

1 Interpreting C&S Panels

This session will refresh the possibilities and shortcomings of current bacteriological culture, identification and susceptibility testing techniques for veterinarians in practice. In addition, the need for careful interpretation by either the performing laboratory or the veterinarian of the results of these tests and the influence it may have on diagnostic decisions will be discussed.

2 Advanced microbiology techniques (eg. MALDI-TOF and next generation sequencing)

This session will inform veterinarians on the possibilities and shortcomings of advanced microbiology techniques, such as MALDI-TOF and next generation sequencing for both bacterial identification, bacterial subtyping and antimicrobial susceptibility testing. In addition, the need for careful interpretation by either the laboratory or the veterinarian of the results of these tests and the influence of the availability of these techniques on the veterinary profession will be discussed.