

Arbovirus Workshop – Theoretical Course

Speakers



Dr. Florence Komurian-Pradel

Florence Komurian-Pradel PhD, is responsible for the GABRIEL Network (www.gabriel-network.org), a network including 19 research laboratories located in countries with limited resources and coordinated by the Mérieux Fondation. Since 2020, she is also research manager on AMR and her current projects focus on One Health surveillance of AMR in Madagascar (Tricycle, JPI AMR TRIuMPH), and on the genomic diversity and resistance to antibiotics of food-borne pathogens as part of the European COMPARE project. She is also in charge of the Fleming Fund scholarship programme in Senegal. She participates in the JPI AMR NETESE and AVIESAN-SUD networks. Since the start of the COVID 19 pandemic, she has been in charge of strengthening the diagnostic capacities of SARS-CoV2 for 13 partner laboratories and is involved in the study of nosocomial transmission of SARS-CoV2 in various countries in Africa, South-East Asia, and South America.



Dr. Maria Cassia Mendes-Correa

Maria Cassia Mendes-Correa graduated in Medicine from São Paulo University Medical School – USP/1984. She made her Master and PhD in Infectious Diseases at the same University (1994-2002). She is an Associated Professor at Infectious Diseases Department (USP) and coordinates the Viral Hepatitis Outpatient Clinic in Hospital das Clínicas (USP).

She is currently the head of the Virology Laboratory (LIM 52) at the Tropical Medicine Institute (USP). Prof. Mendes-Correa was the Director of the Brazilian Society of Infectious Diseases in 2016 and 2017. From 2017-2019 she was consultant on viral hepatitis at the HIV/Aids and Viral Hepatitis Department of the Ministry of Health of Brazil. She has published more than 100 papers in peer-reviewed journals. The main fields of expertise of Prof. Mendes-Correa includes viral hepatitis, central nervous system infection and arbovirus infection.



Dr. Aluisio Augusto Cotrim Segurado

Graduated in Medicine from the School of Medicine, University of Sao Paulo (1980), master's in science (1991) and PhD. degrees in Infectious Diseases (1994) from the same institution. He is currently a Full Professor in the Department of Infectious Diseases in the School of Medicine, University of São Paulo (USP). His research focuses on human retroviral infections (HIV/AIDS, HTLV) with particular interest on vulnerability to viral acquisition, disease progression and response to interventions.



Dr. Julio Croda

Dr. Croda is chief of the Department of Communicable Diseases at the Secretary of Health Surveillance in Brazil. He is an infectious disease physician-scientist and has served as the Principal Investigator for a series of studies involving active surveillance, molecular epidemiology and prospective cohort investigations for TB. He is particularly interested in understanding how prison contribute globally to TB epidemics, with an ultimate goal of developing more effective interventions to control TB in the prison and community using translational research and implementation science. Dr. Croda's training is in epidemiology and clinical medicine, and his work includes epidemiology, fieldwork, and analysis of programmatic data. His research program is currently funded by the NIH and by Brazilian research agencies such as CNPq and CAPES.



Dr. José Eduardo Levi

José Eduardo Levi studied Biological Sciences at the University of São Paulo, Brazil. Obtained his Master (1993) and PhD (2000) degrees from the same university, working first on the association of human papillomaviruses and penile carcinomas and later the development of a PCR assay for the screening of blood donors for hepatitis C virus RNA. He is a researcher at the Tropical Medicine Institute in São Paulo since 1995, applying molecular tools for the diagnosis of viruses, and has published 170 papers in peer-reviewed journals. He is currently the coordinator of Research and Development at DASA laboratories, the largest Brazilian clinical pathology lab, and a member of the transfusion-transmitted infectious diseases committee from the International Society of Blood Transfusion (ISBT). Current research focuses on flaviviruses, cell-free DNA and cervical cancer screening.



