

Dr James Knox (Microbiology) 2015 RCPA Foundation Research Grant-in-Aid

Project title: Improved detection of carbapenemase-producing Enterobacteriaceae using MALDI-TOF MS.

“The World Health Organisation has identified antibiotic-resistant bacteria as a major public health threat globally. In a follow-up study to our previous work using mass-spectrometry for detection of carbapenemase-producing Gram-negative bacteria, I plan to trial a variety of assay modifications. I am very grateful to the RCPA Foundation for the Research Grant-in-Aid for 2015. Through this award, the RCPA Foundation will be supporting the goal of developing more accurate diagnostics for routine detection of these important pathogens in the clinical microbiology laboratory.”