

Summary of talk

Day – 1 - 07/06/2020

1. **Prof Thuppil Venkatesh:** "Large testing facilities is the need of the day. The trains carrying migrant workers should have the facility to test migrants. Any diagnostic test is required to provide accurate and reliable result which has to of assured quality. This need to be demonstrated through third party certification or accreditation as per the guidelines provides by ISO 15189:2012."
2. **Prof. V. Ravi:** Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) a coronavirus that causes a severe acute respiratory diseases in humans called CoVid 19 (Corona Virus Disease 19), as it was first reported in December 2019.
3. **Dr.Sathyanarayan M.S:** Corona Virus Disease- 19 (COVID-19), caused by SARS-CoV-2 has affected millions across the globe. World Health Organization (WHO) has promoted the strategy “Test, Test and Test” of suspected cases to address the issue. The role of laboratory in tackling the pandemic caused by SARS-CoV-2 is crucial.
4. **Dr. Md. Imtaiyaz Hassan:** The sudden emergence of severe respiratory disease, caused by a novel coronavirus (SARS- CoV-2), become a public health emergency. Genome sequence analysis of SARS-CoV-2 revealed a close resemblance to the severe acute respiratory syndrome coronavirus (SARS- CoV) and Middle East respiratory syndrome coronavirus (MERS-CoV).
5. **Prof. Gustavo Zubieta-Calleja:** High altitude medicine studied during 50 years at the High Altitude Pulmonary and Pathology Institute in La Paz, Bolivia 3600m, has provided insights into COVID-19. The pathophysiology has been poorly understood and initially, word got around that it was a SARS (Severe Acute Respiratory Syndrome) pneumonia.

6. **Dr.Gangadharan G.G:** The COVID-19 pandemic is the latest novel disease causing agent in the world, and has health officials and policy makers scrambling to find a solution. The disease itself remains incompletely understood, and seven months after its first occurrence in Wuhan China, conventional medicine is yet to identify a cure or a vaccine.
7. **Dr.Somasundaram:** A novel corona virus (SARS-CoV-2) causes acute respiratory disease (Coronavirus disease 2019; COVID-19), which was initially found in China but now it is spread all over the world. World Health Organization (WHO) declared COVID-19 as a pandemic disease on March 11, 2020. While the number of COVID-19 cases has increased to more than 6.6 million world-wide(<https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>), it has just crossed over two lakhs in India (<https://www.mohfw.gov.in/>) (as on 5thJune, 2020).
8. **Dr. Kathryn Lane Rossi:** We explore 1-Stage Creative development of PsychoSocial Genomic through Virabhadra, the Warrior. How do the ethics of yama and niyama, ancient stories and movement through asana impact our conscious growth, understanding and comfort in this current world of confusion? Can we map actual gene expressions to these behaviors in real time for individual seekers?

Day – 2, 8/06/2020

1. **Dr.Abhyuday Kumar:** 80 % of the patients with COVID 19 show either mild or no symptoms. Rest will have moderate and severe symptoms and treatment is given depending on the severity. Infection prevention control is a critical and integral part of the

clinical management of patients and should be initiated at the point of entry of the patient to the hospital and to be followed throughout the course in hospitals.

2. **Dr. Debasis Bakshi:** “Acupuncture”, is an ancient and traditional system of medicine for the treatment of medical problems, which means puncturing standard needles (Acupuncture needles) at appropriate sites of the body, called Acupuncture points (Acu point).
3. **Prof. Kusal K Das:** COVID-19 due to SARS-CoV2, a rapidly spreading new strain of coronavirus, has affected more than 200 Countries and received worldwide attention. The main protease (M^{Pro}) controls and manages the life cycle of this corona virus. Das and his group studied on screening of novel inhibitors against target protein through computer aided drug discovery.
4. **Dr. Chitra Pattabiraman:** We used whole genome sequencing of SARS-CoV-2 genomes to perform genomic epidemiology of COVID-19 in Karnataka. We were able to identify multiple clusters across 6 high burden districts in Karnataka.
5. **Dr. Girma Ababi:**
6. **Prof. Augusto Ittig:** "IN COVID 19 Pandemia one of the strategies is to decrease the contact between suspected and confirmed Coronavirus patients is the use of Telemedicine, going from presential to virtual care. It not only prevents infections, but also preserves health personnel so that they can continue working throughout the pandemic.
7. **Dr. M. Anuradha:** Globally there is an increasing trend towards mental ailments for multiple reasons including lifestyle and stress factors. There is promising interest in utilization of alternate methods which can improve the mental health. The adjunctive use

