

BASIC SCIENCE POSTERS

Ashlee Clark

H. Nim, N. Lister, M. Frydenberg, M. Lawrence, G. Risbridger, R. Taylor

Transcriptome profiling of single prostate cancer cells following androgen deprivation *abs# 164*

Christopher Rowe

T. Dill, S. King, C. Gedye, J. Paul, J. Tolosa, R. Smith

Thyroid cancers resected in patients with concurrent TSH-receptor stimulation have higher levels of sodium-iodide symporter (NIS) expression *abs# 173*

Elizabeth KM Johnstone

K.D. Pflieger

Heteromerisation of the angiotensin II type 1 receptor and the bradykinin type 2 receptor *abs# 174*

Lance Brooker

V. Agon, J. Grainger, A. Lisi, C. Goebel

Overview of emerging performance and image enhancing drugs (PIEDs) of concern in Australia *abs# 175*

Spencer T Greatorex

D. Bird, D. Reser, J. Ng, T.J. Cole

Characterisation of a novel species-restricted putative hydroxysteroid dehydrogenase called HSD1L in the pituitary-gonadal axis *abs# 176*

Shane M Colley

P.A. Candy, M.R. Phillips, A.D. Redfern, B.A. Wood, P.J. Leedman

Loss of SLIRP is associated with poorer prognosis and increased invasion in colorectal cancer *abs# 177*

Flavian Joseph

A. Love, K. Carruthers

Hypoglycaemia secondary to the Warburg-effect *abs# 178*

CLINICAL POSTERS

Simon Rajaratnam

V. Rajshekhar

Delayed hyponatremia following transsphenoidal surgery for pituitary adenomas *abs# 179*

Katie Wynne

M. Arora, K. Walker, R. . Duvivier

The effect of an educational session on attitudes toward delivery of transgender healthcare by medical students and general practitioners in the Hunter region *abs# 180*

Negar Naderpoor

S. Shorakae, S. Abell, A. Mousa, A. Joham, L. Moran, N. Stepto, P. Spritzer, H. Teede, B. de Courten
Bioavailable and free 25-hydroxyvitamin D and vitamin D binding protein in polycystic ovary syndrome: relationships with obesity and insulin resistance *abs# 181*

Soulmaz Shorakae

E. Jona, G. Lambert, E. Lambert, S. Phillips, I. Clarke, H. Teede, B. Henry

Brown adipose tissue thermogenesis in women with polycystic ovary syndrome *abs# 182*

Soulmaz Shorakae

S. Abell, D. Hiam, E. Lambert, E. Jona, C. Ika Sari, N. Stepto, G. Lambert, B. de Courten, H. Teede
High molecular weight adiponectin is inversely associated with sympathetic activity in polycystic ovary syndrome *abs# 183*

John W.P. Wong

C. Gilfillan

Long-term serum calcium levels, renal function, and bone mineral density in primary hyperparathyroidism: a comparison of medical and surgical therapy *abs# 184*

Louise Young

C. Reuter, X. Yu, M. Baig, C. Dutcus

An analysis of the baseline characteristics and outcomes, by responders and nonresponders, from the phase 3 study of (E7080) Lenvatinib in differentiated cancer of the thyroid (SELECT) *abs# 185*

Sasha Savkovic

S. Lim, G. Fraser, C. Fennell, L. Turner, V. Jayadev, A.J. Conway, D. Curtis, C. Goebel, D. Handelsman

Urine and serum sex steroids in testosterone (T)-treated female-to-male (F2M) transgender and hypogonadal men *abs# 186*

Michelle Isaacs

M. Costin, H.L. Barrett, K. Samaras, J.R. Greenfield

Retrospective review of 64 patients with amiodarone-induced thyrotoxicosis *abs# 187*

Roger Chen

T.S. Bailey, A. Bhargava, J.H. De Vries, G. Gerety, J. Gumprecht, W. Lane, C.H. Wysham, B.A. Bak, C.T. Hansen, A. Philis-Tsimikas

Within-day variability based on 9-point profiles correlates with risk of overall and nocturnal hypoglycaemia in adults with type 1 and type 2 diabetes *abs# 188*

Gary Wittert

E. Atlantis, M. Grossmann, B.B. Yeap, A. Conway, B. Stuckey, D. Handelsman, R. McLachlan, C. Allan, A. Jenkins, M. Daniel, K. Bracken

