

### Abstract submission for Oral and Poster Presentation :

Any original article related to Genomic Research are accepted for oral/poster presentation

1. Papers are invited for the conference
2. kindly follow the format for abstract as given below
  - a. Number of Words : 250 words
  - b. Font : Times New Roman, 12, Regular
  - c. Software : Microsoft Word 2010 or earlier versions
  - d. Last date for receiving abstracts is 20th May 2021.

**Structure of Abstracts :** Title, Name of the authors (Name, Initials; do not write Dr or designation, underline the presenting author, e-mail ID of presenting author should be written)

**Submission of Abstracts:** Email to [biochemistrycon2021@gmail.com](mailto:biochemistrycon2021@gmail.com)

Virtual paper and poster presentation guidelines will be sent to the registered participants through e mail.

### Important Dates to Remember:

Last date to submit Abstract for poster and oral presentation: **20th May 2021**

Last date for conference registration- **25th May 2021**

For Registration kindly fill the Google form and mention the transaction ID NEFT/IMPS

Registraton link : <https://forms.gle/whNBQBBBZWKnZQr46>

A/c No: **20751450000028**

IFSC Code: **HDFC 0002075**

Net Banking:  
**HDFC Bank, Kelambakkam Branch.**

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Name of the account holder from which the funds are being transferred must also be clearly mentioned.

### Registration Fees:

Conference -Rs 100/- (Inclusive of 18%GST)  
Workshop-Rs 100/- (Inclusive of 18%GST)  
Oral/Poster Presentation-100/- (Inclusive of 18%GST)

**TNMC CERTIFICATE:  
RS 50/- HAS TO BE PAID**

Registration fees must be paid through  
**ONLINE NEFT ONLY**

Login details will be shared to the registered participants one day prior to the conference

For registration related queries contact : **Dr Santhini Gopalakrishnan.S - 7299069636**



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Hospital & Research Institute

**Chettinad Academy**

of Research and Education  
(Deemed to be University)

DEPARTMENT OF BIOCHEMISTRY

# National e-Conference and Workshop GENOMICS CONCLAVE 2021

Date : 27.05.2021 & 28.05.2021

Time: 09.00am - 04.00pm

PATRONS

**MRS. GEETHAMUTHIAH**  
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## Organizing Team



## Pre Conference Workshop on PCR Primer Design

Date : 27.05.2021 | Time: 09.00am - 04.00pm

### CALENDAR OF EVENTS

#### Day 1 SESSION 1A

| Time              | Title  | L/P                     | Online tools          |
|-------------------|--|-------------------------|-----------------------|
| 09.00am - 09:30am | Registration   |                         |                       |
| 09.30am - 10:10am | Introduction to Genome, Chromosome, Nucleic acids & Genes  | Lecture 1               |                       |
| 10.15am - 10:45am | Introduction to biological databases NCBI etc Retrieval of information from biological databases | Lecture 2/<br>Practical | NCBI, EMBL, DDBJ, etc |
| 10.45am - 11:00am | <b>Tea Break</b>   |                         |                       |
| 11.00am - 11:30am | Introduction to PCR & Primers  | Lecture 3               |                       |
| 11.35am - 12:30am | PCR primers Designing  | Practical 1             | Primer- BLAST         |
| 12.30pm - 01:15pm | <b>Lunch Break</b>   |                         |                       |
| 01.15pm - 02:00pm | Quality checking of the Designed Primers   | Practical 2             | OligoAnalyzer 3.1     |
| 02.00pm - 02:45pm | Analysis of specificity of the primer by In-silico PCR   | Practical 3             | UCSC In-Silico PCR    |
| 02.45pm - 03:15pm | <b>Tea Break</b>   |                         |                       |
| 03.15pm - 04:00pm | Discussion   |                         |                       |

**SESSION 1B**

**Oral and Poster presentation**

## SCIENTIFIC SESSION

Date : 28.05.2021 | Time: 08.00am - 04.00pm

### CALENDAR OF EVENTS

#### Day 2

| Time            | TOPIC  | SPEAKER  |
|-----------------|--|--|
| 8:00am-8.30am   | Registration   |  |
| 8:30am-9:30am   | Bedside to Bench to Bedside: The Saga of Genetic Testing               | <b>Dr Giriraj Chandak</b> , MD, PhD, DNB<br>Chief Scientist & Group Leader<br>CSIR-Centre for Cellular and Molecular Biology, Hyderabad.   |
| 9:30am-10:00am  | Inauguration   |  |
| 10.00am-10.15am | Tea Break  |  |
| 10.15am-11.00am | DNA markers in human health  | <b>Dr Prashant Vishwanath</b> , MD.Ph.D,<br>Professor, Department of Biochemistry, JSS Medical College, JSS AHER, Mysuru   |
| 11.05am-12:00pm | Micro RNA -small molecule with big prospects                           | <b>Dr Rebecca James</b> , MD<br>Assistant Professor, Department of Biochemistry, Govt Medical College, Kozhikode, Kerala   |
| 12:00pm-12:45pm | Diagnostic and therapeutic implications of micro RNA in human diseases | <b>Dr Akila Prashant</b> , MD, Ph.D,<br>PG Dip Genomic medicine(UK)<br>Professor, Department of Biochemistry, JSS Medical College, JSS AHER, Mysuru  |
| 12:45pm-1:30pm  | Lunch Break  |  |
| 1:30pm-2:15pm   | A birds eye view of single nucleotide polymorphism                     | <b>Dr Shanmugapriya C</b> , MD<br>Prof &HOD, Department of Biochemistry, Govt Thoothukudi Medical College, Tamil Nadu  |
| 2:20pm-3:10pm   | Whole genome SNP study using next gen sequence                         | <b>Dr Srinivas H</b> , MD, DNB, Ph.D,<br>MNAMS, Dip in Community Mental Health(NIMHANS)<br>Assistant Professor, Department of Biochemistry, Bowring & Lady Curzon Medical College, Bangalore |
| 3:15pm-4:00pm   | Valedictory function   |  |