



Hands On Workshop On *In Vivo* Live Animal Imaging -2017

TRPVB conducts hands-on workshop on basic techniques of *in vivo* imaging and its pre-clinical applications every year. This workshop at TRPVB will provide basics on optical *in vivo* imaging using both fluorescence & bioluminescence reporters under the accomplished faculty members of TRPVB and external experts.

Theme: TRPVB invites applications for 3 days hands-on workshop on basic applications of *in vivo* imaging in lab animals. The workshop course gives an opportunity for the participants to have hands-on workshop on principles and components of efficient non-invasive *in vivo* imaging, sample processing use of multiple fluorescent probes, image analysis and documentation.

Tentative schedule: From 13.11.2017 to 15.11.2017

DAY-1	
Time	Topics
10.00A.M to 10.30A.M	Introduction
10.30A.M to 11.30A.M	<u>Theory Session</u> Introduction and veterinary pre-clinical applications of <i>in vivo</i> imaging
11.30A.M to 1.00P.M	<u>Practical Session</u> Hands-on instrumentations of <i>in vivo</i> imaging
2.00P.M to 5.00P.M	<i>In vivo</i> imaging and data analysis (ROI measurement) – Hands on Demo
DAY-2	
10.00A.M to 11.30A.M	<u>Theory Session</u> Therapeutic applications and <i>in vivo</i> imaging
11.30A.M to 1.00P.M	<u>Practical Session</u> Pathogens labeling with fluorescent probes for <i>in vivo</i> imaging
2.00P.M to 5.00P.M	Hands-on training of pathogens labeling with fluorescence dyes for <i>in vivo</i> imaging
DAY-3	
10.00A.M to 11.30A.M	<u>Theory Session</u> Veterinary applications on <i>in vivo</i> imaging
11.30A.M to 1.00P.M	<u>Practical Session</u> Hands-on demo of small animal imaging (chick, fish, shrimp and mice)
2.00P.M to 5.00P.M	<i>In vivo</i> imaging of the samples brought by participants / Hands-on training in lab animal <i>in vivo</i> imaging

Venue:

Translational Research Platform for Veterinary Biological (TRPVB)
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/ www.tanuvas.ac.in

Registration Details:

No of participants: 10 (maximum)

Registration fees (Paid 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, TRPVB", 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 In Vivo Live Animal Imaging -2017

From November 13th to November 15th 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.