Testosterone for type 2 diabetes prevention in men: A 2-year multicentre, randomised, double-blind, placebo-controlled trial *abs# 189*

Mark Ng Tang Fui

R. Hoermann, M. Clarke, B. Nolan, J. Zajac, M. Grossmann

Effect of testosterone treatment on bone remodelling markers and bone density in obese dieting men in a randomized, placebo-controlled clinical trial *abs# 190*

Wenlin Cecilia Chi

N. Cheung

Sodium level on admission and in-hospital mortality *abs# 191*

Siew Lim

J. Dunbar, V. Versace, E. Janus, C. Wildey, T. Skinner, S. O'Reilly

Comparing a telephone- and a group-delivered diabetes prevention program: characteristics of engaged and non-engaged postpartum mothers with a history of gestational diabetes. *abs# 192*

Antony Kurishingal Aloysius

A. Ahmed, S. Chandran

Hyponatremia- How are we managing it ? *abs# 193*

Nicholas YN Chee

A. Abdul-Wahab, J.C. Doery, K. Choy, W. Chong, P.J. Fuller, C. Chiang, J. Yang
Adrenocorticotrophic hormone stimulation in adrenal vein sampling – friend or foe? *abs# 194*

Negar Naderpoor

A. Mousa, B. de Courten
Insulin sensitivity, 25-hydroxyvitamin D and phosphate levels and not calcium levels are determinants of bone mineral density in overweight and obese individuals. *abs# 195*

Amanda Seabrook

Li Fraumeni Syndrome and pheochromocytoma *abs# 196*

Angeline Shen

H.M. Torpy, L.K. Phillips, J. King, D. Torpy, C. Yates, P. Colman
Clinical characterization of patients with Cushing's disease from two Australian tertiary hospitals. *abs# 197*

James P Robinson

V. Parameswaran, R.W. McCallum
Predictors of long term remission, relapse and non-resolution with anti-thyroid medication in Graves' disease in a Tasmanian population. *abs# 198*

Kathryn Berkman

W. Inder, A. Russell, L. Li, K. Haigh
Investigation and management of inpatient hyponatraemia. *abs# 199*

Lachlan B McMillan

D. Aitken, P.R. Ebeling, G. Jones, D. Scott
The relationship between objectively-assessed physical activity and bone mineral density in older adults differs by sex and is mediated by body weight *abs# 200*

Andrea Lamprecht

J. Sorbello, C. Jang, D. Torpy, W.J. Inder
Pituitary function in patients taking oral or transdermal opioid analgesics for non-cancer pain *abs# 201*

Serena Menezes

O. Narayan, S. Gwini, J. Shen, J. Yang, M. Young
24-hour blood pressure profile may distinguish primary aldosteronism from essential hypertension *abs# 202*

Sarina Lim

A. Conway, V. Jayadev, S. Savkovic, C. Fennell, L. Turner, D. Handelsman
Clinical features of female to male (FTM) transgender. *abs# 203*

Matthew Luttrell

E. Jackson, E. Hibbert
A retrospective audit of performance and image enhancing drug (PIED) use and associated biochemical and haematological abnormalities amongst visitors to a needle exchange clinic in Western Sydney *abs# 204*

Erin Fanning

E. Mackenzie, W. Inder
Radioiodine for graves disease a 10 year retrospective cohort study *abs# 205*

Aditi Nevgi

M. Mond, J. Wong

Clinical audit in the use of low versus high dose radioactive iodine in thyroid cancer: a local viewpoint
abs# 206

Andrea Fernandes

K. Sangla, V. Vanagveti, A. Binte, S. Ganagalla

Audit of characteristics of patients with low serum alkaline phosphatase levels *abs# 207*

Tarryn Sohn

Y. Chan, G. Wittert, M. Grossmann, W. Inder, D. Jesudason, M. Ng, K. Bracken, B.B. Yeap

Motivation, willingness and engagement in healthy behaviours in overweight men at high risk of diabetes participating in the testosterone for type 2 diabetes prevention in men (T4DM) study *abs# 208*

Olivia Coleman

S.K. Ramchand, B. Yeo, V. Wong, C. Luk, J.D. Zajac, M. Grossmann

Prevalence of secondary causes of bone loss in women treated with adjuvant endocrine therapy for breast cancer *abs# 209*

