

Arboviruses: A Global Public Health Threat

Les Pensières Center for Global Health
Veyrier-du-Lac - France

20-22 June 2018

Steering Committee:

- Duane Gubler
- Mauricio Lacerda Nogueira
- Jacques Louis
- Christopher Nelson
- Valentina Picot
- Usa Thisyakorn
- In-Kyu Yoon
- Cindy Grasso , Event Coordinator

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Scientific programme

Wednesday, June 20th, 2018

17:00 - 18:00	Registration	
18:00 - 18:20	Welcome address	Fondation Mérieux
18:20 - 19:00	Key-note address: Present and future arboviral threats: an overview	Duane Gubler
19:00	Welcome dinner	

Thursday, June 21st, 2018

Session 1

Epidemiology, Diagnostic and Surveillance

Chair: Usa Thisyakorn

8:30 - 8:50	Surveillance for arboviral diseases	Duane Gubler
8:50 - 9:05	Discussion	
9:05 - 9:25	Yellow fever: the current Brazilian outbreak and response	João Bosco Siqueira Jr
9:25 - 9:40	Discussion	
9:40 - 10:00	The interplay between different flaviviruses: overview and results from Brazil	Mauricio Lacerda Nogueira
10:00 - 10:15	Discussion	
10:15 - 10:45	Coffee Break	



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Session 2

Disease update: emphasis on the exemple of Zika

Chair: Mauricio Lacerda Nogueira

10:45 - 11:05	Zika virus transmission as an endemic disease in Thailand	Rome Buathong
11:05 - 11:20	Discussion	
11:20 - 11:40	Evolution of emergence and expansion of Zika virus; difference from Dengue and Chikungunya	Nikos Vasilakis
11:40 - 11:55	Discussion	
11:55 - 12:15	The complex relationship between the emerging flaviviruses: Dengue and Zika	Michael Gaunt
12:15 - 12:30	Discussion	
12:30 - 14:00	Group Picture and Lunch	
14:00 - 14:20	Brazilian contributions to the knowledge of Zika virus infection	Patricia Brasil
14:20 - 14:35	Discussion	
14:35 - 14:55	Stress-induced unfolded protein response contributes to Zika virus-associated microcephaly	Marc Lecuit
14:55 - 15:10	Discussion	
15:10 - 15:30	Progress and hurdles to a safe and effective Zika vaccine	Anna Durbin
15:30 - 15:45	Discussion	
15:45 - 16:15	Coffee break	
16:15 - 16:35	The origins and catalyst for formation of CEPI; CEPI's priorities	George Thiry
16:35 - 16:50	Discussion	
16:50 - 17:10	EU-Research Programmes on Zika	Annelies Wilder-Smith
17:10 - 17:25	Discussion	
19:00	Dinner	



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Friday, June 22nd, 2018

Session 3

Vectors biology and control

Chair: Nikos Vasilakis

8:30 - 9:00	Overview of <i>Aedes aegypti</i> biology and interactions with dengue and Zika viruses	Louis Lambrechts
9:00 - 9:15	Discussion	
9:15 - 9:35	Wolbachia: how to optimise and sustain its promise of control of <i>Aedes</i> and <i>Aedes</i> -borne viruses	Scott Ritchie
9:35 - 9:50	Discussion	
9:50 - 10:20	Coffee break	

Session 4

Dengue Vaccines

Chair: Duane Gubler

10:20 - 10:40	Dengue vaccines: status and future	In-Kyu Yoon
10:40 - 10:55	Discussion	
10:55 - 11:15	CYD-TDV - Dengvaxia® - clinical update	Christopher Nelson
11:15 - 11:30	Discussion	
11:30 - 11:50	The first licensed tetravalent dengue vaccine: deliberations on its use	Annelies Wilder-Smith
11:50 - 12:05	Discussion	
12:15 - 14:00	Lunch	
14:00 - 14:20	Dengue diagnostics update: <ul style="list-style-type: none"> Differential diagnostics for surveillance and research, point-of-care rapid diagnostic tests to support clinical services and screening 	Elizabeth Hunsperger
14:20 - 14:35	Discussion	
14:35 - 14:45	Rapid and ultrasensitive detection of pathogens for early and late post-exposure countermeasures	Francisco Veas
14:45 - 14:50	Discussion	
14:50 - 15:00	Concluding comments	Steering Committee
15:00	End of the meeting	

