The Australian Lung Foundation/Ludwig Engel Grant-in-aid for Physiological Research

Recipient: Dr Danny Eckert   Value: $3,000

Project title: Physiological strategies to optimise treatment response in obstructive sleep apnoea patients with a low arousal threshold: A novel therapeutic approach.

Obstructive sleep apnoea (OSA) is a common disorder associated with major co-morbidity. Despite its high prevalence and well known consequences treatment remains unacceptable. While the current primary treatment (continuous positive airway pressure; CPAP) is effective, it is poorly tolerated by many patients with long-term failure rates typically 50% or higher. Thus, the important objective of this research is the identification of novel targets and defining which patients are most likely to respond to non-CPAP approaches.