

# **Beyond Empirical Antibiotic Therapy- Fast Phenotypic Antimicrobial Susceptibility Testing**

## **Overview**

Hospitals are increasingly encountering unpredictable resistance patterns clinically whilst being faced with the need to minimise broad-spectrum antibiotic use to prevent and reduce antimicrobial resistance. For patients with sepsis, time to effective and optimised therapy is critical, this workshop presents the findings from two recent evaluations of the Accelerate Pheno™ system and will explore the potential benefits of faster, actionable, MIC-based antimicrobial susceptibility test results to improve patient outcomes by enabling earlier appropriate escalation or de-escalation of antibiotic therapy.

## **Benefits of Attending**

In addition to a brief technology overview of the Accelerate Pheno™ system, attendees will hear presentations from a London based teaching hospital and from a District General Hospital on the potential impact of rapid diagnostics, in their institutions, to:

- Escalate to effective therapy sooner
- Optimise and de-escalate therapy earlier
- Improve patient outcomes and reduce healthcare costs
- Support your antimicrobial stewardship efforts
- Reduce antibiotic resistance
- Decrease C. difficile risk

## **Summary & Presenters**

- Chair's session and speaker introduction: Dr. Abid Hussain, Consultant Medical Microbiologist, Clinical Lead Microbiology, Public Health Laboratory Birmingham National Infection Service, Heart of England NHS Foundation Trust
- Accelerate Diagnostics technology overview: Now and the future: Diederik Engbersen, Head of Marketing EMEA, Accelerate Diagnostics
- Case study 1: Dr. Damien Mack, Consultant Microbiologist, Royal Free London Hospital NHS Foundation Trust
- Case study 2: Dr Nicki Hutchinson, Medical Director and Consultant Microbiologist, Hampshire Hospitals NHS Foundation Trust

