

2020

*Brief Summary Report
National Webinar
“Drug Repurposing against
Covid-19”*



**Organized by
Department of Zoology
Nehru Gram Bharati
(Deemed to be University), Prayagraj**

June 21st 2020



Brief Summary report National Webinar on Drug- Repurposing against Covid-19

Organized by
Department of Zoology

I) GENERAL INFORMATION:



Name of the dept: **Department of Zoology**



Date and time of the Webinar: **21/06/2020 at 2P.M**



Theme/Topic of the Webinar: (please enclose brochure)
: Drug Repurposing against COVID-19

NATIONAL WEBINAR
ON
DRUG RE-PURPOSING AGAINST COVID-19
Organized by Department of Zoology
Nehru Gram Bharati (Deemed to be University), Prayagraj

Speakers:

- Sri J.N Misra, Hon'ble Chancellor
- Dr. S.C Tiwari, Hon'ble Vice Chancellor
- Dr. Ashok Kumar Tiwari, Senior Principal Scientist, IICT Hyderabad
- Dr. Pradeep K. Singh, IIT Delhi, Scientist Premas Biotech, Gurgaon
- Sri R.L Vishwakarma, Registrar
- Dr. Pawan Kumar Gupta, Assistant Professor Lovely Professional University, Punjab

Organizers:

- Convener:** Dr. Asheesh Shivam Mishra, Head, Zoology, NGB(DU), #7398608798
- Coordinator:** Dr. Rudra P. Ojha, Research Director, NGB(DU), #9140929496
- Organizing Secretary:** Dr. Sukrat Sinha, Asst Prof, Zoology, NGB(DU)

Join with Google meet:
meet.google.com/yng-ygog-hjc
Time: 2:00 pm on Sunday, June, 21st 2020

•Registration Free. Feed Back Link:
https://docs.google.com/forms/d/e/1FAIpQLSf6I_vWYf3XM_T9TfKuedloCtB-D-f7XxQ-dnTLUsP_EFqekGA/viewform?usp=sf_link
•E-certificate will be issued to all registered Participants



Aims and objectives of the Webinar:

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Aims and objectives of the Webinar: To understand the basis of drug repurposing and its significance. Drug repurposing, which is defined as identifying alternative uses for approved or investigational drugs outside their defined indication, could be a possible way to overcome the time limitation of research and development needed to design a therapeutic drug to combat the pathogen. Apart from having a lower risk of failure, most repurposed drugs have cleared phase I trials and require lower investment, but above all, the drug repurposing strategy drastically reduces the time frame for development. With tens of thousands of plant species on earth, we are endowed with an enormous wealth of medicinal remedies from Mother Nature. Natural products and their derivatives represent more than 50% of all the drugs in modern therapeutics. Because of the low success rate and huge capital investment need, the research and development of conventional drugs are very costly and difficult. The drug repurposing or repositioning approach thus can facilitate prompt clinical decisions at lower costs than *de novo* drug development



Presidential Address:(pl mention only name with designation)

: Hon'ble Chancellor and Patron Shri J.N Misra



Key note Address/Speaker:(pl mention only name, designation with representing Institution/University):

Dr. Ashok Kumar Tiwari, Senior Principal Scientist, ICT Hyderabad.

Title: महामारियां और मानव समाज: क्या परपज करें और क्या री-परपज करें



Other Invited Speakers(for technical session): Name with designation and representing organization along with topic/sub theme):

- 1. Dr. Pradeep Kumar Singh, Scientist Premas Biotech, Gurgaon**
Title: *Repurposing of traditional medicines against COVID-19*
- 2. Dr. Pawan Kumar Gupta: Assistant Professor, Lovely Professional University, Phagwara Punjab**
Title: *Insilico Drug Repurposing: An Over view*



Total No of beneficiaries/ participants attended: **244**



Name of the organizing secretary and convener:

