

ANNUAL CONFERENCE

21 NOVEMBER 2018
PUBLIC HEALTH ENGLAND, COLINDALE
61 COLINDALE AVENUE | LONDON | NW9 5EQ

'TOWARDS DELIVERING IMPACT' DRAFT PROGRAMME

DAY 1

10.00 am Registration and Tea/Coffee

10.30 am Welcome and Introduction

10.35 am ***The Health Protection Research Unit in Emerging and Zoonotic Infections - A Year of Challenges and Successes***
Professor Tom Solomon, Director

Session 1

Chairs: Dr Tim Brooks , Clinical Surveillance Theme Leader and Professor Alan Radford, Risk Assessment of Emerging and Zoonotic Threats Theme Leader

10.45 am **Risks, burden and socio-biology of hepatitis E infection in England**

Dr Aisling Vaughan, Research Fellow

10.55 am *Discussion*

11.00 am *HPRU Member Invited Abstract*

A phase I trial of safe recombinant poxvirus-based Zika vaccine candidates

Dr Thomas Blanchard, Consultant at Royal Liverpool University Hospital Trust

11.10 am *Discussion*

11.15 am **Mapping the evidence of presence of LIV and TBEV in the UK using deer as sentinels**

Maya Holding, PhD student

11.25 am *Discussion*

11.30 am **Keynote Speaker:**
Challenges and opportunities in EID Preparedness Research
Professor Marion Koopmans, Professor of Public Health Virology, Erasmus University Medical Center, Rotterdam

12.10 pm *Discussion*

12.20 pm Team Photograph

12.30 pm **Lunch**

With posters, including displays on Patient Involvement and Public Engagement activities

Session 2

Chairs: Professor Miles Carroll, Deputy Director and
Professor Rob Christley, Epidemiological Approaches Theme Leader

- 2.00 pm **Longitudinal transcriptomic and viral sequencing analysis of a severe clinical case of Ebola Virus Disease**
Andrew Bosworth, PhD student (Alumni)
- 2.10 pm *Discussion*
- 2.15 pm **UK dairy antibiotic policies: unravelling the practices behind the policies**
Stephanie Begemann, PhD student (Alumni)
- 2.25 pm *Discussion*
- 2.30 pm *HPRU Member Invited Abstract*
Investigation of an outbreak of *Cryptosporidium parvum* in pupils and teachers after a school trip to a commercial farm, South East England, April 2018
Dr Rachel Mearkle, Public Health Registrar
- 2.40 pm *Discussion*
- 2.45 pm **Keynote Speaker:**
Investigating Emerging Infections through Linked Epidemiological and Whole Genome Sequence Data
Professor Derrick Crook, Director of National Infection Service, Public Health England, Colindale
- 3.25 pm *Discussion*
- 3.35 pm **Tea /Coffee break**

Session 3

Chairs: Dr Nick Beeching, Clinical Surveillance Theme Leader &
Professor Roger Hewson, Pathogen Discovery and Characterisation Theme Leader

- 4.00 pm **Metagenomic MinION sequencing for viral clinical sample investigation**
Liana Kafetzopoulou, PhD student
- 4.10 pm *Discussion*
- 4.15 pm **Understanding the possible origin of the next pandemic using airline travel patterns and health care development**
Margaux Meslé, PhD student (Alumni)
- 4.25 pm *Discussion*
- 4.30 pm **Wellcome Trust Public Engagement Grants Scheme:
BUG TERROR: OUTBREAK IN A BOX! A Post-Grant Case Study**
Caoimhe McKerr, PhD student
- 4.35 pm *Discussion*
- 4.40 pm **Using the diurnal temperature cycle to assess current and future climatic suitability for *Aedes albopictus* in the UK**
Soeren Metelmann, PhD student
- 4.50 pm *Discussion*
- 4.55 pm **Economic impact of delays in treatment for Herpes Simplex Virus Encephalitis patients in the U.K**
Kate Ennis, Health Economist
- 5.05 pm *Discussion*

- 5.10 pm **Lyme disease in the UK: A proposal for future surveillance programmes**
John Tulloch, PhD student
- 5.20 pm *Discussion*
- 5.25 pm *HPRU Member Invited Abstract*
Using evidence-based resources to deliver health protection messages in schools
Dr Emma Bennett, Senior Epidemiologist
- 5.30 pm *Discussion*
- 5.35 pm **Comfort break**
- Voting opens -

Session 4: Late breakers

Chair: Professor Tom Solomon, Director

- 5.45 pm *HPRU Member Invited Abstract*
MERS and Monkeypox in England: Activation of the WHO ISARIC Clinical Characterisation Protocol
Professor MG Semple, Professor of Child Health and Outbreak Medicine, University of Liverpool
- 5.55 pm *Discussion*
- 6.00 pm *HPRU Member Invited Abstract*
HPRU EZI role in provision of the first International Standard Antibody to Ebola Virus (NIBSC 15/262)
Professor Richard S Tedder, Consultant Virologist, Head of Blood Borne Virus Unit, Public Health England
- 6.10 pm *Discussion*
- 6.15 pm Presentation and Poster Prizes
Best Oral Presentation
Runner up – Oral
- Best Poster Presentation
Runner up – Poster
- HPRU EZI Alumni prize
Runner up – Alumni
- The People’s Choice for Best Oral Presentation
- 6.30pm **Reception drinks and conference dinner (Colindale Refectory)**
- 8.30pm **Close of Conference**