

**Three Days International Webinar
On
“ Present and Future Strategies to
combat emerging
and
re-emerging contagious diseases”**



**Organised By
Department of Microbiology,
The University of Burdwan.**

Date: August 16th, 17th and 18th, 2020.

Web Platform: Google Meet

Registration Link: <https://forms.gle/bZT6cjinPsuT7MTA28>

Patron:

Prof. Nimai Chandra Saha. (Hon'ble Vice-chancellor, B.U.)

Advisory Committee:

Prof. Ashis Kumar Panigrahi, Hon'ble Pro Vice Chancellor, B.U.

Prof. Pabitra Kumar Chakrabarti, Dean, Faculty of Sciences, B.U.

Prof. Ramen Kumar Sar, Dean, Faculty of Arts, Commerce, Law etc.,B.U.

Prof. Abhijit Mazumdar, Registrar, B.U.

Dr. Indrani Chandra - HOD, Dept. of Biotechnology, B.U.

Prof. Sikha Datta-HOD, Dept. of Botany, B.U.

Prof. Soumendranath Chatterjee -HOD, Dept. of Zoology, B.U.

Prof. Anupam Basu, Dept. of Zoology, B.U.

Prof. Alok Kumar Sil, Dept. of Microbiology University of Calcutta

Prof. Samir Kumar Mukherjee, Dept. of Microbiology, University of Kalyani

Organising Committee:

Chairman- Prof. Subhra Kanti Mukhopadhyay (Head of the Department, Microbiology, B.U.)

Dr. Pradipta Saha– Jt. Covener

Dr. Somasri Dam– Jt. Convener

Dr. Debdoot Gupta

Dr. Urmimala Sen

Dr. Payel Choudhury

Objective of the webinar:

Presently, Covid-19 pandemic making havoc threat throughout the world. Though the novel coronavirus is taking the limelight in the present scenario, apart from that, many countries have experienced epidemics caused by various other emerging infectious viral and bacterial pathogens over the past few years. Several outbreaks like SARS (Severe Acute Respiratory Syndrome), MERS (Middle East Respiratory Syndrome), Cholera, Dengue, Ebola, Chikungunya, Tuberculosis etc. were detected, investigated, and combated in many countries in the last few years. These kind of pandemics and epidemics affect the socio-economic development and the health system of those countries badly. Different factors like poor economic condition, inadequate health system, insufficient diagnostic capacity, illiteracy, weak and inaccurate surveillance system, dense population, flow of refugees add fuel to the fire.

Though protecting people's health by combating disease outbreaks remains a national priority for most of the countries, rapid development of modern physical and mental health care facilities, discovery of diagnostic tools, vaccines and medicines against novel infectious pathogens are still insufficient to combat those unseen deadly enemies.

This webinar is aimed to determine the gaps, challenges, and priorities for combating the emerging and re-emerging infectious disease outbreaks.

A number of eminent Scientists and Professors of India and abroad will participate in this Webinar Lecture Series, who will share their thoughts regarding different aspects of emerging and re-emerging contagious diseases which may be used as a principle for making strategies to combat against those diseases.

Meet the experts:

- **Prof. Sharmila Sengupta**

Professor and Former director, NIBMG (National Institute of Biomedical Genomics), Kalyani, West Bengal

- **Prof. Kumkum Bhattacharya**

**SSKM Medical College & Hospital
Kolkata, West Bengal**

- **Dr. Krishan K Pandey**

**Associate Research Professor
Department of Molecular Microbiology and Immunology
1100 S. Grand Blvd
Saint Louis University Health Sciences Center
Saint Louis, MO 63104, USA**

- **Dr. Sougata Ghosh**

**Department of Microbiology, R K University, Gujarat
(currently working as Visiting Professor at the
Department of Chemical Engineering, Northeastern
University, Boston, M.A., USA).**

- **Dr. Sunny Chattopadhyay, MD Psychiatry,**

**Burdwan Medical College
Burdwan, West Bengal**

Schedule (Day-wise):

Day -1- 16.08.2020

Inauguration-9.30am

Welcome Address by HOD Microbiology

Inaugural Speech by Hon' ble Vice-Chancellor - Prof. Nimai Chandra Saha

Speech by- Honourable Pro-Vice-Chancellor Prof. Ashis Kumar Panigrahi

Speech by- Dean, Faculty of Science, Prof. Pabitra Kumar Chakrabarti

Speech by- Dean, Faculty of Arts, Prof. Ramen Kumar Sar

Speech by- The Registrar, BU- Prof. Abhijit Mazumdar

First lecture- 10.00- 11. 00 a.m.