Sylvia F Xu

D. Renouf

A retrospective audit of secondary fracture prevention at Peninsula Health *abs# 210*

Katherine English

V. Chikani, G. Dimeski, W. Inder

Elevated insulin like growth factor 1 in Cushing's disease *abs# 211*

Olivia Ooi

A.S. Cheung, D. Davidoff, I. Bretherton, M. Grossmann, J.D. Zajac

Clinical characteristics of trans and gender diverse individuals attending specialist endocrinology clinics.
abs# 212

Jennifer Yeh

A.S. Cheung, S. Lin, D. Lim Joon, J.D. Zajac, M. Grossmann

Decrease in number of men being commenced on androgen deprivation therapy for prostate cancer at a tertiary referral hospital over time. *abs# 213*

Alice Y Hong

M. Shanahan, T. Schenberg, W. Inder, R.J. MacIsaac, P. James, N. Sachithanandan

Outcomes of long-term surveillance of succinate dehydrogenase mutation carriers followed in a familial endocrine cancer clinic *abs# 214*

Nisa Sheriff

A. McCormack, Q. Lam, C. Lim, I. Bretherton, B. McWhinney, S. Hepburn, C. White, C. Chiang

Conundrum in Cushing's: UFC measured concurrently on three methods *abs# 215*

Nandini Shankara Narayana

I. DiPierro, C. Fennell, L.P. Ly, S. Savkovic, L. Turner, F. Bacha, L. Vrga, V. Jayadev, A.J. Conway, D. Handelsman

Sperm cryopreservation to insure fertility for men having gonadotoxic treatment: single centre experience over 4 decades *abs# 216*

Hikaru HH Hashimura

J.J. Shen, P.P. Fuller, N.N. Chee, J.J. Doery, W.W. Chong, K.K. Choy, S.S. Gwini, J.J. Yang

Can the saline suppression test predict the subtype of primary aldosteronism? *abs# 217*

Nisa Sheriff

S. De Sousa, N. Manzoor, V. Toogood, J. Greenfield, G. Jones, A. McCormack

Chicken or the egg: cortisol dysregulation is frequent but overt Cushing's syndrome is rare in an unselected type 2 diabetes population *abs# 218*

Eleanor P Thong

P. Wong, A. Dev, P.R. Ebeling, H. Teede, F. Milat

Increased prevalence of frequent hypoglycaemia and fracture in young adults with concomitant type 1 diabetes mellitus and coeliac disease *abs# 219*

Ailie B Connell

A.R. McNeil

Development of a simple method for reporting cortisol and aldosterone results and ratios after adrenal vein sampling *abs# 220*

Melina Bagala

P. Meikle, C. Yap, N. Mellett, G. Stone, N. Cheung, S. Lau, M. McLean, V. Birzneice

Maternal circulating lipid species predict babies large for gestational age independent of GDM *abs# 221*

Lisa K Akison

L.A. Gallo, J.L. Barclay, A. Zhuang, C. Chen, A.K. Fotheringham, K.M. Moritz

Glucose and insulin profiles during an oral glucose tolerance test (oGTT) are similar between fed and fasted states in a cohort of university students. *abs# 222*

Lisa K Akison

L.A. Gallo, J.L. Barclay, D. Burgess, S. Keshvari, A.K. Fotheringham, K.M. Moritz

Body composition to estimate percentage fat mass: Comparisons between common clinical methods and gold-standard air displacement plethysmography (BODPOD) in a cohort of university students. *abs# 223*

Dahlia Davidoff

J. Burgess

Primary hyperparathyroidism in multiple endocrine neoplasia type 1: clinical significance and threshold for intervention *abs# 224*

Stephen Twigg

C. Mathieu, B. Bode, E. Franek, A. Philis-Tsimikas, L. Rose, T. Graungaard, A. Østerskov, D. Russell-Jones

Efficacy and safety of fast-acting insulin aspart are maintained over 52 weeks: comparison with insulin aspart in onset 1 *abs# 225*

Stephen Twigg

A. Philis-Tsimikas, B. Bode, E. Franek, L. Rose, K. Buchholtz, M. Demissie, T.R. Pieber

Improved glycaemic control with carbohydrate counting for adjustment of fast-acting insulin aspart versus insulin aspart in subjects with type 1 diabetes *abs# 226*

