUTH HALL	PRESTONFIELD (John McIntyre Building)
08:30 – 10:30	<p align="center">Symposium 2: Evolution of Reproduction</p> <p>Sexual conflict and evolution of reproductive traits - Dr Tracey Chapman</p> <p>Evolutionary origins of pregnancy - Dr David Bainbridge</p> <p>Evolutionary co-adaptation of the neuroendocrine hypothalamus and placenta - Professor Barry E Keverne</p> <p>Chair: Professor Gerald Lincoln</p>	
10:30 – 11:00	<p align="center">KIRKLAND ROOM (South Hall Building) - Tea/Coffee Break with Exhibition Viewing Time</p>	
11:00 – 12:30	<p align="center">Oocyte, Embryo and Stem Cells</p> <p>O4 Oocyte-specific removal of complex N- and O-glycans leads to ovarian failure - SA Williams</p> <p>O5 Activin promotes antral formation and oocyte health during <i>in vitro</i> development of bovine primordial follicles - M McLaughlin</p> <p>O6 KIT signalling promotes OCT-4 expression in the germ cells of the human fetal ovary - AJ Childs</p> <p>O7 The progressive elimination of donor cell mitochondrial DNA in interspecies embryos generated through somatic cell nuclear transfer - YAN Jiang</p> <p>O8 Effect of heat stress on expression of Interferon-τ (IFNτ) and Heat Shock Protein 70 (HSP70) by <i>in vitro</i> produced (IVP) bovine embryos - CFL Hickman</p> <p>O9 Entry into embryonic diapause - MB Renfree</p> <p>Chair: Dr Norah Spears and Dr Helena Fulka</p>	<p align="center">Cell Signalling</p> <p>O10 Expression and activity of 11beta-Hydroxysteroid Dehydrogenase (11betaHSD) enzymes in mouse oocytes - L Tinworth</p> <p>O11 A comparison of effects of cycloheximide and cAMP on synchronisation of porcine oocyte maturation - WC Chen</p> <p>O12 Role of PLCβ signalling in granulosa cell differentiation - FX Donadeu</p> <p>O13 Signalling of growth factors in rabbit blastocysts depends on specific receptor expression in embryoblast and trophoblast cells - N Ramin</p> <p>O14 A PPAR-independent pathway to PUFA-induced COX-2 expression - APF Flint</p> <p>O15 Prostaglandin F$_{2\alpha}$-FP Receptor signalling regulates vascular function <i>in vitro</i> - MC Keightley</p> <p>Chair: Professor Steve Publicover and Dr Kurt Sales</p>
12:30 – 13:00	<p align="center">PRESTONFIELD (John McIntyre Building) - SRF AGM</p>	
12:30 – 14:00	<p align="center">KIRKLAND ROOM (South Hall Building) - Lunch with Exhibition Viewing Time</p>	
14:00 – 15:30	<p align="center">SRF Student Prize</p> <p>O16 Effects of glucocorticoids on sheep and mouse oocyte maturation, fertilisation and development - R González</p> <p>O17 Functional analysis of <i>Gdf9</i> and <i>Bmp15</i> on cumulus expansion during the <i>in vitro</i> maturation of ovine oocytes - M Cotterill</p> <p>O18 Effects of Polychlorinated Biphenyls (PCBs) on the development of sheep blastocysts - F Zacchini</p> <p>O19 Prostaglandin F$_{2\alpha}$ promotes angiogenesis by regulation of the chemokine CXCL1 in endometrial cancer - AE Wallace</p> <p>O20 Expression of the oestrogen receptor beta 5 (ERβ5) splice variant in human endometrium: potential impact on oestrogen signalling - C FitzGerald</p> <p>O21 Involvement of ADP-Ribosylation Factor 6 (ARF6) small GTPase in Luteinizing Hormone/Choriogonadotropin Receptor (LHCGR) internalisation - K Saha</p> <p>Chair: Dr Andy Childs and Dr Michelle Myers The Postgradoc election will follow this session</p>	
