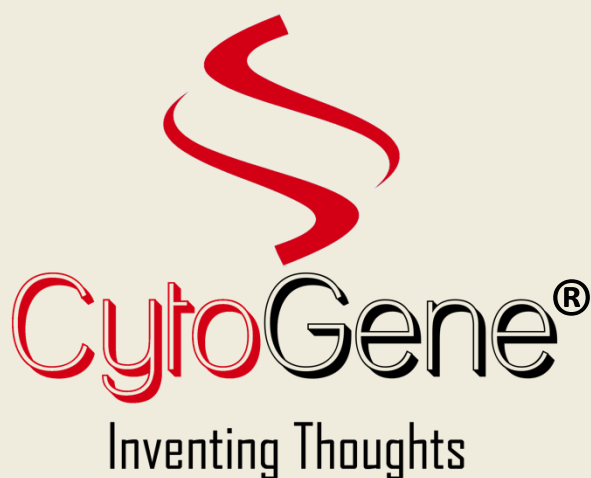


Seven days online workshop
on
**“Gene Cloning and Its Expression to produce
Genetically Modified Organism”**

26 June - 02 July, 2021 (05:00 pm – 08:00 pm)

@

Google Meet Platform



CYTOGENE RESEARCH & DEVELOPMENT

CSC (B) – 301, 2ND FLOOR OLD COMPLEX, SAHARA STATES,
JANKIPURAM, LUCKNOW -226021

www.cytogene.in

The concept behind:

CytoGene has designed the workshop to give participants a combination of lectures and laboratory experience using various techniques. Participants will have experience to various techniques used these day to clone a molecule or a gene. The live demo of experiments will clear the concept in mind about working of the techniques and steps involved in it.

Objectives of the Workshop:

The workshop aims at exposure of candidate to basics of techniques, its working & application. It will provide a platform to learn Techniques commonly used in gene cloning to get a better insight into molecular biology. It will also deal with transformation of gene between two Bacterial species.

Title: Gene Cloning and Its Expression to produce Genetically Modified Organism

List of Experiments to be performed:

- Genomic DNA Isolation (From Bacteria having GOI)
- PCR Amplification of Selected Gene
- Elution of Amplicon from gel
- Ligation of GOI in TA Cloning vector
- Competent cell preparation (DH5Alpha)
- Transformation (Heat Sock)
- Selection of Transformants on Antibiotic Enriched media
- Plasmid DNA Isolation (From Transformed Bacteria)
- Restriction Digestion to release GOI
- Ligation of GOI in Expression Vector
- Competent cell preparation (BL21)
- Transformation (Heat Sock)
- Selection of Transformants on Antibiotic rich media
- Protein Expression Analysis by SDS PAGE.

About the Hosting Institution:

CytoGene Research & Development, Lucknow is an autonomous Registered organization by Ministry of corporate affairs, Government of India under section 12 (1) of LLP Act 2008 & Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2008.

It facilitates Testing & Training services in various domains of Life Sciences. In the year 2011 CytoGene has officially come to an existence. Recently CytoGene has extended services in core testing services with establishment of fully equipped Laboratories.

10+ Years of experience

60+ Workshop conducted

65+ Research Paper Published

3000+ Candidate trained

Who Should Participate?

Students / Research Scholars / Faculty Members from any division of Life sciences

Registration Fee:

Rs. 900/- (Only soft copy Certificate will be provided by email)

How to register:

Download MS Word format of Registration form from our website www.cytogene.in and fill the form or ask us for form by email.

Send the duly filled registration form and payment screenshot by:

Email to workshop.cytogene@gmail.com

Whatsapp to 77-0309-5555

Mode of payment:

1) By online transfer / Cash deposit

Name : CytoGene Research & Development LLP

Type of account : Current

Bank name : Union Bank of India

A/C no. : 522601010036489

IFSC Code : UBIN0552267

Branch : Indira Nagar, Lucknow

2) By Phonepe

Name: SUJEET KUMAR SINGH

Mobile no: 8756658021

UPI ID: 8756658021@ybl

QR Code:



3) By Google pay

Name: SUJEET KUMAR SINGH

Mobile no: 8756658021

UPI: singh.sujeet121@oksbi

QR Code:



Important Dates:

Date of Notification: 15 June 2021

Start of registration: 15 June 2021

Last date of Registration: 24 June 2021

Date of Commencement of the workshop: 26 June 2021 (5 pm)

No of Seat: 90

Selection Process: First come first serve

Contact person:

Er. Sujeet Kumar Singh

Director

CytoGene Research & Development, Lucknow

+91-77-0309-5555

workshop.cytogene@gmail.com