Convener: Dr. Asheesh Shivam Mishra, Head, Department of Zoology

Coordinator: Dr. Rudra Prakash Ojha, Research Director


Organizing secretary: Dr. Sukrat Sinha, Assistant Professor, Department of Zoology



Technical assistance provided:

1. **Dr. Amitabh Chandra Dwivedi, Asst. Professor, Dept of Zoology**
2. **Mr. Sandeep Anand, Asst. Professor, Dept of Management**
3. **Mr. Ujjawal Das, Asst. Professor, Dept of Computer Application**

II) PROCEEDINGS: (pl enclose schedule/break up)



National Webinar

on

DRUG RE-PURPOSING AGAINST COVID -19

Organized by

Department of Zoology

Nehru Gram Bharati (Deemed to be University), Prayagraj

Programme Schedule

2:00 -2:05 PM	Welcome address : Dr. Asheesh Shivam Mishra
2:05 -2:10 PM	Introduction of speakers : Dr. Rudra Prakash Ojha
2:10 -2:20 PM	Address of Chairperson : Hon'ble Vice Chancellor , Dr. S.C. Tiwari
2:20 -2:40 PM	Keynote Address : Dr. Ashok Kumar Tiwari Topic: महामारियों और मानव समाज: क्या परपज करें और क्या री-परपज करें
2:40 -2:55 PM	Address of Speaker 1: Dr. Pradeep Kumar Singh Topic: Repurposing of Traditional Medicines against COVID-19
2:55-3:15 PM	Address of Speaker 2 : Dr. Pawan Kumar Gupta Topic: <i>Insilico</i> drug repurposing : An Overview
3:15 -3:25 PM	Presidential Address of Chief Patron : Hon'ble Chancellor , Sri J.N. Misra
3:25-3:30 PM	Vote of Thanks : Registrar Sri. R.L. Vishwakarma

Join with Google meet:
meet.google.com/yng-ygog-hjc
Time: 2:00 pm on Sunday, June, 21st 2020

➤ Registration Free, Registration link:
https://docs.google.com/forms/d/e/1FAIpQLSf61_vWYf3XM_T9TfKUcdloCtBD-f7XxQ-dnTLUsP_EFqekGA/viewform?usp=sf_link

➤ E-certificate will be issued to all registered Participants



Inaugural Session: (brief write up mentioning welcome, keynote, presidential address along with vote of thanks)

A National webinar entitled "Drug repurposing against COVID-19 " was organized by the Department of Zoology, Nehru Gram Bharati (Deemed to be University) on June 21st 2020. Welcome address was given by Dr. Asheesh Shivam Mishra, Head Department of Zoology and Convenor of the webinar. The webinar was chaired by Honorable Vice Chancellor and Patron Dr. S.C. Tiwari and blessed by the Presidential address of Honorable Chancellor and Chief Patron J.N Misra. The Keynote speaker Dr. Ashok Kumar Tiwari, Principal Senior Scientist, Indian Institute of Chemical Toxicology Hyderabad emphasized on the need of repurposing in our lifestyle. Vote of thanks was given by Registrar of NGB(DU) Mr R.L Viswakarma.



Technical session (brief write up):

1. **Dr. Pradeep Kumar Singh, Scientist Premas Biosciences Gurgaon blow light on "Repurposing of Traditional medicines against COVID-19". He elaborated the significance of kitchen garden plants and herbs for imparting immunity against the COVID-19 infection.**
2. **Dr. Pawan Kumar Gupta, Assistant Professor, Lovely Professional University elucidated "Insilico drug repurposing approaches against COVID-19". He elucidated the importance of repurposing in modern medicines. He discussed different approaches against drug repurposing.**

III) FEEDBACK/ outcome of the Webinar: (brief write up)

The webinar was very well appreciated by the Hon'ble Chancellor and Hon'ble Vice Chancellor. The faculties and participants also understood the logic and need behind drug repurposing.

