

MARIS STELLA COLLEGE (AUTONOMOUS)

Department of Biotechnology

2020-2021

International webinar

The recent outbreak of COVID-19 in Wuhan turned into a public health emergency of international concern. It has crashed the economics, broken health care systems, filled hospitals and emptied public spaces. Developing a safe and effective COVID-19 vaccine is a global priority to end this pandemic. Researchers worldwide are working round the clock to find a vaccine against SARS-CoV-2, the virus causing the COVID-19 pandemic. However, previous attempts to develop vaccine against coronavirus diseases, SARS and MERS led to the gathering of considerable knowledge about the structure and function of coronavirus which accelerated rapid development. As a stakeholders in higher education and in particular as a Department of Biotechnology on 9-06-2020 with Resource person Dr.Rajkumar Vutukuri Ph.D, PDF Department of Neurology and NeuroSurgery Frankfurt University,Germany has delivered a talk. An overall 456 participants attended the session and we take it as a responsibility to disseminate knowledge of the progress of vaccine preparation against COVID-19.

MARIS STELLA COLLEGE (AUTONOMOUS)
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INVITATION
DEPARTMENT OF BIOTECHNOLOGY
ORGANIZING AN INTERNATIONAL
WEBINAR ON
**"HOW NEAR IS THE
CORONA END-VACCINES
AND DRUGS ON TRIAL"**
DATE-9-06-2020
TIME: 2:00 PM (INDIA)
10:30AM (GERMANY)
FREE WEBINAR LINK:
<https://forms.gle/nzwwDQnb2MqnTm5BA>
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ABOUT WEBINAR
The recent outbreak of COVID-19 in Wuhan turned into a public health emergency of international concern. As per WHO reports, the virus has spread to almost every country, infecting at least 2,038,234 and leading to the death of 3,67,255, as on 31st May 2020. It has crashed economies, broken healthcare systems, filled hospitals and emptied public spaces. It has disrupted modern society on a scale that most living people have never witnessed. What no one knows yet is how the pandemic will end. This coronavirus is unprecedented in the combination of its easy transmissibility, a range of symptoms going from none at all to deadly, and the extent to which it has disrupted the world. Developing a safe and effective COVID-19 vaccine is a global priority to end this pandemic. Researchers worldwide are working round the clock to find a vaccine against SARS-CoV-2, the virus causing the COVID-19 pandemic. However, previous attempts to develop a vaccine against the coronavirus diseases, SARS and MERS led to the gathering of considerable knowledge about the structure and function of coronaviruses - which accelerated rapid development during early 2020 of varied technology platforms for a COVID-19 vaccine - but all the previous coronavirus vaccine candidates failed in early-stage clinical trials, with none being advanced to licensing. As stakeholders in higher education and in particular as a Department of Biotechnology, we take it as our responsibility to disseminate knowledge of the progress of vaccine preparation against the COVID-19. This International Webinar is our contribution to raising awareness of the current situation to our fight to conquer COVID-19.

KEYNOTE SPEAKER:
DR. RAJ KUMAR VUTUKURI
DEPARTMENT OF NEUROLOGY AND NEUROSURGERY
UNIVERSITY CLINIC
FRANKFURT, GERMANY
VUTUKURI@MED.uni-frankfurt.de

CO-CHAIRMAN:
Mrs. T. Rajeswari, M.Sc
Department of Biotechnology

Chief guest:
Dr. Sr. Jashitha Quadras, BSc
Principal, Maris Stella college

Convener:
J. Laxma M.Sc, B.Ed, APSET
HOD, Department of
Biotechnology,
Maris Stella College,
Vijayawada.

Webinar MSC is presenting

How near is the Corona end -
Vaccines and drugs on trial

Rajkumar Vutukuri
Webinar- Maris Stella college
09/06/2020

Participants: perani 22 and 127 more, Kalyan, Sarmista Banu, Sufyan Khattab, ng Swati, Shobhi Jasti, Haji Manjira

INTERNATIONAL WEBINAR

Department of Biotechnology on 20 February 2021 with Resource person Dr. Digumarthi V S Sudhakar, Scientist C, Department of Gamete Immunology, ICMR- National Institute for Research in Reproductive Health, Mumbai, Maharashtra, India has delivered a talk on “m-RNA vaccines: A New Era in Vaccination”. He has thrown light on origin of vaccine development that is from pre 18th century to the present pandemic time. He also enlightened us on different types of vaccines, generation of immune responses to vaccine, mRNA vaccine pharmacology, Clinical trials with mRNA vaccines against cancer and mechanisms of working on how COVAXINTM - India's First Indigenous COVID-19 COVISHIELD™ (manufactured by Serum Institute of India Pvt Ltd) and COVID-19 Vaccine AstraZeneca (manufactured by AstraZeneca) are ChAdOx1nCoV- 19 Corona Virus Vaccines (Recombinant) in fighting against pandemic time. A total of 130 participants attended the session and we take it as a responsibility to disseminate knowledge of the progress of mRNA vaccines preparation against different diseases and infections.

