

New interventions of vector control and vaccines for human and animal arboviruses

13-14 October 2022

Paris Santé Campus

2 rue d'Oradour-sur-Glane 75015 Paris, France

Day 1 – Vaccination		
Morning: 10.00-13.00		
10.00-10.15	Welcome and objectives of the meeting	Yazdan Yazdanpanah Xavier de Lamballerie
10.15-13.00 Human vaccination Chair:		
10.15-10.45	New approaches for vaccination	Scott Weaver
10.45-11.00	Dengue vaccine development	Anavaj Sakuntabhai
11.00-11.20	Vaccine hesitancy	Pierre Verger
11.20-11.50	Coffee break	
11.35-13.00	Round table: Development of human vaccines	Facilitators: Marie Paule Kieny, Marc Lecuit Scott Weaver André Cabié Jean Lang Eckhardt Petri Jeroen Kortekaas Prescilla Martinon Anavaj Sakuntabhai
13.00-14.00	Lunch break	
14.00-16.00 Animal vaccination Chair		
14.00-14.10	Context of animal vaccination	Stephan Zientara
14.10-14.25	African Swine Fever	Olivier Bourry
14.25-14.40	Tick-borne viral diseases	Sarah Bonnet
14.40-14.55	Rift Valley Fever	Jeroen Kortekaas
14.55-15.10	DIVA vaccine for two orbiviruses: Bluetongue and African horse sickness	Piet A van Rijn
15.10-16.00	Round table: Development of animal vaccines	Facilitators: Stephan Zientara, Bernadette Murgue Olivier Bourry Sarah Bonnet Jeroen Kortekaas Piet A van Rijn Xavier de Lamballerie
Day 2 – Vector control		
Morning: 09.00-13.00		
09.00-09.40	Effects of environmental disruptions on vector populations and transmission of vector-borne pathogens	Sandra Junglen
09.40-13.00 New interventions and approaches for vector control		

Chairs:		
09.40-10.00	Impacts of traditional methods, prospects for the future	David Roiz
10.00-11.00	Vector control using <i>Wolbachia</i> technics examples	
10.00-10.15	French Polynesia	Hervé Bossin
10.15-10.30	New Caledonia	Nicolas Pocquet
10.30-11.00	Strategy of implementation and evaluation: example of World Mosquito Program	Scott O'Neill
11.00-11.20	Coffee break	
11.20-13.00		
Vector Population reduction		
Chair :		
11.20-11.35	Steril Insect technique : <i>Aedes albopictus</i>	Louis-Clément Gouagna
11.35-11.50	Steril Insect technique : <i>Aedes aegypti</i>	Jérémy Bouyer
11.50-12.10	Manipulating mosquito redox homeostasis for vector control	Stéphanie Blandin
12.10-12.20	Using the mosquito microbiota to reduce arbovirus transmission	Ottavia Romoli
12.20-12.30	Fluorescent genetic sexing strains for the genetic control of <i>Aedes</i> mosquitoes	Célia Lutrat
12.30-13.00	Does a reduction in vector population alter the human perceptions and behaviors related to vector-borne diseases?	Jocelyn Raude, Franck Remoue
13.00-14.30	Lunch break	
14.30-15.00	Vector control of animal arboviroses in temperate environments	Claire Garros
14.30-15.00	ArboFrance PhD grants: announcement of the laureates	
	Conclusion	