



Three Days workshop

on

“CRISPR/Cas9 Based Genome Editing Technology”

25th September to 27th September, 2023

**Central Facilities for Research & Development
Osmania University**



Organized by

**Central Facilities for Research and Development
Osmania University
Hyderabad - 500 007
Ph: 8331997285/279**



Osmania University

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CENTRAL FACILITIES FOR RESEARCH AND DEVELOPMENT

OSMANIA UNIVERSITY

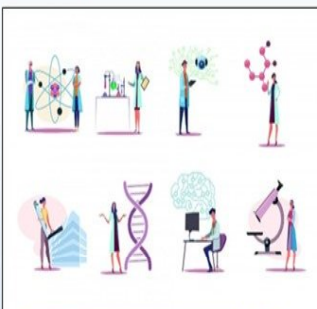
Three Days Hands-on Workshop On

CRISPR/Cas9 Based Genome Editing Technology

25th – 27th September, 2023



The goal of the workshop is to provide an understanding to grasp the mechanism of gene editing in bacterial systems and its applications in biological research. Participants will be given hands-on training, along with lectures by eminent scientists.



Limited
Participants(20)
only

Registration Fee

3000/- : B.Sc, M.Sc students
and Ph.D scholars, Faculty
For details, Contact
Office: 8331997285(call)
Mob: 9704040432 (only
whatsapp, no calls)
Email: cfrdou@gmail.com

Venue

Central Facilities for Research and
Development
Osmania University
Hyderabad – 500 007

Spot registrations available



Schedule

Day-1

Introduction,
sgRNA Design, Cloning
strategy and trouble-
shooting

Day-2

Clone identification,
virus packaging, and
Transfection into cell
line

Day-3

Interpretation of results
and valedictory session

- Participants are requested to carry a fresh lab coat and a mask during the workshop.
- Lunch and tea will be provided.
- Timings: 10 am – 5:00 pm
- No TA/DA will be provided

Agenda

This rigorous three day program is ideal for students / scientists who are looking for a balanced theoretical and hands-on introduction to CRISPR toolkit. The program features lectures by eminent scientists working in the area of CRISPR/Cas9, along with intensive laboratory sessions for hands-on exposure.

Gene editing by CRISPR/Cas9 technology has several applications in basic research in academia and industry. A hands-on training in the field is therefore important in current scenario.

Coordinator

Dr Nishant Jain *MSc PhD*
Principal Scientist
Department of Applied Biology
CSIR-IICT, Hyderabad.



Convenor

Prof Sandeepa Burgula *MSc PhD*
Director, CFRD
Head, Dept of Microbiology
Osmania University
Hyderabad



Note: All the Registration Forms along with Payment Receipt should be mailed to the cfrdou@gmail.com

Registration Form

Name: _____

Designation: _____

Institute/ Industry: _____

Postal Address: _____

Phone Number: _____

Email Address: _____

Workshop: _____

Registration Fee: _____

Online payment Details: _____

Describe how this workshop programme would help in your current or future research activities

(100 words): Please attach your write-up.

Signature: _____

Date: _____