



**HUMAN GENETICS RESEARCH CENTRE
SREE BALAJI DENTAL COLLEGE & HOSPITAL**

(SHARATHI INSTITUTE OF HIGHER EDUCATION & RESEARCH)

DST-FIST FUNDING FACILITY

CHANNAI



**" HANDS - ON
WORKSHOP ON
SINGLE NUCLEOTIDE
POLYMORPHISM
DETECTION AND
ANALYSIS "**



21st September, 2022

08:30 AM TO 4:00 PM

Venue : Human Genetics Research Centre

Registration Fee

Student : Rs 300

Faculty : Rs 500

Dr. J. Sri Nisha
Chairperson

Dr. S. Bhuvanesan
Registrar

Dr. S. Jeyan
In-charge

Dr. Usha Subbiah
Organizing Chairperson

"HANDS ON WORKSHOP ON SINGLE NUCLEOTIDE POLYMORPHISM DETECTION AND ANALYSIS"

ABSTRACT

Single nucleotide polymorphism (SNP) is one of the most common types of sequence variations and is at a single position in the genetic sequence. There are huge numbers of SNPs in the genome sequence and it is imperative to differentiate SNPs that are deleterious and neutral. Restriction fragment length polymorphism (RFLP) is a technique to identify SNPs and can be used to determine whether a person carries wild-type or variant genotypes. This workshop will focus on DNA isolation, polymerase chain reaction, SNP identification using RFLP and SNP Sanger sequencing data analysis.

PROGRAMME SCHEDULE

DNA Isolation and Quantification

PCR - RFLP

Electrophoresis and Gel documentation

Single Nucleotide Polymorphism (SNP) Detection

Sanger Sequencing Data Analysis for SNP

ORGANIZING COMMITTEE

HARINI V.
ADITHYAN A.

PAYMENT DETAILS

Draa Balaji Dental College and Hospital
Account Number : 39500220000037
Bank & Branch : Punjab National Bank,
PUNBAGHAT,
IFSC Code : PUNB0287030



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FOR ENQUIRY

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