15:30 – 17:00	<p align="center">KIRKLAND ROOM/SOUTH HALL - Tea/Coffee Break with Exhibition Viewing Time and Poster Session</p>	
17:00 – 18:00	<p align="center">Distinguished Scientist</p> <p>Formation of oocytes in mouse and human, <i>in vivo</i> and <i>in vitro</i> - Professor Anne Grete Byskov</p> <p>Chair: Professor Helen Picton</p>	
19:30	<p align="center">KIRKLAND ROOM (South Hall Building) - Pre Dinner Drinks</p>	
20:00	<p align="center">SOUTH HALL - Conference Dinner</p>	



Tuesday 1st July 2008

TIME	LOCATION	
	SOUTH HALL	PRESTONFIELD (John McIntyre Building)
09:00 – 10:30	<p align="center">SSR / SRF New Investigator</p> <p>SSR New Investigator - Dr Derek McLean Hormonal network regulating spermatogonial stem cell homeostasis</p> <p>SRF New Investigator - Dr Greg FitzHarris Kinesin-5 drives microtubules polewards in the mouse egg spindle</p> <p>Chair: Dr Henry N Jabbour</p>	
10:30 – 11:00	KIRKLAND ROOM (South Hall Building) - Tea/Coffee Break with Exhibition Viewing Time	
11:00 – 12:30	<p align="center">Sperm and Male Reproduction</p> <p>O23 The majority of the encoding genome is packaged into the small (15%) nucleosomal compartment of human spermatozoal chromatin - D Miller</p> <p>O24 Male specific nuclear remodelling in sheep somatic cells - P Loi</p> <p>O25 A genetically engineered mouse model for the granulosa cell tumor of the testis - A Boyer</p> <p>O26 New models for hypospadias - AJ Pask</p> <p>O27 A single, mild, transient scrotal heat stress causes hypoxia and oxidative stress in the mouse testis - Philippa Saunders</p> <p>O28 Pre-grafting suppression of spermatogenesis improves germ cell proliferation and differentiation in adult mouse testis allografts - L Arregui</p> <p>Chair: Professor Eduardo Roldan and Dr Michelle Welsh</p>	<p align="center">Female Reproduction</p> <p>O29 Positive feedback action of estradiol on GnRH gene expression in the medial basal hypothalamus of female rhesus macaques (<i>Macaca mulatta</i>) - HF Urbanski</p> <p>O30 Role of the Renin-Angiotensin-System in human granulosa lutein cells - D Herr</p> <p>O31 Cortisol inactivation by 11βHSD2 enhances endometrial angiogenesis via reduced Thrombospondin-1 expression in women with heavy menstrual bleeding - MT Rae</p> <p>O32 Tissue transglutaminase II; a novel regulator of myometrial contractility? - J Alcock</p> <p>O33 Defective attachment of embryos to the uterus in mice lacking PLC-β1 - P Filis</p> <p>O34 Trophoblast activity as the source of 19-norandrostenedione in yolk-sac fluid of the early equine conceptus - JI Raeside</p> <p>Chair: Dr Martin Luck and Dr Telma Esteves</p>
12:30 – 14:00	KIRKLAND ROOM (South Hall Building) - Lunch with Exhibition Viewing Time	
	MEETING ROOM 3 (adjacent to Kirkland Room) - Editorial Board Meeting	
14:00 – 16:00	<p align="center">Symposium 3: Gametogenesis and Differentiation</p> <p>Mitochondrial DNA in the oocyte and embryo - Professor Lawrence Smith</p> <p>Sex determination during development - Professor Robin Lovell-Badge</p> <p>Derivation of gametes from embryonic stem cells - Professor Hans Schöler</p> <p>Chair: Professor Justin St John</p>	
16:00 – 16:10	SOUTH HALL Closing Ceremony - Dr Henry N Jabbour and Dr Robert Abayasekara	
16:10	Depart	