

## **TENTATIVE SCHEDULE (Final schedule will be shared soon)**

### **Day 1**

#### **Morning session**

(20 minutes each, 4 sessions followed by 20 minutes of discussion)

7:00 -8:30 AM Inauguration of Preamble of conference

#### **Epidemiology, unprecedented impact, and uncertainty of COVID 19**

Epidemiology of COVID 19

Tea break

Global impact of COVID 19

Uncertainty and perspectives of COVID 19

**11:00 AM-4:00 PM BREAK**

#### **Afternoon session**

#### **Past, present, future of viral epidemics and pandemics**

Past viral diseases and how they were conquered

Emerging viral diseases

Comparison of other viruses with COVID 19 and way forward

Poster presentation pertaining to first day topics

Industry session

Debriefing

## Day 2

### Morning session

#### Functional genomics, biotechnology, and bioinformatics of COVID 19

Genomic comparison of SARS-COV-1, MERS and SARS-COV-2

Population of SARS-COV-2 strains in India

Varied SARS-COV-2 strains globally

Multi-omics of COVID 19

Discussion

Tea break

#### PLENARY SESSION

Discussion

2 sessions on bioinformatics

Discussion

Uncertainty enigma of COVID 19

Discussion

11:00 AM-4:00 PM BREAK

### Afternoon session

Pathophysiology and viral replication of COVID 19

Pathology and pathogenesis of COVID 19

Discussion

Pathophysiology and pathology in high altitude

Discussion

Tea break

Poster presentation

Industry session

## Day 3

### Morning session

#### Diagnostic modalities

Accreditation and global standards for establishing COVID lab

Antigen based diagnostic methodology for COVID 19

Antibody based diagnostic methodology for COVID 19

PCR based diagnostic methodology for COVID 19

Other novel diagnostic methodologies like CBNAAT

NGS based diagnostic methodology for COVID 19

Discussions

Tea break

Diagnostic dilemmas in COVID 19

Industry session

11:00 AM-4:00 PM BREAK

### Afternoon session

#### Implications on diseases and co-morbidities and its management in COVID 19

Cardiac condition and its effects on COVID 19

Hypertension and its effects on COVID 19

Diabetics and its effects on COVID 19 patients

Discussion

Tea break

Multi organ failure and its effects on COVID 19 patients

Auto immune disorders and its effects on COVID 19 patients

Coagulation disorders and its effects on COVID 19 patients

Other respiratory disorders and their effects on COVID 19

Discussion

Poster presentation

## **DAY 4**

### **Morning session**

#### **ICU management in COVID**

ABG interpretation

HVAC in ICU

Role of NIV and HFNC in ICU

Cytokine Release Syndrome

### **Afternoon Session**

#### **Novel therapeutics**

Repurposing of drugs

Other novel therapies

Plasma therapy

Vaccine development

Nanotechnology

CRISPR Cas-9

Stem Cell Therapy