Webinars on Covid19
During Lockdown Period to Students & Staffs of JSS STU
Under
Ek Bharat Shrestha Bharat Program

Date: 28-04-2020 to 08-05-2020 (Total Seven Webinars)

Details of webinars organized/presented by Department of Biotechnology

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<th>Date</th>
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<th>Speaker</th>
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<td>28.4.2020</td>
<td>“Recent Trends in Cancer Immunotherapy and Application to COVID-19”</td>
<td>Dr. Kirthana Sindhe, Scientific Manager, Zumotor Biologics, Bangalore</td>
<td>Dr.N.Hara Prasad &amp; Dr.B.P.Hema</td>
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<td>“Intellectual Property- Avenues and Career opportunities in Biotech and Pharma sector”</td>
<td>Ms. Remya Tilakan, Principal Patent Information specialist, Novo Nordisk, Bangalore</td>
<td>Dr.N.Hara Prasad &amp; Dr.B.P.Hema</td>
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<td>4.5.2020</td>
<td>“The Science of COVID-19: An overview”</td>
<td>Dr.M.N. Nagendra Prasad, Associate Professor &amp; Head,</td>
<td>Department of Microbiology and Biotechnology, Little flower</td>
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<td>4</td>
<td>5.5.2020</td>
<td>“How should we conduct in the current COVID-19 pandemic situation”</td>
<td>Dr. Bhavani Shankar, Director, Ms. Schevaran Innovation Centre, Schevaran Laboratories, Mysore</td>
<td>Dr. S. Nanjunda Swamy, Dr. M. N. Nagendra Prasad &amp; Prof. Maheshan 125 online + 200 students &amp; faculty from Suttur free School.</td>
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<td>5</td>
<td>5.5.2020</td>
<td>“The Science of COVID 19”</td>
<td>Dr. M. N. Nagendra Prasad, Associate Professor &amp; Head, Department of Biotechnology, JSSSTU, Mysore</td>
<td>Dr. S. Nanjunda Swamy 100</td>
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<td>6</td>
<td>7.5.2020</td>
<td>“An overview of COVID 19: Past, present &amp; future”</td>
<td>Dr. M. N. Nagendra Prasad, Associate Professor &amp; Head, Department of Biotechnology, JSSSTU, Mysore</td>
<td>Dr. S. Nanjunda Swamy &amp; Prof. Pradeep, Management Studies 175</td>
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<td>7</td>
<td>8.5.2020</td>
<td>“COVID-19: Viral biology, pathogenesis and pharmacological interventions – What we know so far and what needs to be done-A Researchers Perspective”</td>
<td>Dr. Raghavendra P Rao, Principal Scientist, The Himalaya Drug Company, Bangalore</td>
<td>Dr. S. Nanjunda Swamy, Dr. M. N. Nagendra Prasad &amp; Prof. Maheshan 125</td>
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1012 Participants
Pictures & Posters:
COVID-19 pandemic is spreading like a wild fire although some level of control has been established in India. Unless all of us join hands to control it, the spreading continues. What is our bit of duty is the question.

COVID-19 is a viral disease and we are fighting with an invisible enemy which makes the fight complicated. To fight with an enemy, we should understand the weakness of the enemy to make our fight easy. Some of the weaknesses of our current enemy as per the available evidence are the virus has a protein encapsulation, it does not spread through a vector & it does not spread through food/water or air.

When there is a problem in our life, we either panic or get worried. But rather we should think calmly to tackle the situation. Under the current situation thinking is already done by World Health Organization (WHO) and the Governments at Centre and the states. We only need to act and act rightly, which is now our sole duty.

There are three aspects in our duty, that how we should conduct during lockdown and post lockdown,

a. Personal conduct
b. Social conduct
c. Institutional conduct.

Several dos and don'ts have been laid down. We only need to follow them in the right way. Nothing else can help to alleviate the situation. To do the things rightly, we need to understand the dos and don'ts which helps us to follow the instructions meaningfully and purposefully.

Let us try to understand the various dos and don'ts laid down by the WHO and Govt.
"COVID-19 - Viral biology, pathogenesis and pharmacological interventions - What we know so far and what needs to be done - A Researcher's Perspective"

The COVID-19 disease that originated in China by the end of 2019 has now become a pandemic and has affected 231 countries across the globe as on 30 April 2020 (WHO situation report 100, 29 March 2020). The research community across the world is uncompromisingly working on possible solutions and therapies for COVID-19. The main research areas of focus are – Small molecule therapy, vaccine therapy, antibody therapy and alternative medicine.

The talk is intended to address the following aspects of COVID-19

- Basic biology of Virus and their disease
- Basics of SARS-COV2 virus and COVID-19
- Scientific perspectives on conspiracy theories around SARS-COV2 virus (Scientific perspective)
- Current advances in pharmacotherapy for COVID-19
- Scope for immune boosters and phytopharmacy

Dr. Raghavendra P Rao
Principal Scientist
Discovery Sciences Group
The Himalaya Drug Company, Bengaluru, Karnataka, India

He is a Biochemist/Cell biologist with an experience of more than 15 years in diverse areas such as drug discovery, drug target validation, Genetically engineered mouse models, nutraceuticals and their therapeutic actions. Currently, Dr. Raghvendra P Rao is working as a Principal scientist at the Himalaya Drug Company, involved in conceptualization and designing novel products for different indications. Interested in different therapeutic areas – fibrosis, diabetes, nutrition and cachexia, and execute these assays for validation of range of pharma products developed at Himalaya Drug Company. Previously he has worked as a Lead Scientist / Project manager (2011 – 2015), Connexios Life Sciences PVT LTD. He has worked as a Post doctoral fellow (2008-2011), National Cancer Institute (NIH), USA.

For more details
Dr. S. Nanjunda Swamy 984 424 6875  
Dr. M. N. Nagendra Prasad 988 649 0588

For free online registration click here: https://forms.gle/nkYbGxnkzqkc87GA8

Date : 8th May 2020, Friday, Time: 12.00 to 1.00 pm
RECENT TRENDS IN CANCER IMMUNOTHERAPY AND APPLICATION TO COVID-19

About the Speaker

KIRTHANA M.V. SINDHE, Ph.D
Scientific Manager, Zumutor biologics

WEBINAR ORGANIZED BY DEPARTMENT OF BIOTECHNOLOGY

April 28, 2020
Time: 11:30 AM

Who can attend
- Faculty
- Research Scholars
- Students interested in the area of life science

Kindly Register at https://forms.gle/bjyyPPAg3t3SN1LE7 to confirm your participation

For More Details, Contact
Dr. HARAPRASAD N
Phone: 09513-501-242
Dr. HEMA B P
Phone: 09686-677-599