Danish Mahmud

R. Iyer, C. Droste

Radioactive iodine (RAI) therapy for hyperthyroidism: An audit of safety and effectiveness. *abs# 227*

Malcolm Prentice

The causes of deaths and adverse events in inpatients with Diabetes Insipidus. A suggested strategy for electronic prescribing and a change of name to Pituitary Insipidus to improve safety. *abs# 228*

Nely Shrestha Khatri

S. Vasikaran, E. Gianatti, M. Wilson, E. Hamilton

A rare case of hypercalcemia associated with cryptococcal infection and immune reconstitution inflammatory syndrome with low 1, 25-dihydroxyvitamin D *abs# 229*

Thomas J Ulahannan

A. San

Audit of inpatient glucose control in a regional Queensland hospital *abs# 230*

CLINICAL CASE STUDY POSTERS**Senthil Thillainadesan**

T. Chua, M. Ly*, K. Wynne*

From renal salt-wasting to SIADH: a case report *abs# 231*

Katie Wynne

R. Wallbank

Chromosomes, hormones and gender: transsexualism in a patient with Klinefelter syndrome *abs# 232*

Meg Henze

M.M. Page, P. Fegan

Clinical and laboratory aspects of the effects of danazol on adrenal and sex hormone levels *abs# 233*

Jessica Lai

N. Niles, N. Lau

As clear as mud: an atypical case of primary hyperparathyroidism *abs# 234*

Dev A Kevat

A.K. Watts, N.S. Weber, P. Hamblin

Vanishing acromegaly *abs# 235*

Rakesh Iyer

S.F. Mok, S. Savkovic, L. Turner, G. Fraser, R. Desai, V. Jayadev, A.J. Conway, D.J. Handelsman

Pharmacokinetics of testosterone administered to scrotal skin *abs# 236*

Thomas J Ulahannan

M. D'Emden

Sustained, successful treatment of diabetes in lipodystrophy by dapagliflozin *abs# 237*

Walter E Plehwe

Central serous retinopathy: an uncommon presentation of Cushing's syndrome. *abs# 238*

Thora Chai

S. Jiang, N. Wilcken, S. Lim-Tio

Acute hyponatraemic encephalopathy secondary to adjuvant cyclophosphamide for breast cancer *abs# 239*

Tamara Y Milder

J. Greenfield, G. Matthews, J. Center

Hypophosphataemic osteomalacia induced by tenofovir disoproxil fumarate *abs# 240*

Kathryn Berkman

N. Ranjit Anderson, R. Cuneo

Jugulotympanic paraganglioma and thymoma co-occurrence in a patient with SDHA mutation *abs# 241*

Marcus Asokendaran

R. Gauci

Suspected parathyroid carcinoma staged with 18F-Fluorocholine PET CT. A case report. *abs# 242*

Bianca Nightingale

C. Scott, D. Heyworth-Smith, G. Hockings

To biopsy or not to biopsy *abs# 243*

Yu-Chin Lo

A. Sinha, A. McLean, K. Ganda

A case of seriously sore back after Denosumab discontinuation *abs# 244*

Hui Yi HN Ng

E.E. Hibbert

Diabetes mellitus: expect the unexpected? *abs# 245*

Christopher Muir

R. Mansberg, R. Russo, R. Boyle, F. Bonar, B. Crawford

Recurrent minimal trauma fractures in an atypical case of tumour-induced osteomalacia *abs# 246*

Natassia Rodrigo

B. Champion

Non-obstructive azoospermia: a case of sertoli cell only syndrome *abs# 247*

Senthil Thillainadesan

S. Acharya

Thyrotoxic periodic paralysis: an under-recognised complication of thyrotoxicosis *abs# 248*

Uyen N Pham

A. Morton, N. D'Silva

An unusual case of panhypopituitarism and infundibulo-hypophyseal enlargement. *abs# 249*

Andrea Fernandes

S. Carnelio, D. Heyworth-Smith

The eyes have it *abs# 250*

Kyaw Thura

S.H. Hlaing, V. Sannarangappa

Limbic stem cell deficiency in a patient with autoimmune polyglandular syndrome type 1 *abs# 251*

