



# 46<sup>th</sup> Conference of Indian Association of Medical Microbiologists



**Atal Bihari Vajpayee Scientific Convention Center, Lucknow**

## Pre-Conference Workshop

### Workshop on Laboratory Animal Handling and *C. elegans* as a model for genetic studies by gene targeting using siRNA

**Objective of the topic:** Workshop will include theory and hands on training of small laboratory animals and *C. elegans* gene manipulation.

**What will you gain from the workshop?** Participants will get detailed information about experimental animal species identification, handling, administrative techniques and disease model generation.

**Who shall apply?** Workshop is designed for MD, MDS, M.Sc., PhD students, Faculties, Industry Professionals, etc.

**Duration of the workshop:** 1 day from 8.00 AM to 5.30 PM, 22<sup>nd</sup> November 2023

**Workshop site:** Institutional Animal House, Department of Pharmacology, KGMU

### Detailed agenda

Timing	Topic	Resource Person
8.00 am – 9.00 am	Registration	
	Welcome	
	Introduction to the course	
9.00 am – 9.30 am	Pre- test	
9.30 am – 10.30 am	Laboratory animal husbandry, species identification and handling	Dr. A. K. Baranwal, Veterinarian, SGPGI, Lucknow
10.30 am – 11.30 am	Generation and use of animal models in biomedical research	Dr. Satyendra Kumar Singh, Additional Professor, CFAR, KGMU
11.30 am – 11.45 am	Tea Break	
11.45 am – 12.45 pm	<i>Caenorhabditis elegans</i> as an efficient model system in biomedical research	Dr. Aamir Nazir Senior Principal Scientist & Professor, CSIR-CDRI, Lucknow
12.45 pm- 1.00 pm	Discussion on above topics covered by all the speakers	
1.00 pm-1.30 pm	Lunch break	
<b>Hands on training on small animals like mice, rats, guinea pig, Rabbit.</b>		
1.30 pm-2.00 pm	Tour of Institutional Animal House	Dr. Satyendra Kumar Singh
2.00 pm-3.00 pm	<i>Caenorhabditis elegans</i> handling and gene manipulation techniques	Dr. Aamir Nazir
3.00 pm-4.00 pm	Laboratory Animal Handling	Dr. Subhash Chandra Sharma
4.00 pm-5.00 pm	Sample collection and administrative techniques for experimental animals	Dr. A. K. Baranwal
5.00 pm-5.30 pm	Post test and Discussion on above training	

#### Workshop Key Resource Person:

**Dr. Satyendra Kumar Singh,**

Additional Professor,  
Stem Cell/ Cell Culture Lab, CFAR  
Incharge, Institutional Animal House  
Department of Pharmacology  
KGMU, Lucknow

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# MICROCON 2023

**46<sup>th</sup>** Annual Conference of  
Indian Association of  
Medical Microbiologists



 **Atal Bihari Vajpayee Scientific Convention Center, Lucknow**

**Workshop on Laboratory Animals Handling and C. elegans as a model for genetic studies by gene targeting using siRNA**

## REGISTRATION FORM

Name: \_\_\_\_\_

(Please write your name clearly and in **BLOCK** letters as the same would be used for the certificate)

Official address: \_\_\_\_\_

Gender: \_\_\_\_\_

**Category:** Faculty  / Post-Doctoral Researcher  / Student  / Industry Delegate

Tel (M): \_\_\_\_\_ Email: \_\_\_\_\_ Both are mandatory.

Name and Signature of participant

### Note:

Registration fees:

- Rs. 2000 (inclusive GST) without registration of MICROCON2023.
- Rs. 1000 (inclusive GST) along with Conference registration (MICROCON2023).  
Registration fees will be taken at the Kalam Center, KGMU, Lucknow at 8.00 – 9.00 AM, 22<sup>nd</sup> November 2023.

Please contact for inquiry and filled form to [satyendraks@kgmcindia.edu](mailto:satyendraks@kgmcindia.edu) before **18 November 2023** and the first 30 participants will be considered for the workshop.