



ISNTD Bites 2015 Programme

London Zoo

March 19th 2015

- 8.30 Registration and networking breakfast reception
- 9.00 Welcome from the ISNTD & **Pr. Ken Norris** (Zoological Society London)
- Pr. David Molyneux** (Liverpool School of Tropical Medicine)
Guinea Worm Eradication: the final challenges
- 9.30 Session 1 Vectors, reservoirs and zoonoses: an NTD perspective
- **Pr. Joanne Webster** (Royal Veterinary College)
Zoonotic schistosomiasis: observations from West Africa
 - **Dr. Ana Clara Silva** (Department of Health Madeira)
Following the dengue outbreak in the island of Madeira – further developments
 - **Dr. Raffaele Mattioli** (FAO)
The Programme against African Trypanosomosis – An Institutional International Entente
 - **Pr. Matthew Baylis** (University of Liverpool)
Japanese encephalitis in Asia
 - **Dr. Muhammad Mukhtar** (Directorate of Malaria Control & NIH Pakistan) – via Skype
Mosquito control in Pakistan: focus on dengue
- 10.30 Panel discussion 1 – chair: Pr. Steve Torr (Liverpool School of Tropical Medicine)
- 11.00 Coffee break
- 11.30 Session 2 Human, livestock and vector data: integrated surveillance for global health
- **Dr. Kounobor Roch Dabiré** (IRSS / Centre Muraz, Burkina Faso)
First Detection of *Leishmania infantum* in Domestic Dogs from Burkina Faso (West Africa)
 - **Dr. Nicola Wardrop** (University of Southampton)
Integrating human, livestock & vector data in a unified epidemiological framework (sleeping sickness)
 - **Ms. Amanda Read** (BBSRC)
Zoonotic & Emerging Livestock Systems (ZELS)
 - **Dr. Kun (Maggie) Hu** (IBM Public Health Research, Almaden Research Centre)
The effect of antibody-dependent enhancement, cross immunity, and vector population on the dynamics of dengue fever
 - **Dr. Patricia Salgueiro** (IHMT, Lisbon)
Population genetics of *Aedes aegypti*, a tool for dengue surveillance and control
 - **Dr. Guy Hendrickx** (Avia-GIS)
When modelling the spatial distribution of disease vectors, modelling is the easy part
- 12.45 Panel discussion 2 – chair: Pr. Matthias Niedrig (Robert Koch Institut)
- 13.15 Lunch
- 14.00 Session 3 Olfaction in vector-host interaction: repellents & traps
- **Dr. Spyros Zographos** (National Hellenic Research Foundation)
OBP-structure-aided repellent discovery: An emerging approach towards identification of novel repellents
 - **Dr. James Logan** (London School of Hygiene & Tropical Medicine)
Manipulation of mosquitoes and human hosts by malaria parasites
 - **Dr. Ryan Young** (University of South Florida)
Identification of human semiochemicals attractive to the major vectors of onchocerciasis
 - **Dr. Jetske de Boer** (Wageningen University)
Odour-mediated strategies for population management of malaria vectors
- 15.00 Panel discussion 3

15.30 Coffee break

16.00 Session 4 Technology focus for vector-control & global health

- **Dr. Nick Hamon** (IVCC, Liverpool School of Tropical Medicine)
Managing Insecticide Resistance and the Challenges of Bringing Life-Saving Vector Control Tools to Market
- **Mr. Justin McBeath** (Bayer Vector Control)
A private sector perspective in the development of new tools for vector control
- **Mr. Hadyn Parry** (Oxitec)
Advanced genetics and molecular biology for the control of the Chikungunya vector
- **Dr. Givemore Munhenga** (University of Witwatersrand)
Novel malaria vector tools under investigation in South Africa
- **Dr. Jeremy Bouyer** (CIRAD)
New insights on the use of the Sterile Insect Technique against vectors

17.00 Panel discussion 4 – Pr. Paul Reiter (Institut Pasteur)

17.30 Concluding remarks

ISNTD Bites 2015 panel discussions

Panel discussion 1: Vectors, reservoirs and zoonoses: an NTD perspective

Chair: Pr. Steve Torr

- Pr. Matthew Baylis (University of Liverpool)
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- Pr. David Molyneux (Liverpool School of Tropical Medicine)
- Dr. Muhammad Mukhtar (Directorate of Malaria Control & NIH Pakistan)
- Pr. Joanne Webster (Royal Veterinary College)
- Dr. Ana Clara Silva (Department of Health Madeira)

Panel discussion 2: Human, livestock and vector data: integrated surveillance for global health

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Panel discussion 4: Technology focus for vector-control & global health

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