

# NIHR HEALTH PROTECTION RESEARCH UNIT IN EMERGING AND ZONOTIC INFECTIONS ANNUAL CONFERENCE

## THE RESPONSE TO EBOLA AND OTHER EMERGING THREATS

TUESDAY 12 JANUARY 2016  
UNIVERSITY OF LIVERPOOL IN LONDON  
33 FINSBURY SQUARE | LONDON | EC2A 1AG

### 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 **Differential Cell Responses to Pathogenic and Apathogenic Ebolaviruses**  
Andrew Bosworth, PhD Student

11.00 am *Discussion*

11.05 am **Improving the Diagnosis of Emerging Central Nervous System (CNS) infections**  
Raquel Medialdea Carrera, PhD Student

11.15 am *Discussion*

#### **Session 2 Chair: Professor Dilys Morgan, Risk Assessment of Emerging and Zoonotic Threats Theme Leader**

11.20 am **Opening Keynote:**  
*The UK Ebola Response - Lessons Learnt and Preparing for the Future*  
Dr Gina Radford, Deputy Chief Medical Officer, Department of Health

12.00 pm *Discussion*

12.05 pm **Vector competence of British mosquitoes for arboviruses**  
Dr Marcus Blagrove, Postdoctoral Researcher

12.15 pm *Discussion*

12.20 pm **Assessing the importation risk of a new pathogen, from UK and global perspectives**  
Margaux Mesle, 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 David Brown, Public Health England**

- 2.00 pm **Proteomic analysis of hantavirus-infected human serum**  
Sarah Brun Bar-Yaacov, PhD Student
- 2.10 pm *Discussion*
- 2.15 pm **Monitoring *Ixodes ricinus* and the factors which influence its activity in England and Wales**  
Liz McGinley, PhD Student
- 2.25 pm *Discussion*
- 2.30 pm *HPRU Member Invited Abstract*  
**Ebola Convalescent Plasma Therapy Trials in West Africa Preliminary results from Guinea and Sierra Leone**  
Dr Calum Semple, Senior Lecturer & Consultant Respiratory Paediatrician, University of Liverpool
- 2.40 pm *Discussion*

**Session 4 Chair: Professor Julian Hiscox, Science and Training Lead**

- 2.45 pm *HPRU Member Invited Abstract*  
**Development of novel methods to isolate neutralising antibodies against Zaire Ebolavirus from the peripheral blood of convalescent individuals**  
Graham Bailey, PhD Student, The University of Nottingham
- 2.55 pm *Discussion*
- 3.00 pm **Database of species interactions including host-pathogen relationships and their global distributions**  
Dr Maya Wardeh, Postdoctoral Researcher
- 3.10 pm *Discussion*
- 3.15 pm **Analysing and influencing public perceptions of Lyme disease**  
Dr Jenny Warner, Postdoctoral Researcher
- 3.25 pm *Discussion*
- 3.30 pm Coffee

**Session 5 Chair: Professor Miles Carroll, Deputy Director**

- 4.00 pm **Closing Keynote:**  
*The European Response to New and Emerging Threats*  
Professor Johan Giesecke, Professor of Infectious Disease Epidemiology, Karolinska Institutet, Stockholm, Sweden
- 4.40 pm *Discussion*
- 4.45 pm Presentation & Poster Prizes
- 5.00 pm Drinks & Canapés
- 6.00 pm Close

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