ANTIMICROBIAL RESISTANCE: GENOMES, BIG DATA AND EMERGING TECHNOLOGIES

27–29 November 2018
Wellcome Genome Campus, UK

This conference will bring together basic researchers, computer scientists, clinicians and policy makers interested in pathogen human/host genomics, machine learning, development of novel diagnostic tools and translation of AMR-data into clinical practice.

KEY TOPICS
- Machine Learning and prediction of antimicrobial resistance
- Genomic surveillance and epidemiology
- Genomic evidence that informs the debate on 'farm to fork' transmission of resistant pathogens
- Translating bacterial genomics into routine clinical practice
- Global burden of disease from drug-resistant infections: monitoring and evaluation
- Emerging technologies for the generation of multiplex data for decision support

KEYNOTE SPEAKERS
- Mark Woolhouse – University of Edinburgh, UK
- Ramanan Laxminarayan – Center for Disease Dynamics, Economics & Policy, USA / India

CONFIRMED SPEAKERS
- Daniela Bezdan – Weill Cornell Medicine, USA
- Debby Bogaert – University of Edinburgh, UK
- Annie Browne – University of Oxford, UK
- Alessandro Cassini – ECDC, Sweden
- James Davies – Argonne National Laboratory, USA
- Susanna Dunachie – Nuffield Department of Medicine, UK
- Zamin Iqbal – EMBL-EBI, UK
- Claire Jenkins – Public Health England, UK
- Gwyn Jones – RUMA, UK
- Sharon Peacock – LSHTM, UK
- Lance Price – George Washington University, USA
- Timothy Sweeney – Inflammatix, USA
- Nicholas Thomson – Wellcome Sanger Institute, UK

DEADLINE
Registration: 30 October

More info and register:
bit.ly/AMR18

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