

## ANNUAL CONFERENCE ZIKA AND OTHER EMERGING INFECTIONS

13<sup>TH</sup> DECEMBER 2016  
UNIVERSITY OF LIVERPOOL  
LMI | LIVERPOOL | L3 5SR

### DRAFT PROGRAMME

10.15 am **Registration and Coffee**

10.45 am **Welcome and Introduction**  
Professor Tom Solomon, Director

#### **Session 1 Chair: Professor Tom Solomon**

10.50 am **Did El Niño fuel the 2015-2016 south-American Zika outbreak?**  
Dr Cyril Caminade, Research Fellow

11.00 am *Discussion*

11.05 am **Developing a 'One Health' antibacterial prescription surveillance approach through the use of health informatics**

Dr Fernando Sánchez-Vizcaíno, Research Fellow

11.15 am *Discussion*

#### **Session 2 Chair: Professor Miles Carroll, Deputy Director**

11.20 am **Opening Keynote:**  
*A response to the Zika outbreak*  
Dr Patricia Sequeira, Laboratório de Flavivírus, Instituto Oswaldo Cruz, Brazil

12.00 pm *Discussion*

12.05 pm **Viral Identification and Discovery: Application of Next Generation Sequencing for Clinical Virology**

Liana Kafetzopoulou, PhD Student

12.15 pm *Discussion*

12.20 pm **Using label-free mass spectrometry to analyse temporal abundance changes in the human serum proteom of a pregnancy complicated by acute hantavirus infection**

Sarah Bar-Yaacov, PhD Student

12.30 pm *Discussion*

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

12.50 pm Team Photograph

12.55 pm Lunch and Posters

**Session 3 Chair: Professor Dilys Morgan, Risk Assessment of Emerging and Zoonotic Threats Theme Leader**

- 2.00 pm **Characterisation of the increasing numbers of hepatitis E infections in England and Wales 2010-2015**  
Dr Clarissa Oeser, Research Fellow
- 2.10 pm *Discussion*
- 2.15 pm **The challenge of Zika virus diagnosis after acute infection - anti-Zika virus NS1 antibody ELISAs exhibit poor accuracy in Brazilian patients**  
Raquel Medialdea Carrera, PhD Student
- 2.25 pm *Discussion*
- 2.30 pm **Offered Paper**
- 2.40 pm *Discussion*

**Session 4 Chair: Professor Hilary Ranson, Liverpool School of Tropical Medicine**

- 2.45 pm *HPRU Member Invited Abstract*  
**The spectrum of neurological disease associated with Zika and chikungunya viruses in adults in Rio de Janeiro, Brazil**  
Dr Mark Ellul, Research Fellow, Institute of Infection and Global Health, University of Liverpool
- 2.55 pm *Discussion*
- 3.00 pm **Vector competence of British mosquitoes for arboviruses**  
Dr Marcus Blagrove, Postdoctoral Researcher
- 3.10 pm *Discussion*
- 3.15 pm **Elucidating the determinants of patient outcome following acute EBOV infection**  
Natasha Rickett, PhD Student
- 3.25 pm *Discussion*
- 3.30 pm **Offered Paper**
- 3.40 pm *Discussion*
- 3.45 pm Coffee

**Session 5 Chair: Professor Julian Hiscox, Science and Training Lead**

- 4.15 pm **Closing Keynote:**  
*Zika virus interactions with host cells*  
Dr Alain Kohl, MRC Programme Leader, MRC- University of Glasgow Centre for Virus Research
- 5.00 pm *Discussion*
- 5.15 pm Presentation & Poster Prizes
- 5.20 pm Drinks