


QRW Programme
Hypothalamic Neuroscience and Neuroendocrinology Australasia
 Thursday August 31st – Friday September 1st, 2023
 Rydges Hotel, Queenstown, New Zealand

Thursday August 31st			
Abstract	Time	Details	Location
	8:45	Welcome and Introduction : Zane and Dave	Clancy's Room
	9:00 – 10:00	Opening Plenary: Holly Ingraham <i>A Novel Brain-Derived Anabolic Bone Hormone Identified in Lactating Females</i> Chair: Dave Grattan	Clancy's Room
	10:00-10:30	Morning tea	Trade Area
	10:30- 12:30	Session 1: Chair: Zane Andrews <i>Stress and how organisms handle it</i>	Clancy's Room
H1	10:30-10:50	Karl Iremonger <i>Dissociation of central and peripheral stress responses</i>	Clancy's Room
H2	10:50-11:10	Lizzie Manning <i>Characterizing a hypothalamic pathway connecting stress and action control circuits</i>	Clancy's Room
H3	11:10-11:40	Justine Fam <i>The effects of oxytocin receptor stimulation in the amygdala and nucleus accumbens on aversive and appetitive conditioning</i>	Clancy's Room
H4	11:40-12:00	Nikki Lee <i>Altered function of arcuate leptin receptor expressing NPY neurons depending on energy balance</i>	Clancy's Room
H5	12:00-12:10	Isaac Tripp <i>Investigating the role of CRH neurons in the selection of defensive behaviours</i>	Clancy's Room
H6	12:10-12:20	Alex Reichenbach <i>Acute stress regulates AgRP neuronal activity</i>	Clancy's Room
H7	12:20-12:30	Calvin Young <i>Whole-brain activity mapping of stress in the zebrafish</i>	Clancy's Room
H8	12:30-12:40	Emmet Power <i>Controlling stress at the terminal</i>	Clancy's Room
	12:40-1:30	Lunch	Trade Area

	1:30-3:30	Session 2: Chair: Caroline Decourt <i>Reproduction and metabolism crosstalk</i>	Clancy's Room
H9	1:30-2:00	Stephanie Correa <i>Feeding Neurons Integrate Metabolic and Reproductive States in Mice</i>	Clancy's Room
H10	2:00-2:20	Adam Hagg <i>Inhibin deficiencies promote adiposity in female mice</i>	Clancy's Room
H11	2:20-2:40	Rosie Brown <i>Rewarding Mum: understanding hormonal regulation of reward behaviour in mothers</i>	Clancy's Room
H12	2:40-3:00	Greg Anderson <i>Multiple metabolic cues for fine-tuning puberty onset</i>	Clancy's Room
H13	3:00-3:10	Zsaleyá Sword-Tua <i>Developing a permanent sterilization strategy for mammalian pest species using a cell-targeting approach</i>	Clancy's Room
H14	3:10-3:20	Kennedy Stevenson <i>Spironolactone modulation of hyperandrogenism: a potential treatment for polycystic ovary syndrome</i>	Clancy's Room
H15	3:20-3:30	Sushanth Yadhav <i>A cytotoxic cell-targeting approach to induce sterility in predator species of Aotearoa.</i>	Clancy's Room
	3:30-4:00	Afternoon tea	Trade Area
	4:00-5:10	Session 3: Chair: Jenny Clarkson <i>Metabolic control</i>	Clancy's Room
H16	4:00-4:30	Dong Kong <i>Genetic and Optic Dissection of the Hypothalamic Function in Metabolism</i>	Clancy's Room
H17	4:30-4:50	Lei Zhang <i>Important role of brainstem NPFF neurons in the regulation of energy metabolism and thermogenesis</i>	Clancy's Room
H18	4:50-5:00	Alex Tups <i>A dahlia flower extract has anti-diabetic properties by improving insulin function in the brain</i>	Clancy's Room
H19	5:00-5:10	Rebecca Lord <i>Neuronal deletion of STAT3, but not ERK2, causes obesity and delayed puberty onset in mice</i>	Clancy's Room
	5:10-6:30	Evening Social Function <i>Sponsored by Lonza Cell and Gene</i>	Trade Area
	7:00-9:00	Dinner: The London sponsored by abcam (food to be served from 7.30pm)	The London, 36 Shotover St

Friday September 1st			
Abstract	Time	Details	Location
	9:00-10:00	Plenary: Herbert Herzog <i>Critical role of lateral habenula circuits in the control of stress-induced palatable food consumption</i> Chair: Yan Shi	Clancy's Room
	10.00-10.30	Morning tea	Trade Area
	10:30- 12:30	Session 4: Chair: Joon Kim <i>Fluid, salt and blood pressure</i>	Clancy's Room
H20	10:30-10:50	Bowen Dempsey <i>Phox2b medullary centres motorise feeding</i>	Clancy's Room
H21	10:50-11:10	Phil Ryan <i>The role of the parabrachial nucleus in regulating fluid intake</i>	Clancy's Room
H22	11:10-11:30	Yan Shi <i>The role of hypothalamic NPY in salt-induced hypertension and energy expenditure</i>	Clancy's Room
H23	11:30-11:50	Colin Brown <i>The role of baroreflex regulation of vasopressin neuron activity in the development of hypertension</i>	Clancy's Room
H24	11:50-12:00	Alice Biggs <i>Do prolactin-sensitive neurons regulate the expression of stress responses in female mice?</i>	Clancy's Room
H25	12:00-12:10	Sarah Lockie <i>Brain metabolic circuits in cancer cachexia</i>	Clancy's Room
	12:10-12:40	Annual General Meeting, Chair: Sarah Lockie	Clancy's Room
	12:40-1:30	Lunch	Trade Area
	1:30-3:30	Session 5: Chair: Claire Foldi <i>Other pressures on homeostasis: cognition, reward and olfaction</i>	Clancy's Room
H26	1:30-1:50	Den Begg <i>The effect of vertical sleeve gastrectomy on feeding mediated by AgRP/NPY neurons</i>	Clancy's Room
H27	1:50-2:10	Mike Garratt <i>Olfactory perception and energy metabolism</i>	Clancy's Room
H28	2:10-2:30	Mike Kendig <i>Cognitive and metabolic effects of diet cycling in rodents</i>	Clancy's Room
H29	2:30-2:40	Felicia Reed <i>Dopamine and reward: A novel mechanism contributing to the cognitive enhancing effects of psychedelics</i>	Clancy's Room
H30	2:40-2:50	Tapasya Pal <i>Dynamics of MPOA prolactin receptor-expressing neurons in freely behaving mice</i>	Clancy's Room
H31	2:50-3:00	Leigh Walker	Clancy's Room

		<i>The Edinger-Westphal nucleus: GHSR mediates sex differences in midbrain neuropeptide control of binge drinking</i>	
H32	3:00-3:10	Jamie McQuillan <i>Investigating the role of prolactin sensitive medial preoptic neurons in driving paternal behaviour in mice: first steps and surprises</i>	Clancy's Room
H33	3:00-3.20	Chantelle Murrell <i>AgRP neuron activity throughout the estrus cycle</i>	Clancy's Room
	3:20-3:30	Presentation of Argotech student presentation prize and final words Chair: Zane Andrews 	Clancy's Room