



Practical and Theoretical Course on Arbovirus Diagnostics

March 25-29, 2019

Virology Laboratory/ LIM-52

	March 25, Monday		March 26, Tuesday		March 27, Wednesday		March 28, Thursday		March 29, Friday
8:00-8:10	Opening Welcome <i>Ester Sabino - IMT</i>	8:30-9:45	PCR and Real-Time PCR <i>José Eduardo Levi/IMT-USP</i>	8:00-9:00	Role of non-human primates and mosquitos in the epidemiology of arboviruses <i>Maurício Nogueira/FAMERP-SP</i>	8:00-9:00	Transmission of arboviruses Arboviruses and Sexual Transmission <i>Vivian Avelino-Silva/FMUSP</i>	9:00-10:30	Critical Analysis of Arbovirus Diagnostic Tests <i>José Eduardo Levi/IMT-USP</i> <i>Viral RNA extraction</i>
8:10-8:30	<i>Florence Pradel - Mérieux Foundation</i>	9:45-10:30	Phylogeny of Alpha and Flaviviruses: implications for diagnostic assays. <i>Camila Malta Romano/IMT-USP</i>	9:00-9:30	Yellow Fever Vaccine-Indications and Controversies <i>Ana Marli Sartori-FMUSP</i>	9:00-9:30	Viral Epidemics and Hepatitis -Zika, Yellow Fever, Dengue and Chikungunya <i>Cássia Mendes Correa /IMT-USP</i>	10:30-13:00	Evaluation of the training course and concluding comments <i>Dudi Levi</i> <i>Cassia Mendes Correa</i>
8:30-8:40	Course aims and structure <i>Cassia Mendes Correa -Virology Laboratory</i>					9:30-10:00	Yellow Fever in Brazil- Lessons Learned From Severe Cases <i>João Renato Pinho- /IMT-USP</i>		
8:40-9:20	Arboviruses as a Global Health Threat – <i>Aluisio Segurado/FMUSP</i>	10:30-11:00	Coffee Break	9:30-10:00	Coffee Break	10:00-10:30	Discussion		



Practical and Theoretical Course on Arbovirus Diagnostics

March 25-29, 2019

Virology Laboratory/ LIM-52

	March 25, Monday		March 26, Tuesday		March 27, Wednesday		March 28, Thursday		March 29, Friday
9:20-10:20	Natural History of Zika Infection <i>Celina Turchi /Fiocruz-Pernambuco</i>	11:00-11:30	Sequencing technologies and viral discovery. <i>Ester Sabino/IMT</i>	10:00-10:45	Predictors of mortality in Yellow Fever <i>Ésper Kallas/FMUSP</i>	10:30-11:00	Coffee Break		
10:20-11:00	Coffee Break								
11:00-12:00	Principles of serological assays <i>José Eduardo Levi/IMT-USP</i>	11:30-12:00	Discussion	10:45-11:10	Rapid Diagnostic Test for the detection of ZIKV (Ab and NS1) <i>Florence Pradel/Fondation Merieux</i>	11:00-11:35	Arboviruses and Immunossupression <i>Clarisse Machado/IMT-USP</i>		
Lunch				11:10-12:00	Discussion				
				12:00		11:35-12:00	Discussion		
13:30-18:00	PRNT	13:30-18:00	Real-Time PCR		Antigen Production for the Diagnosis of Arbovirus Infections		1-Serology: Zika EIA / IFA Yellow Fever 2-PRNT		

ZikaPLAN has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 734584.