



VIROCON 2017



POST-CONFERENCE HANDS ON WORKSHOP
ON
**DIAGNOSIS AND EPIDEMIOLOGY OF ARBOVIRAL
INFECTIONS**

AT
NITTE UNIVERSITY CENTER FOR SCIENCE EDUCATION AND RESEARCH
PANEER CAMPUS, DERALAKATTE, MANGALORE-575018
DECEMBER 11-13, 2017

Faculty

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Background

The group Arbovirus includes viruses that are transmitted by arthropod vectors. This group includes families Togaviridae, Flaviviridae, Bunyaviridae and Reoviridae. Viruses causing dengue, japanese encephalitis and zika (Flaviviridae) and chikungunya (Togaviridae) are in this group. Diseases caused by these viruses are a major public health problem in India. A number of techniques such as virus isolation, Reverse transcriptase PCR and serological methods are available for diagnosis of these viral infections, but the performance characteristics (sensitivity, specificity, ability to detect serotypes, applicability at early or late stage of infection) of these methods vary. The utility of these methods may vary depending on the purpose- diagnosis (incubation stage, acute stage, convalescent stage) , surveillance, outbreak investigation or epidemiological studies.

Objective of the Workshop

The objective of this three day workshop is the discuss different methods available for detection and typing of viruses like dengue, chikungunya, zika and japanese encephalitis and applicability of methods for disease diagnosis, outbreak investigation, disease surveillance or epidemiological studies. Participants will be able to get hands on experience of virus detection by cell culture, virus detection and typing by reverse transcriptase PCR, immunohistochemistry, detection of viral antibodies by ELISA.

Who should attend

The Workshop would be useful for clinical microbiologists, public health investigators, epidemiologists and researchers.

Number of participants

Due to hands on nature of the Workshop, the maximum number of participants permitted will be 25 on first come first served basis.

Registration

Those interested in attending the Workshop are required to send request for registration using the proforma given below. The Registration fee would be Rs 5,000/- per person. This would cover workshop material, lunch and coffee breaks during workshop days. Accomodation cost is not covered in the registration fees.

Application for attending the workshop

1. Name:
2. Institutional affiliation:
3. Qualification:
4. Current experience with arboviruses:
5. Purpose of attending the Workshop
6. Signature

The application may be sent by email to:

Dr. Iddya Karunasagar
Senior Director (International Relations)
Nitte University
University Enclave, Medical Sciences Complex
Deralakatte, Mangalore-575018.
Iddya.Karunasagar@nitte.edu.in
Virocon2017@gmail.com

Successful candidates will be informed about Bank account to which the Post-Conference Workshop registration fee can be sent by NEFT.