Prof. Sharmila Sengupta, Topic- 'Infection and cancer: potential immunotherapeutic approach that can be extrapolated to the current pandemic'

Second Lecture- 11.10-12.10 p.m. (including discussion)-

Prof. Kumkum Bhattacharya, Topic- 'Drug resistance'

Day- 2- 17.08.2020

Lecture Session from 5.15 pm

First lecture- 5.30-6.30 pm (including discussion)

Dr. Krishan K Pandey, Topic- 'SARS-CoV2: Biology and vaccine approaches'

Second lecture- 6.40-7.40 pm (including discussion)

Dr. Sougata Ghosh, Topic- 'Nature to Nanotechnology: Emerging therapeutics'

Day 3- 18.08.2020

First Lecture from 9.00am- 10.00 am (including discussion)

Dr. Sunny Chattopadhyay, Topic- 'Moner Katha'

Presentation from the participants: 10.30 am onwards

Call for Abstracts:

Abstracts of original research works are invited from the interested researchers for presentation on Day 3. The abstracts are to be submitted through email: 'hodmicrobu2020@gmail.com'. Abstract should be written in English within 200 words in Times new Roman, 3-4 key words using 12 font sizes, with 1.5 line space and 2.5 cm margin on all sides in a single paragraph using PC based MS Word software. Joint presenter/Co-author(s)/ Corresponding Author may also present the paper but for this they also have to be registered submitting required registration fee separately. The duration of the presentation will be of 15 minutes including discussion(10 + 5 minutes). Content: The Abstract should indicate the original research/review work/findings/new technology/method developed. Author has to write his/her name along with co-authors name, mail id and affiliation. Name of the corresponding author should be star marked. **Acceptance will be intimated to the respective participant in due time. PPT should be submitted through mail after acceptance.**

Bank Details:

Name of the Beneficiary- Finance Officer

Account No.- 420110100019490

Bank Name- Bank Of India

Branch– Burdwan Branch, Kalna Road Badamtala

Burdwan– 713101, India

IFSC Code– BKID0004201

MICR– 713013102

SWIFT Code- BKIDINBBCOS

Important Notes:

- **The webinar link will be sent to the registered candidates through e-mail.**
- **Mere filling up of the registration form does not guarantee participation in the Webinar.**
- **Registration fee is non-refundable.**
- **Interested persons can participate in the Webinar without presenting research paper. In that case, registration form has to be filled up too. After scrutinizing the form, organizers will send confirmation email to the respective participant. On receiving the confirmation email, requisite fee has to be deposited online to the above-mentioned account, and a copy of receipt has to be sent through email to the Conveners to get the link of the Webinar.**
- **Certificates will be distributed online through registered mail-id to the participants who will deliver their research paper in the Paper Presentation Session.**

Important Dates:

Last date of submission of Abstract : 13.08.2020

Last date of Notification of acceptance : 15.08.2020

Last date of submission of Registration fee : 13.08.2020

Registration Fees:

Participants (Students/Research Scholars/Faculty members) who wants to present their Research Paper: Rs. 200.00 (Rupees Two Hundred only)

Participants (Research Scholars/Faculty members) without paper presentation other than Microbiology Department, BU: Rs. 50.00

Important Links

Link for Registration: <https://forms.gle/bZT6cjnPsuT7MTA28>

Link for the Webinar: (will be provided to the registered candidates in due time)

Link for feedback form: (will be provided to the registered candidates in due time)

Contact Details

Dr. Pradipta Saha and Dr. Somasri Dam

Joint Conveners,

Department of Microbiology,

The University of Burdwan,

Burdwan – 713104, West Bengal, India

E-mail: hodmicrobu2020@gmail.com

Contact number: 8697146797, 6294771522