

# Inauguration and Welcome



Advanced Centre for Treatment, Research and Education in Cancer

Tata Memorial Centre

Jointly with

Mumbai Immunology Group

presents

**MERCK**

**GENNOVA**

**RUBHU**  
BIOLOGICS

bio*s*imilia

## Day of Immunology 2021

Webinar Symposium on

*Taming the Beast of Inflammation: COVID-19*

Thursday, 29<sup>th</sup> April, 2021

### Core Team

#### Patrons

Dr. Sudeep Gupta  
Director, ACTREC

Dr. S. Chiplunkar  
President, MIG

#### Chairperson

Dr. Prasanna V.  
Deputy Director, CRI-ACTREC

### Event Supporters

Mumbai Immunology Group  
Indian Immunology Society  
ACTREC Alumni Association  
Rubhu Biologics Inc.  
Biosimilia Pvt. Ltd.  
Merck Life Science Pvt. Ltd.  
Gennova Biopharmaceuticals Ltd.

Motive: Campaign for spreading awareness on immunology and allied fields

What's there: Those interested in immunology, genomics, protein structure, informatics, treatment, prevention, precaution, vaccines

Participants: Students, teachers, academicians, clinicians, clinician scientists

Registration : Free but mandatory. Please fill form on below link and get link to the event

<https://forms.gle/ART7FFy7mZsEck3YA>

Sessions: Talks, Demonstration, Interactive feast with eminent experts in the therapeutic management of current global health issue COVID-19

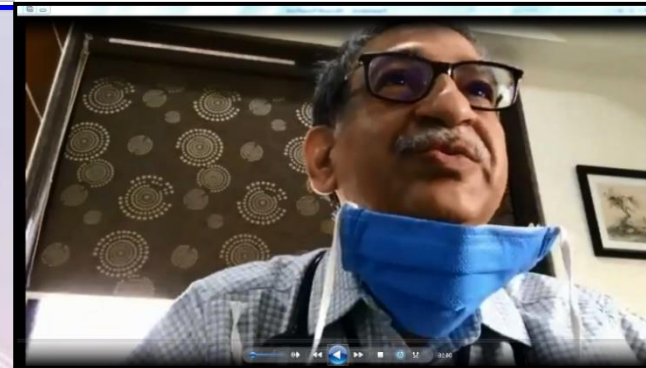
*Organizing Secretary*  
Dr. Jyoti Kode

*Event Coordinator*  
Dr. Ojaswini Upasani

*Team*  
Dr. Nirmal Kumar K.  
Ms. Shruti Kandeekar  
Mr. Naythan Dcunha  
Mr. Archisman Banerjee

**Creative Mind Award Contests (ACTREC)Two each**

Best Slogans  
Best Poetry  
Best Photos/ Sketches  
Best Videos/ Short Films  
Best Rangoli Art



**Dr Sudeep Gupta, Director ACTREC**



**Dr Prasanna V., Event Chairperson, Deputy Director CRI-ACTREC**



**Dr Jyoti Kode, Event Organizer**

## Invited Talks

# COVID-19 Vaccines: Taming the Beast of Immunity



## *Day of Immunology 2021*

Webinar Symposium on  
*Taming the Beast of Inflammation: COVID-19*

**Dr. Jyoti Kode**

Advanced Centre for Treatment, Research & Education in Cancer, Tata  
Memorial Centre, Kharghar, Navi Mumbai

[jkode@actrec.gov.in](mailto:jkode@actrec.gov.in)

