



# APSA 2021 18<sup>TH</sup> BIENNIAL CONFERENCE

Australasian Pig Science  
Association (Inc)

Sofitel Brisbane, Australia

15<sup>th</sup> - 18<sup>th</sup> November 2021



## Dr Nikki Kells



### ***The five domains model and the positive welfare state in pigs***

Dr Nikki Kells is a Senior Lecturer in Animal Welfare in the Animal Welfare Science & Bioethics Centre at Massey University. She completed a MSc looking at gas alternatives to carbon dioxide for on-farm euthanasia of pre-weaned piglets. This was followed by a PhD investigating acute and chronic pain associated with tail docking of piglets, along with strategies to mitigate this. Dr Kells' current research interests include evaluation of affective states in animals using electrophysiological and behavioural paradigms, improved techniques for humane slaughter and killing of farm and companion animals, development of prolonged acting analgesia for animal husbandry, and development of welfare assessment tools for farmed animals, including fish.