

QRW Programme

Reproductive Biology Satellite

Sunday the 3rd – Monday the 4th of September, 2017

Rydges Hotel, Queenstown, New Zealand

Sunday 3 September

Time	Details	Location
9.00am – 10:00am	The Centre for Neuroendocrinology sponsored Plenary lecture: Ursula B. Kaiser, MD (RB1) Brigham and Women's Hospital and Harvard Medical School, USA <i>Pubertal disorders: A window into the neuroendocrine control of reproductive development and fertility</i>	QT 2
10.00am - 10.30am	Morning Tea	Trades Area
<u>Gametogenesis, Steroidogenesis and Gonadal Steroid Actions</u> Chaired by Dr Rebecca Campbell (Otago)		
10:30am - 11:00am	A/Prof Robert B. Gilchrist (RB2) University of New South Wales, Australia <i>In vitro maturation of oocytes: culture systems tailored for oocytes from growing antral follicles</i>	QT 2
11:00am - 11:30am	Prof Eileen McLaughlin (RB3) sponsored by Agilent University of Auckland, New Zealand <i>Dynamin 2 is essential for mammalian gametogenesis</i>	QT 2
11:30am - 12:00pm	Dr Janet Pitman (RB4) University of Victoria, New Zealand <i>The follicular microenvironment during oocyte maturation</i>	QT 2
12:00pm - 12:30pm	A/Prof Mark Baker (RB5) University of Newcastle, Australia <i>Splicing up your sex life; Why men are failing to produce in the bedroom</i>	QT 2
12:30pm - 1:30pm	Lunch	Trades Area
<u>Fertilization, Fertility and Infertility Disorders</u> Chaired by Dr Janet Pitman (Victoria)		
1:30pm – 2:00pm	Dr Jenny Juengel (RB6) AgResearch, New Zealand <i>Regulation of follicular growth and ovulation rate: insights from sheep</i>	QT 2
2:00pm - 2:30pm	A/Prof Greg Anderson (RB7) sponsored by Thermo Fisher Scientific University of Otago, New Zealand <i>Dissecting leptin actions on the central pathways controlling puberty</i>	QT 2
2:30pm – 3:00pm	Dr Michael Pankhurst (RB8) University of Otago, New Zealand	QT 2

	<i>Overexpression of AMH inhibits secondary ovarian follicle development in vivo</i>	
3:00pm - 3:30pm	Prof Ray Rodgers (RB9) University of Adelaide, Australia <i>PCOS - The ignored syndrome!</i>	QT 2
3:30pm – 4:00pm	Afternoon tea	Trades Area
4:00pm - 4:30pm	Dr Kirsty Walters (RB10) <i>sponsored by Mediray</i> University of New South Wales, Australia <i>Does androgen excess have an etiological role in polycystic ovary syndrome (PCOS)?</i>	QT 2
4:30pm – 5:00pm	Dr Rebecca Campbell (RB11) <i>sponsored by In Vitro Technologies</i> University of Otago, New Zealand <i>Polycystic ovary syndrome (PCOS): Is it all in our heads?</i>	QT 2
5:00pm - 6:30pm	Poster Session Social Mixer <i>sponsored by BGI</i>	Trades Area
7:00pm	Conference Dinner at Winnie's	Winnies, 7 – 9 The Mall, Queenstown

Monday 4 September

Time	Details	Location
<u>Implantation, Pregnancy & Embryogenesis,</u> Chaired by Prof Andrew Shelling (Auckland)		
9:00am – 9:30am	Dr Lynsey Cree (RB12) <i>sponsored by Mediray</i> University of Auckland, New Zealand <i>Non-invasive testing of embryo quality during IVF</i>	QT 2
9:30am – 10:00am	Dr Erin Macaulay (RB13) University of Otago, New Zealand <i>Profiling the placental epigenome in pre-eclampsia to predict pregnancy outcomes</i>	QT 2
10:00am - 10:30am	Morning Tea	Trades Area
10:30am - 11:00am	Prof Dave Grattan (RB14) <i>sponsored by Scimed</i> University of Otago, New Zealand <i>Central adaptations to pregnancy</i>	QT 2
11:00am - 11:30am	Prof Cynthia Farquar (RB15) University of Auckland, New Zealand <i>Should New Zealand support human embryo research?</i>	QT 2
11:30am - 12:00pm	Dr Dean Morbeck (RB16) Fertility Associates, New Zealand <i>The ethical and biological implications of human oocyte freezing</i>	QT 2

	Selected Short Talks	
12:00pm - 12:15pm	Dr Joanna James (RB17) University of Auckland, New Zealand <i>What are the paracrine contributions of mesenchymal stem/stromal cells to placental vascularisation?</i>	QT 2
12:15pm - 12:30pm	Dr Megan Wilson (RB18) University of Otago, New Zealand <i>Minor changes to gene expression during mouse embryonic gonadal development, have long-term consequences for reproductive function in the adult</i>	QT 2
12:30pm - 2:00pm	Lunch	Trades Area
The Otago School of Biomedical Sciences sponsored session: The Future of Fertility: New Technology, Applications and Ideas Chaired by Dr Michael Pankhurst (Otago)		
2:00pm - 2:30pm	Prof Andrew Shelling (RB19) <i>sponsored by Bio-Strategy</i> University of Auckland, New Zealand <i>Fertility awareness</i>	QT 2
2:30pm – 3:00pm	Dr Debra Gook (RB20) University of Melbourne, Melbourne IVF <i>Female fertility preservation</i>	QT 2
3:00pm - 3:30pm	Prof Antoni Duleba (RB21) University of California, San Diego, USA <i>Resveratrol: Potential role in treatment of PCOS</i>	QT 2
3:30pm – 4:00pm	Afternoon tea	Trades Area
	Selected Short Talks	
4:00pm – 4:15pm	Dr Bjorn Oback (RB22) AgResearch, New Zealand <i>Towards 'natural AI': generating allogeneic sperm in the testis of genetically sterilised sheep</i>	QT 2
4:15pm - 4:30pm	A/Prof Lisandra Martin (RB23) Monash University, Australia <i>Evolutionary comparisons of cytochrome P450 aromatase: structural insight into activity</i>	QT 2
4:30pm - 4:45pm	Dr Jenny Clarkson (RB24) University of Otago, New Zealand <i>The role of arcuate nucleus kisspeptin neurons in the generation of luteinising hormone pulses</i>	QT 2
4:45pm	Closing Remarks	QT 2
6.00pm - 7.00pm	6.00pm Opening Remarks 6.15pm Plenary talk Nobel prize winner Dr Bruce Beutler - 2011 Nobel Prize in Physiology or Medicine, for "discoveries concerning the activation of innate immunity" University of Texas, USA <i>Sponsored: University of Otago</i>	Queenstown Room
7.00pm – 9.00pm	Opening Night Mixer <i>sponsored by Merck & pH Scientific</i>	Trades Area, Rydges Hotel

We are extremely grateful for the support of our sponsors, including Queenstown Research Week sponsors and our Satellite specific sponsors.

Sponsors of the QRW Reproductive Biology Satellite meeting include: **Medi'Ray**, the **Centre for Neuroendocrinology**, the **Maurice & Phyllis Paykel Trust**, and the **Otago School of Biomedical Sciences**.



Organising committee:

- Rebecca Campbell (University of Otago, Chair)
- Andrew Shelling (University of Auckland)
- Lynsey Cree (University of Auckland)
- Michael Pankhurst (University of Otago)
- Cynthia Farquar (University of Auckland, Fertility Plus)
- Janet Pitman (Victoria University of Wellington)
- Dave Grattan (University of Otago)