

# ANTI-VeC 3<sup>rd</sup> Annual UK Meeting 2020 Webinar Series

November/December

## PROGRAMME

### Webinar dates

**WEBINAR 1: 13:00-14:00** Thursday 19th November 2020

**WEBINAR 2: 13:00-14:30** Thursday 26th November 2020

**WEBINAR 3: 13:00-14:30** Thursday 3rd December 2020

**WEBINAR 4: 13:00-14:30** Thursday 10th December 2020

### Presenters

- Professor Steve Sinkins, University of Glasgow
- Professor Andrea Crisanti, Imperial College London
- Dr Tony Nolan, Liverpool School of Tropical Medicine
- Michelle Connolly, University of Glasgow

### Speakers

- Dr Abdoulaye Diabate, Institut de Recherche en Sciences de la Sante (IRSS)
- Dr Alekos Simoni, Imperial College London
- Dr Alvaro Acosta-Serrano, Liverpool School of Tropical Medicine
- Dr Arthur Talman, Wellcome Sanger Institute
- Professor Claudia Ximena Moreno Herrera, Universidad Nacional de Colombia
- Dr Etienne Bilgo, Institut de Recherche en Sciences de la Sante (IRSS)
- Dr Fatalmoudou Tandina, University of Sciences, Techniques and Technologies of Bamako (USTTB)
- Professor Greg Hurst, University of Liverpool
- Dr Hanafy Ismail, Liverpool School of Tropical Medicine
- Dr Jandouwe Villinger, International Centre of Insect Physiology and Ecology (Icipe)
- Dr Jason Somers, University College London
- Dr Jeremy Herren, International Centre of Insect Physiology and Ecology (Icipe)
- Ms Lina Finda, Ifakara Health Institute
- Dr Tony Nolan, Liverpool School of Tropical Medicine

ANTI-VeC 3<sup>rd</sup> Annual UK Meeting 2020 - WEBINARS

**WEBINAR 1: Thursday 19th November 2020, 13:00-14:00**

SESSION	TIME	TITLE	SPEAKER
<b>Context</b>	13:00 -13:10	Welcome and overview Adapting to Covid-19 restrictions	Steve Sinkins, University of Glasgow  Michelle Connolly, University of Glasgow
<b>ANTI-VeC Funded Research</b> <b>Pump-Priming holders talks on project outcomes and next steps</b> 2 x 25 min (including 5 min Q&A per talk)			
<b>ANTI-VeC Pump-Priming Projects</b>	13:10-13:35	A Novel Malaria Transmission Blocking Strategy: Microsporidian Symbionts of Anopheles Mosquitoes	Jeremy Herren, International Centre of Insect Physiology and Ecology (Icipe)
	13:35-14:00	Effects of co-infection of Wolbachia and the entomopathogenic fungus Metarhizium pingshaense in Aedes aegypti	Abdoulaye Diabate, Institut de Recherche en Sciences de la Sante (IRSS)  Etienne Bilgo, Institut de Recherche en Sciences de la Sante (IRSS)
<b>Finish</b>	14.00		

**WEBINAR 2: Thursday 26th November 2020, 13:00-14:30**

SESSION	TIME	TITLE	SPEAKER
<b>Introduction</b>	13:00-13:05	Welcome and overview	
<b>ANTI-VeC Funded Research</b>			
<b>Pump-Priming holders talks on project outcomes and next steps</b>			
3 x 25 min (including 5 min Q&A per talk)			
<b>ANTI-VeC Pump-Priming Projects</b>	13:05-13:30	Role of insect-specific flaviviruses and immune priming in arbovirus transmission blocking in mosquitoes	Jandouwe Villinger, International Centre of Insect Physiology and Ecology (Icipe)
	13:30-13:55	Into the Wild: New models for Community Engagement with Mosquito Releases	Lina Finda, Ifakara Health Institute
	13:55-14:20	In the eye of the swarm: Mapping the acoustic landscape of mosquito disease vectors	Jason Somers, University College London
<b>Finish</b>	14:20		

**WEBINAR 3: Thursday 3rd December 2020, 13:00-14:30**

SESSION	TIME	TITLE	SPEAKER
<b>Introduction</b>	13:00-13:05	Welcome and overview	
<b>ANTI-VeC Funded Research</b> <b>Pump-Priming holders talks on project outcomes and next steps</b> 3 x 25min (including 5 min Q&A per talk)			
<b>ANTI-VeC Pump-Priming Projects</b>	13:05-13:30	The impact of feeding method on Anopheles mosquito midgut microbiota and P. falciparum infection rates	Arthur Talman, Wellcome Sanger Institute  Fatalmoudou Tandina University of Sciences, Techniques and Technologies of Bamako (USTTB)
	13:30-13:55	AnDAPT - Lab adaptation of Anopheles gambiae s.s.	Alekos Simoni, Imperial College London
	13:55-14:20	Should the tsetse symbiont S. glossinidius be engineered to control African trypanosomiasis?	Alvaro Acosta-Serrano, Liverpool School of Tropical Medicine
<b>Finish</b>	14:20		

**WEBINAR 4: Thursday 10th December 2020, 13:00-14:30**

SESSION	TIME	TITLE	SPEAKER
Introduction	13:00-13:05	Welcome and overview	
<b>ANTI-VeC Funded Research</b> <b>Pump-Priming holders talks on project outcomes and next steps</b> 3 x 25min (including 5 min Q&A per talk)			
<b>ANTI-VeC Pump-Priming Projects</b>	13:05-13:30	Targeted disruption of the steroid hormone inactivation pathway in Anopheline mosquitoes for malaria control	Hanafy Ismail, Liverpool School of Tropical Medicine
	13:30-13:55	Determining heritable microbe incidence, prevalence and impact in vector species	Greg Hurst, University of Liverpool  Claudia Ximena Moreno Herrera, Universidad Nacional de Colombia
	13:55-14:20	Functional genetics tools for Anopheles funestus: opening the door to genetic control and to an understanding of its vector competence	Tony Nolan, Liverpool School of Tropical Medicine
<b>Q&amp;A</b> <b>Next Steps for ANTI-VeC</b>			
	14:20-14:30	Future of the Network	Co-Directors,  Steve Sinkins, University of Glasgow  Andrea Crisanti, Imperial College London
<b>Finish</b>	14:30		