IV) RESOLUTIONS/ RECOMMENDATIONS: (brief concluding write up remarks):

Drug repurposing is a fast and less costly option available for us in response to pandemics like COVID-19. We have the option to search suitable drugs from our drug library. It reduces the cost and time required for the discovery and clinical trials for new drugs

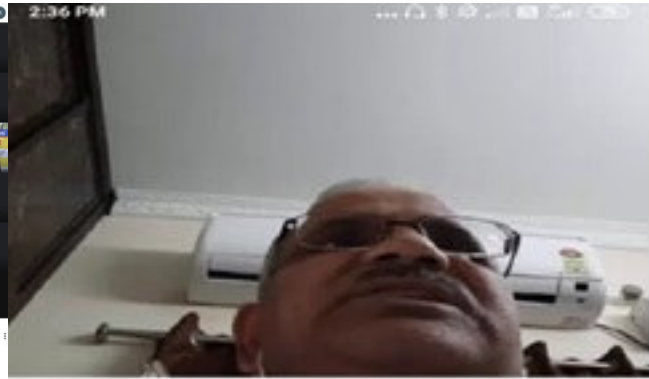
V) ENCLOSURES:



pl enclose at least one or two screen shots wherein max no of participants are visible.



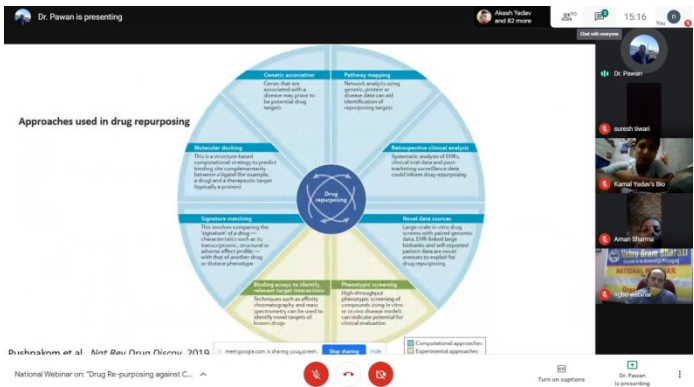
Hon,ble Chancellor Sir J.N. Mishra



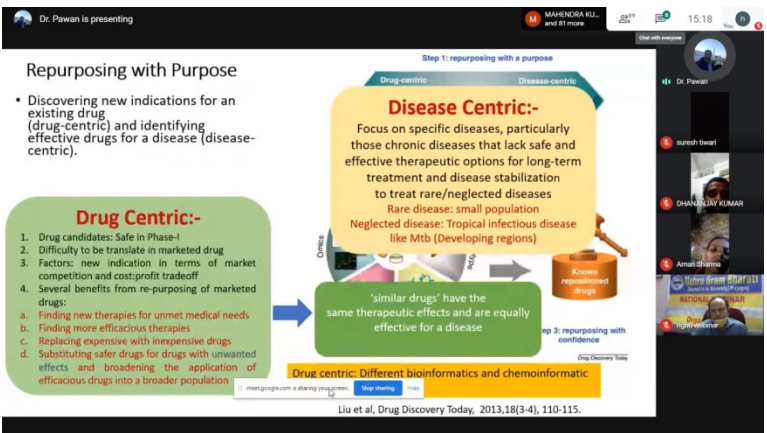
Key Note Speaker –Dr. Ashok K Tiwari



Convener: Dr. Asheesh Shivam Mishra



Webinar Committee



Power Point content Dr. Pawan Gupta



Sample copy of certificate provided to the participants.



Name of all teachers in the department, attended the webinar.

- Dr. Asheesh Shivam Misra
- Dr. Rudra P. Ojha
- Dr. Sukrat Sinha
- Dr. Amitabh Chandra Dwivedi



Name, email and tel nos of all participants: **Excel sheet attached**

<i>Asheesh Mishra</i>	<i>R. Ojha</i>	<i>Sinha</i>
(Dr. Asheesh Shivam Mishra) Convener	(Dr. Rudra P. Ojha) Coordinator	(Dr. Sukrat Sinha) Organizing Secretary