

CONFERENCE SCHEDULE

Day 1

Morning session

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

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

Epidemiology, unprecedented impact, and uncertainty of COVID 19

8:30-10:00 Epidemiology of COVID 19

10:00-10:15 Tea break

10:15-10:35 Global impact of COVID 19

10:35-10:55 Uncertainty and perspectives of COVID 19

11:00-4: 00 BREAK

Afternoon session

Past, present, future of viral epidemics and pandemics

4:00-4:45 Past viral diseases and how they were conquered

5:30-6:15 Emerging viral diseases

6:15-7:00 Comparison of other viruses with COVID 19 and way forward

7:00-7:30 Poster presentation pertaining to first day topics

7:30-8:00 Industry session

8:00-8:15 Debriefing

Day 2

Morning session

Functional genomics, biotechnology, and bioinformatics of COVID 19

7:00-7:20 Genomic comparison of SARS-COV-1, MERS and SARS-COV-2

7:20-7:40 Population of SARS-COV-2 strains in India

7:40-8:00 Varied SARS-COV-2 strains globally

8:00-8:30 Multi-omics of COVID 19

8:30-9:50 Discussion

9:50-10:00 Tea break

10:00-11:00 PLANNARY SESSION

10:20-10:30 Discussion

9:30-10:10 2 sessions on bioinformatics

10:10-10:30 Discussion

10:30-10:50 Uncertainty enigma of COVID 19

10:50-11:00 Discussion

11:00-4:00 BREAK

Afternoon session

4:00-4:20 Pathophysiology and viral replication of COVID 19

4:20-4:40 Pathology and pathogenesis of COVID 19

4:40-5:00 Discussion

5:00-5:50 Pathophysiology and pathology in high altitude

5:50-6:00 Discussion

6:00-6:10 Tea break

6:10-7:00 Poster presentation

7:00-8:00 Industry session

Day 3

Morning session **Diagnostic modalities**

7:00-7:20 Accreditation and global standards for establishing COVID lab

7:20-7:40 Antigen based diagnostic methodology for COVID 19

7:40-8:00 Antibody based diagnostic methodology for COVID 19

8:00- 8:20 PCR based diagnostic methodology for COVID 19

8:20-8:40 Other novel diagnostic methodologies like CBNAAT

8:40-9:00 NGS based diagnostic methodology for COVID 19

9:00-9:30 Discussions

9:30-9:45 Tea break

9:45-10:05 Diagnostic dilemmas in COVID 19

10:05-11:00 Industry session

11:00-4:00 BREAK

Afternoon session

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

4:00-4:20 Cardiac condition and its effects on COVID 19

4:20-4:40 Hypertension and its effects on COVID 19

4:40-5:00 Diabetics and its effects on COVID 19 patients

5:00-5:20 Discussion

5:15- 5:30 Tea break

5:30-5:50 Multi organ failure and its effects on COVID 19 patients

5:50-6:10 Auto immune disorders and its effects on COVID 19 patients

6:10-6:30 Coagulation disorders and its effects on COVID 19 patients

6:30-6:50 Other respiratory disorders and their effects on COVID 19

6:50-7:10 Discussion

7:10-8:00 Poster presentation

DAY 4

Morning session

ICU management in COVID

7:00-7:20 ABG interpretation

7:20-7:40 HVAC in ICU

7:40-8:00 role of NIV and HFNC in ICU

8:00-8:20 Cytokine Release Syndrome

8:20-8:40

Afternoon Session

Novel therapeutics

4:20-4:40 Repurposing of drugs

4:40-5:00 Other novel therapies

5:00-5:20 Plasma therapy

5:20-5:40 Vaccine development

5:40-6:00 Nanotechnology

6:00-6:20 CRISPR Cas-9

6:20-6:40 Stem Cell Therapy

6:40-7:00