Kyaw Thura

R. Arenson

Addison's disease presenting with hypercalcaemia *abs# 252*

Jane J Tellam

I. Bonapart, D. Gowda, S.J. Cook

Acute hyponatraemia with an unexpected aetiology *abs# 253*

Shan Jiang

T. Wong, J. Flack

Cetuximab induced hypocalcaemia, hypomagnesaemia and hypoparathyroidism *abs# 254*

Veronica Boyle

K. Sullivan, T. Dwright, D. Benn, A. Gill, R. Clifton-Bligh, M. Croxson

Expanding the phenotype of the fumarate hydratase germline mutation familial cancer syndrome *abs# 255*

Alice Y Hong

A. Graf, M. Lee, D. Jayawardene, D.A. Pattison, R.J. MacIsaac, N. Sachithanandan
Two cases of adrenocortical carcinoma *abs# 256*

Thomas H Chesterman

J. Stranks, P. Mah

A previously well young woman who developed central diabetes insipidus after influenza vaccination *abs# 257*

Thomas Ulahannan

Management of metabolic complications after gastric bypass in type 1 diabetes *abs# 258*

Deila Dedic

C. Boyder, J. Joseph, R. Zhang, C. Choong, E. Lim

Close contact of an endocrinological kind *abs# 259*

Dilan Seneviratne Epa

M. Moore, S. Sztal-Mazer

A complex case of permanent hypoadrenalism with high dose glucocorticoid (HDGC) use for immune related adverse events (irAEs) of checkpoint inhibitors *abs# 260*

Josephine McCarthy

C. Yates

The molecular imaging of insulinomas *abs# 261*

Danish Mahmud

R. Iyer

The enigmatic triad of diabetic ketoacidosis, severe hyper-triglyceridaemia and acute pancreatitis: A case report and review of the literature. *abs# 262*

Jennifer Snaith

D. Chipps

Unusual patterns of endocrine irAEs in patients receiving checkpoint inhibitor immunotherapies *abs# 263*

Yang Du

C. Karapetis, W.J. Braund

Non-insulinoma pancreatogenous hypoglycaemia in adults (adult nesidioblastosis). When distal pancreatectomy fails to effect improvement, consider using everolimus. *abs# 264*

Matti Gild

M. Field, R. Clifton-Bligh

Pseudopseudopseudohypoparathyroidism *abs# 265*

Anna Wood

A. Yeung, P. Fuller

A case of familial primary adrenal insufficiency, impaired spermatogenesis and hypogonadotropic hypogonadism *abs# 266*

Dilshani DJ Jayawardene

R.R. Wong, C.C. Gilfillan

A case of severe post-prandial hypoglycaemia following gastric bypass surgery *abs# 267*

Diana MacKay

S. Chitturi

A curious case of hypocalcaemia *abs# 268*

Mina Mohammad Ebrahim

C. Gilfillan , R. Wong

Sellar and suprasellar masses: pituitary metastasis as an important differential *abs# 269*

Matthew Luttrell

Z. Apostoloski

Composite Pheochromocytoma: 2 cases *abs# 270*

Jennifer Snaith

D. Chipps

Will this ever end? Recurrent hypoglycaemia due to insulinomatosis *abs# 271*

Elizabeth George

F. Gunawan, A. Roberts

Immunotherapy induced endocrinopathies: the dilemmas of modern melanoma treatments. *abs# 272*

Elizabeth George

N. Harrison

Severe pancreatic allograft associated hypoglycaemia captured on an ambulatory continuous glucose monitoring system *abs# 273*

Pieter M Jansen

R. Malasingam, S.T. Wood, M. Stowasser

Two for the price of one: unravelling a complex case of resistant hypertension. *abs# 274*

Eugenie S Lim

J.T. Ho

An unusual cause of headaches in an adolescent *abs# 275*

Katherine English

W. Inder

The good the bad and the ugly of metastatic adrenocortical cancer *abs# 276*

Michele Bardin

P. Colman, C. Yates

Sella Dweller *abs# 277*

Brendan J Nolan

J.D. Zajac

The great masquerader: complications of severe catecholamine excess *abs# 278*

Rahul Barmanray

A. Shen, C. Seymour, P. Colman

Genetic Acromegaly: A tale of two tumours *abs# 279*

Natassia Rodrigo

S. Hocking

Transient diabetes insipidus in a postpartum woman with preeclampsia associated with residual placental vasopressinase activity *abs# 280*

