One Health EJP ASM Satellite Workshop: Diagnostics workshop; mobile detection platforms for One Health diagnostics applications PROGRAMME

Online: 14th April

CEST

09.30 *Welcome and housekeeping by Dr Marwa Hassan & Dr Owen Higgins*

09.40 Rapid diagnostics for the detection of zoonotic pathogens and antimicrobial resistance
Prof. Roberto La Ragione
Head of the School of Biosciences and Medicine and Professor of Veterinary Microbiology and Pathology, University of Surrey

10.00 The use of comparative genomics in diagnostics for One Health applications
Dr. Arnoud van Vliet
Senior lecturer in Microbiology, School of Veterinary Medicine, University of Surrey

10.30 Molecular detection in public health, animal health and environmental applications
Dr. Louise O'Connor
Senior Technical Officer, School of Medicine, National University of Ireland, Galway

11.00 *Coffee Break*
Open discussions among participants on One Health diagnostics from a multidisciplinary perspective

11.30 How diagnostics can help current challenges in One Health applications and risk management
Dr. Dan Horton
Associate Dean Research and Innovation and Reader in Veterinary Virology, School of Veterinary Medicine, University of Surrey

12.00 Introduction to LAMP detection and its applications
Dr. Aurore Poirier
Postdoctoral research fellow, School of Veterinary Medicine, University of Surrey

12.30 Introduction to LEC-LAMP detection and its applications
Dr. Owen Higgins
Postdoctoral research fellow, School of Natural Sciences, National University of Ireland, Galway

13.00 *Lunch Break*

14.00 One Health diagnostics discussion on other platforms, applications, future directions, collaborations within OHEJP JRPs and Closing remarks for discussions
Panel of the speakers

15.00 Hands-on Workshop

Designing LAMP and LEC-LAMP assays workshop
Dr. Marwa Hassan
Postdoctoral research fellow, School of Veterinary Medicine, University of Surrey
Dr. Owen Higgins
Postdoctoral research fellow, School of Natural Sciences, National University of Ireland, Galway

17.00 *Close*