Dr. Camila Malta Romano

Camila M Romano is graduated in Biological Sciences at Universidade Presbiteriana Mackenzie (1999). Obtained her Master in Parasitology (2004) and PhD in Microbiology (2009) at Universidade de São Paulo. She is currently a Scientific Researcher VI in the Laboratory of Medical Investigation from Hospital das Clinicas FMUSP (Virology, LIM52) and in the Tropical Medicine Institute. Dr Romano has experience in molecular biology tools, viral sequence analysis and virus phylogenetics. She is interested on the processes of evolution and spread of RNA viruses and phylogenetics. She has published more than 70 articles in peer-reviewed journals and currently develops projects with arboviruses, SARS-COV-2 and endogenous retroviruses.



Dr. Ester Cerdeira Sabino

Dr Sabino obtained her medical degree in 1984 at the University of Sao Paulo and started her scientific training in San Francisco in 1991 through a Fogarty International AIDS Training grant. During this early phase, her work was focus on HIV diversity. After returning to Brazil, she obtained her PhD in Immunology and collaborated with the Brazilian Ministry of Health AIDS Program to establish a laboratory network to perform viral load and drug resistant testing. In 2005, she organized a blood bank network to participate in the NHLBI/NIH REDS program focused on blood safety. In 2011 she joined the University of Sao Paulo Medical School and led the establishment of large cohorts of blood donors with Chagas disease and sickle cell disease. She served as Director of the Institute of Tropical Medicine from 2015-2019. Since 2015 she is participating in the international effort to establish a rapid research response to new emerging treats (CADDE Project). She has published more than 250 peer-reviewed papers and has directly trained over 50 post-graduation students.



Dr. Clarisse Martins Machado

The main fields of expertise of Dr. Clarisse M. Machado include transplant infectious diseases (TID), vaccination of transplant recipients, and the development of diagnostic techniques to support transplantation programs. Currently, Dr. Machado is a senior investigator at the Virology Laboratory of the Institute of Tropical Medicine, University of São Paulo (IMT-FMUSP) and at the Instituto Israelita de Ensino e Pesquisa of the Hospital Albert Einstein (São Paulo). She is also the TID doctor of the Hematopoietic Stem Cell Transplant (HSCT) program at Amaral Carvalho Foundation in Jahu, SP. Dr. Machado was the President of the Transplant Infectious Diseases, a section of The Transplantation Society (TID-TTS) from 2017 to 2019, and currently she is the Past President of TID-TTS (2019-2021).



Dr. Otilia Lupi

Graduated in medicine from the Federal University of Rio de Janeiro (1995), has a Residency in Public Health from IESC-UFRJ and in Infectious Diseases from HUAP/UFF. Specialization in Public Health Emergencies by ENSP-FIOCRUZ (2011). Master (2005) and PhD (2017) in Tropical Medicine from IOC-FIOCRUZ. Post-doctorate at the Army Command and Staff School (ECEME), with a project in the Defense Area on Biological Threat-Bioterrorism (2019-2020). Currently works as an infectious disease specialist at the Laboratory of Acute Febrile Diseases at INI / FIOCRUZ.



Dr. Ana Marli Christovam Sartori

Ana Marli Christovam Sartori, MD, PhD is Infectious Diseases Physician and Associate Professor of the Department of Infectious and Parasitic Diseases at the Medical School of University of Sao Paulo, Brazil. She has been acting mainly on the following topics: Vaccines and vaccination programs and economic evaluation in health.



Dr. Esper Georges Kallas

Esper G. Kallas, M.D., Ph.D., is an Infectious Diseases Specialist and Full Professor of Medicine at Department of Infectious and Parasitic Diseases at the University of Sao Paulo, Brazil. He has been conducting clinical trials since 1993, including IND studies, registered at the FDA. Dr. Kallas coordinates a Clinical Site that has conducted key clinical trials, such as the STEP and iPrEx trials and is the Director for the HIV Outpatient Clinic at the University of Sao Paulo. He is also conducting projects on Dengue fever pathogenesis, diagnosis, cellular immune responses, viral characterization, and vaccine development. The most recent study are the phases II and III trials on a novel tetravalent dengue vaccine, the phase IIb on a novel ZIKV vaccine, and the live-inactivated Coronavac vaccine for Covid-19. Dr. Kallas has devoted efforts to study other flaviviruses, including Yellow Fever and Zika. He is one of the leaders for the preparedness team for the COVID-19 pandemic at the University of Sao Paulo.

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