Ahmed Hussein

A. Duke, M. Mclean, T. Hng

Precipitation of type 1 diabetes with anti-PD-1 immunotherapy *abs# 281*

Deniz Kuzulugil

Changing times: pituitary apoplexy *abs# 282*

Amy Harding

J. Dong, A. Watts, C. Yates

Vanishing non functioning pituitary macroadenoma *abs# 283*

Thomas Chesterman

A. Zimmermann, P. Mah, P. Vora

Profound hypocalcaemia following Denosumab for metastatic prostate carcinoma; an under-recognised and potentially fatal complication *abs# 284*

Nele Lenders

D. McLeod

Rapidly expanding Prolactinoma *abs# 285*

Anneke Graf

M. Daly, P. McKelvie, P. McNeill, Y. Wang, C. Caputo

Malignant sarcoma after irradiation for an aggressive non-functioning pituitary adenoma *abs# 286*

Brigette Clarke

M. Burt, N. Poplawski

Primary hyperparathyroidism in a young woman: Implications for genetic testing for CDC73 mutations *abs# 287*

Alicia Jones

B. Krishnamurthy

Diabetes insipidus and pituitary stalk thickening: wading through the water and concentrating the evidence *abs# 288*

Krupali Bulsari

L. Conway, W. Inder, L. Hayes, V. Chikani, P. Marlton, D. Wilkinson

Managing thyroid storm in a patient with carbimazole-induced agranulocytosis *abs# 289*

Nithin Kolanu

S. Perampalam

A case of untreated Hypopituitarism: Effects and current challenges *abs# 290*

GENE REGULATION POSTERS

Sarah C Moody

S. Wakitani, K. Loveland

Investigating the impact of activin A on the epigenetic regulation of male fetal germ cells *abs# 291*

Tamara Treleaven

M.B. Morris, M.L. Day

Expression of L-Proline transporters in early embryo development *abs# 292*

Yi-An Ko

M.B. Jamaluddin, P.S. Tanwar

Extracellular matrix (ECM) and Wnt signalling nexus in human uterine leiomyomas *abs# 293*

GROWTH FACTORS/CYTOKINES/IMMUNE SYSTEM POSTERS

Ali A Aflatounian

A.A. Moeini, R.R. Aflatoonian

Evaluating the expression levels of Toll Like Receptor 9 (TLR 9) in women with endometriosis and its comparison with normal endometrium *abs# 294*

Kevin Danastas

E.J. Miller, A.J. Hey-Cunningham, C.R. Murphy, L.A. Lindsay

The potential role of VEGF111 and other VEGF isoforms in the development of endometriosis *abs# 295*

MALE REPRODUCTIVE TRACT POSTERS

Jared Mamrot

S. Mamrot, M. Weybury, L. Wiadrowski, P. Temple-Smith, H. Dickinson

Anatomy and physiology of the male reproductive tract in the spiny mouse (*Acomys cahirinus*) across the lifespan. *abs# 296*

OOCYTE/FOLLICLE DEVELOPMENT/CORPUS LUTEUM POSTERS

Zhe Wei

H. Homer

Cyclin B1 is controlled at the translational level in small oocytes from pre-antral follicles *abs# 297*

Yu-Hsin Peng

Y. Chang, T. Tsai, J. Hwang

Potential involvement of Sirt1–PGC-1 α –Sirt3 modulating mitochondrial NADPH–NADH balance in association with FSH and TGF β 1-induced P450 scc complex activity in ovarian granulosa cells *abs# 298*

PITUITARY/GONADAL AXIS POSTERS

Julie-Ann P De Bond

J.T. Smith

The response in *Kiss1r* KO mice to peripheral ghrelin or leptin administration *abs# 299*

PREGNANCY/PARTURITION/PLACENTA POSTERS

Kerry Richard

K.A. Landers, H. Li, M.C. d'Emden

Identification of a placental transthyretin receptor and its role in placental transfer of transthyretin and thyroid hormone *abs# 300*

Prabha Andraweera

C. Roberts, S. Leemaqz, L. McCowan, J. Myers, L. Kenny, J. Walker, L. Poston, G. Dekker

The duration of sexual relationship and its effects on adverse pregnancy outcomes *abs# 301*

