



Hands on Workshop on Confocal Microscopy- 2017

TRPVVB conducts hands on workshop on basic techniques of Confocal Microscopy and its clinical application every year. This workshop at TRPVVB will provide basics on Confocal Microscopy, processing and imaging samples hands on under the accomplished faculty members of TRPVVB and external experts.

Theme: TRPVVB invites applications for 3 days hands on workshop on basic application of Confocal Microscopy. The workshop course gives an opportunity for the participants to have **hands-on workshop** on principles and components of confocal microscope, sample processing, use of multiple fluorescent tags, imaging and documentation.

Tentative schedule: From 20.11.2017 to 22.11.2017

DAY 1	
Time	Theory Topic
10.00 A.M to 10.10 A.M	Introduction
10.20A.M to 11.20 A.M	Basics of Confocal Microscopy
Practical Session	
11.30 A.M to 1.00 P.M	Hands on Instrumentation of LSM700 Confocal microscope
2.00 P.M to 5.00 P.M	Confocal Imaging and Processing – Hands on Demo
DAY 2	
Time	Theory Topic
10.00 A.M to 11.30 A.M	Applications of Confocal Imaging in Life Sciences Research with case studies
11.30A.M to 12.30 P.M	Processing cells with multiple fluorescent tags for confocal imaging by participants
Practical Session	
2.00 P.M to 5.00 P.M	Confocal Imaging of Infected primary cells by participants
DAY 3	
Time	Theory Topic
10.00 A.M to 11.30 A.M	Live cell imaging techniques and its applications
Practical Session	
2.00 P.M to 5.00 P.M	Confocal Imaging of the samples brought by participants / Hands on Sample Preparation and Confocal Imaging

Venue:

Translational Research Platform for Veterinary Biological (TRPVVB) 2nd floor, Central University Laboratory Building, Centre for Animal Health Studies, TANUVAS Madhavaram Milk Colony, Chennai- 600 051, India. **Phone: 91-44-25556275, 25556276, 25556277.**
E-mail: dirtrpvb@tanuvas.org.in
Website: www.trpvb.org.in

Registration Details:

No of participants: 10 (maximum) Registration fees (**ONLY BY DD**): Rs.5000/-
Registration will be on First-Come-First-Serve basis
No accommodation and transport facility will be provided.

Application process: The interested participants should submit the application form dirtrpvb@tanuvas.org.in by mail before 20/10/2017. The participants have to take care of their travel and accommodation. The candidates would be informed of their selection by E-mail atleast a week in advance. The workshop slot will be confirmed upon receipt of their course fees within the stipulated time in the form of DD in favour of “Director, TRPVVB”, Payable at Chennai.



Translational Research Platform for Veterinary Biologicals (TRPV B)
A DBT-TANUVAS Partnership Programme
2nd Floor, Central University Laboratory Building, CAHS, TANUVAS
Madhavaram Milk Colony, Chennai - 600051, Tamil Nadu, India.

Application form for the Hands on Workshop on Confocal Microscopy- 2017

Between November 20th to 22nd 2017

1. Name: _____ Sex: _____ Age: _____
2. Designation: _____
3. Institution/Lab: _____
4. City: _____ Tel(Landline): _____
5. Tel (Mobile): _____ Email: _____
6. Confocal Microscope availability in your institution: Yes/No
7. Previous Confocal Microscopy and Imaging experience: Yes/No
8. Brief write up (100 words) on why you would like to attend the Confocal Microscopy and Imaging course: (MUST)

Signature of the applicant

Signature of the
Supervisor/HOD/Dean/Director

Date:

Completed and duly signed forms should be scanned and emailed to dirtrpvb@tanuvas.org.in. No hard copies will be accepted.