

Zane Andrews is a Professor at Monash University in the Department of Physiology and the Deputy Head of the Metabolism, Diabetes, and Obesity Program at the Monash Biomedicine Discovery Institute. He is the Deputy Editor at *Endocrinology* and a Senior Editor at the Journal of Neuroendocrinology. He received his PhD in New Zealand at the University of Otago in 2003 and is currently a National Health Medical Research Council Senior Research Fellow. Professor Andrews uses mouse and viral genetic techniques to study how food or the lack of food affects behaviour and peripheral metabolism. He is primarily interested in understanding the neural circuits that sense hunger or hypoglycemia and influence metabolism, mood and motivation. His group uses modern neuroscience techniques such as in vivo calcium imaging, optogenetics and chemo-genetics to probe the physiological and behavioural function of neural circuits. His group focuses on the hormone ghrelin as a key hormonal signal of hunger and AgRP neurons as key hunger-sensing neurons in the brain and his research over a number of years shows that hunger influences peripheral metabolism as well as many non-food associated behaviours such as anxiety and neuroprotection.