of nutrition and nutraceuticals has the potential to modulate the symptoms of mental illness including depression and mood disorders.

8. **Dr.KarMuthumani:**

8/06/2020

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16. **Dr.KarMuthumani:**

Day – 3, 09/06/2020

1. **Dr.M.Manoharan:** Acupuncture is a system of medicine which is more than 5000 years old, considers human being is a part of nature and connection between heaven and earth. Heaven being the yang aspect and earth is the yin aspect ,the human being is controlled by the forces of yin and yang.
2. **Prof. Ravi K:**
3. **Prof. Pradeep Kumar Gupta:** The speaker's primary aim in this talk is to share his experience of treating Corona virus infected cases with Homoeopathy. The speaker is a primary investigator and an integral part of research projects which are being conducted for novel corona virus - Covid 19 infection. The global public health emergency of COVID-19 pandemic disease caused by severe acute upper/lower

respiratory distress syndrome coronavirus 2 has been unfolding rapidly that emerged in Wuhan, China and has now spread to at least 212 countries.

4. **Dr. Arun S:** Nucleic acid vaccines (NAVs) based on either plasmid DNA or mRNA are being developed as a means to combine the positive attributes of live-attenuated and subunit vaccines. Genetically engineered DNA/RNA can be delivered in vaccine form, which has a remarkable record of safety and immunogenicity in numerous recent clinical trials.
5. **Dr. Oscar Murillo:** COVID-19 related fatalities account as of today for 110,000 deaths in the United States Long-term care residents in our nursing facilities account for 40% of those fatalities. I will relate my experience in taking care of the COVID-19 patients in the nursing home environment who wished to remain in the nursing home.
6. **Prof. Darshan Shankar:**
7. **Dr.Suvarthi Das:** The novel coronavirus nCoV, now named SARS-CoV2, surfaced in Wuhan city of Hubei province, China for the first time in late 2019. Since COVID-19 was declared a pandemic, there has been a pressing need for rapid diagnostics and immediate therapeutic approaches. Mass antibody testing efforts have come to the forefront amid these, as they can in most cases, rapidly provide an overall broader scenario of the infection status and can successfully detect asymptomatic transmissions.
8. **Dr.GiuseppeMiserocchi:** Covid pneumonia, currently referred to as “interstitial pneumonia”, is a specific case of acute respiratory failure due to remarkable gas diffusion limitation. This talk will review the very first steps triggering a sequence of events leading to severe lung edema that ultimately characterizes what is commonly

referred to as “acute interstitial lung disease”. These events occur within the first 3-4 hours after a trigger event.

9. **Dr. Meenakshi Iyer:** Consensus subunit vaccines have been designed for a variety of pathogens, including viruses, in which conventional vaccine strategies failed to induce immune responses (Sette et al., 2001; Sette and Fikes, 2003). This strategy has shown promising results in genetically complex pathogens such as, HIV, influenza A virus, among others (Meyerhoff et al., 2017; Carter et al., 2016; Vijayachari et al.; 2015).

10. **Dr. Taslim Arif Saiyed:**

Poster titled “Covid-19: Visualizing the Indian Scenerio” by Priyanjali Dias, Anagha Bhagat, Sahina Sabnam and Dr. Sneha Joshi was adjudged the best poster of the conference.