RECEPTORS/SIGNAL TRANSDUCTION POSTERS**Wei-Ling Fang**

W. Lai, Y. Peng, T. I, J. Hwang

Crucial role of P2X7 receptor-pannexin1 in FSH and TGF β 1 regulation of ovarian steroidogenesis *abs# 302*

SPERMATOGENESIS/SPERM FUNCTION POSTERS**Tayler Catherine Kent**

T. Hyndman, D. Miller, A. Barnes

Effect of ginseng extract on sperm characteristics in merino rams *abs# 303*

Brendan Houston

B. Nixon, J. Martin, K. McEwan, E. Bromfield, G. De Iuliis, J. Aitken

Whole body heating induces oxidative stress and DNA fragmentation in the male germ line *abs# 304*

Rashid Aldahhan

J. Muir, S. Hayward, P. Stanton, M. Hedger, D. de Krester

The effects of experimental cryptorchidism on spermatogenesis and inhibin-related protein production in the adult rat *abs# 305*

Christiane Pleuger

D. Fietz, W. Weidner, H. Schuppe, S. Kliesch, M. Baker, M. O'Bryan, M. Bergmann

The role of CBE1 (ciliated bronchial epithelium 1) during spermatogenesis *abs# 306*

Geoffry N De Iuliis

Causes and consequences of oxidative damage in the male germ line *abs# 307*

UTERUS/PLACENTA/IMPLANTATION POSTERS**Chad L. Moore**

S. Dowland, L.A. Lindsay, C.R. Murphy

Stage-specific localisation of keratin intermediate filaments in uterine epithelial cells during normal pregnancy and ovarian hyperstimulation in the rat *abs# 308*

Premila Paiva

J. Donoghue, J. Fung, S. Holdsworth-Carson, J. Girling, G. Montgomery, P. Rogers

Identifying roles for the endometriosis risk gene vezatin in human endometrium *abs# 309*

Leigh Nicholson

Expression of focal adhesion-associated proteins during early pregnancy for indicator of metastatic potential *abs# 310*

OTHER POSTERS

Kavita Panir

E. Greaves, J. Schjenken, S. Robertson, M. Hull

MicroRNA-155 deficiency increases lesion development in a mouse model of endometriosis *abs# 311*

Mashitah Shikh Maidin

N. Abdul Halim, R. Nulit

Survey on feeding managements and reproductive status of different goat breeds in Peninsular Malaysia *abs# 312*

Nadia Bellofiore

J. Evans, P. Temple-Smith, H. Dickinson

Increased anxious behaviour during the premenstrual phase in the spiny mouse *abs# 313*

SRB - HUDSON ECR POSTER PRIZE FINALISTS

Sarah J Delforce

E.R. Lumbers, M. Lappas, T. Zakar, K.G. Pringle

The role of the prorenin/(P)RR interaction in fetal membrane integrity *abs# 314*

Jessica LH Walters

B. Nixon, G. De Iuliis, M. Dun, E. Bromfield

Characterisation of 15 arachidonate lipoxygenase as a contributing factor to oxidative stress in human spermatozoa *abs# 315*

Holly M Groome

P. Chin, E.S. Green, R.L. Wilson, C.T. Roberts, S.A. Robertson

Macrophage regulation of vascular remodelling is required for placental development in mice *abs# 316*

Sophea Heng

J. Evans, L. Salamonsen, T. Jobling, G. Nie

Post-translational removal of α -DG-N is important for early stage endometrial cancer development *abs# 317*

Aleona Swegen

J. Aitken, N.D. Smith, Z. Gibb

The serine protease testisin and its role in functional maturation of equine spermatozoa *abs# 318*

SRB - HUDSON MCR POSTER PRIZE FINALISTS

Stella Liong

G. Barker, M. Lappas

The role of bromodomain protein 4 on the pathophysiology of preeclampsia *abs# 319*

Fiona Cousins

J. Deane, C. Gargett

Stem/progenitor cells contribute to luminal epithelial repair following endometrial breakdown in a mouse model of menses. *abs# 320*

Laura Lindsay

S. Dowland, R. Madawala, C. Murphy

Morphological differences in uterine epithelial cells after ovarian hyperstimulation – ‘Receptive’ or ‘Non-Receptive’ at the time of implantation *abs# 321*