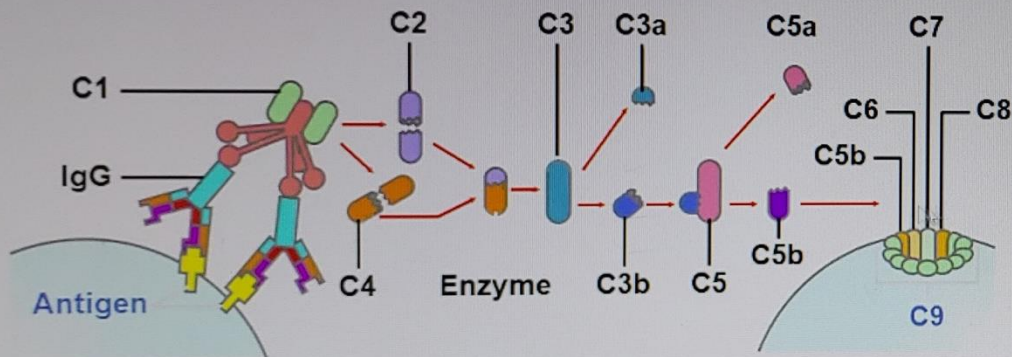


11:02



29<sup>th</sup> April, 2021

## Complement dependent cytotoxicity



Nirmal Kumar



Naythan Dcunha



ABHISHEK PAN...

# COVID-19: Role of Clinical Laboratory Testing & Biosafety

Dr. Preeti Chavan,  
OIC, Composite Lab,  
ACTREC-TMC



01:00:15



Play




TATA MEMORIAL CENTRE  
ADVANCED CENTRE FOR TREATMENT, RESEARCH AND EDUCATION IN CANCER  
"A Grant-in-Aid institute under Department of Atomic Energy, Govt of India"



## COVID-19 Genomics & Informatics

Amit Dutt, PhD

 @dutt\_lab

01:39:01



form - Google S x +

ow Help

ABC

**Biophysical drug-COVID / Host protein interactions demonstration**  
**(Modelling & MD Simulation)**

**Nikhil Gadewal**  
Scientific Officer 'E'  
Bioinformatics facility  
ACTREC, Tata Memorial Centre  
[ngadewal@actrec.gov.in](mailto:ngadewal@actrec.gov.in)

Webinar Symposium on  
*Taming the Beast of Inflammation: COVID-19*

Thursday, 29<sup>th</sup> April, 2021

02:47:21 | 97% | Slide 1 of 2 | Title Slide | 105%

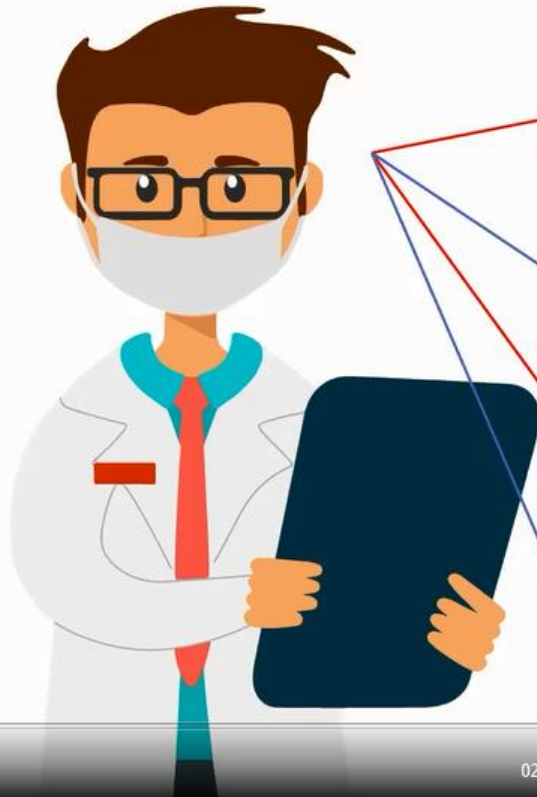
# Invited Talk/ Demonstration in progress by Mr Nikhil Gadewal

The screenshot displays a molecular docking software interface. The main window shows a 3D ball-and-stick model of the Remdesivir molecule, with atoms colored by element (carbon in grey, oxygen in red, nitrogen in blue). The molecule is shown in a stick representation with semi-transparent surfaces. The interface includes a menu bar (File, Edit, Select, Workspace, Scripts, View, Window, Help), a toolbar with various tools, and a workspace navigator on the left. The workspace navigator shows an entry list with the following items:

Row	In	Title
1	<input type="radio"/>	Shogaol
		└─ ligprep_shogaol_20-out1 (1)
2	<input type="radio"/>	Shogaol
3	<input checked="" type="radio"/>	Remdesivir
		└─ ligprep_remdesivir-out1 (1)
4	<input checked="" type="radio"/>	Remdesivir
5	<input type="radio"/>	Glycyrrhizin
		└─ ligprep_glycyrr_3-out1 (1)
7	<input type="radio"/>	Chloroquine
		└─ ligprep_chloroquine_2-out1 (1)
8	<input type="radio"/>	chloroquine
9	<input type="radio"/>	6NUR_NSP12
10	<input type="radio"/>	6NUR_NSP12 - preprocessed
11	<input type="radio"/>	6NUR_NSP12 - minimized
12	<input type="radio"/>	GJYT_Helicase
13	<input type="radio"/>	GJYT_Helicase - preprocessed
14	<input type="radio"/>	GJYT_Helicase - minimized
15	<input type="radio"/>	1FLK_TRAF3
16	<input type="radio"/>	1FLK_TRAF3 - preprocessed
17	<input type="radio"/>	1FLK_TRAF3 - minimized
18	<input type="radio"/>	20NC_DPP4
19	<input type="radio"/>	20NC_DPP4 - minimized
20	<input type="radio"/>	6NPY_NLRP3
21	<input type="radio"/>	6NPY_NLRP3 - minimized

The bottom of the interface shows a playback control bar with a play button, a progress bar, and a volume control. A notification in the bottom right corner indicates "1 New Mail Message" and "Open Inbox".

# Research Initiatives taken by Ministry of AYUSH to address the COVID-19 pandemic



**Clinical studies**



Standalone and add-on interventions of

**Prophylactic studies**



Studying the impact of AYUSH based prophylactic interventions in high risk population

**Experimental studies**

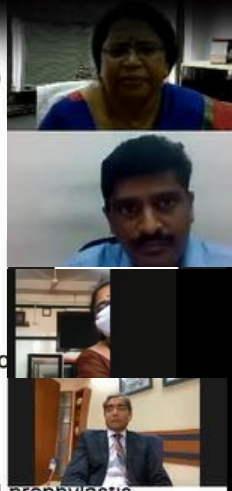


Evaluation of compounds of AYUSH drugs for action against SARS-CoV-2 Main Protease

**Retrospective observational studies**



Studying outcome of AYUSH interventions being utilized during COVID-19 pandemic



02:48





# Panel Discussion

1. Panel Discussion\_DoI.docx - Word

File Home Insert Design Layout References Mailings Review View Tell me what you want to do...

Day of immunology

Panel discussion

**Panelists:**

Dr. Manisha Madkaikar, Dr. Alka Nerurkar, Dr. Rajesh Shah, Dr. BCS Rao, Dr. Anant Gokarn, Dr. Prashant Tembhare, Dr. Shripad Taklikar,

**Chairperson:**

Dr. Pankaj Chaturvedi

**Moderator:**

Dr. Vikram Gota

:

**Question # 1 (To all panelists): What are your respective roles / responsibilities and duties during**

Page 1 of 2 387 words English (United States) 44:02 190%



# Panel Discussion

Naythan Dcunha is talking...

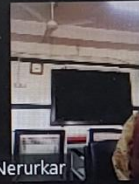
## Dr Alka Vishwas Nerurkar



Professional degree MSc, PhD Biochemistry  
T. N. Medical College, B.Y.L. Nair Hospital  
Email alkanerurkar@yahoo.com

Presently working as professor and Head Department of Biochemistry. Teaching many faculties like 1<sup>st</sup> MBBS, 1<sup>st</sup> BDS, Occupational therapy, Physiotherapy, BPMT, Post graduate diploma in medical lab technology(DMLT), Nursing, MSc Biochemistry etc  
PhD guide (Biochemistry) for Mumbai University and MUHS

Your key involvement areas in healthcare or basic research on COVID  
Staff management Clinical Biochemistry lab which caters services to entire hospital for 24 hours is under my department, Almost 35 staff working under me  
Risk management: Managing all routine and specialized tests for covid-19 patients admitted in Nair Hospital. Doing comparative studies in various parameters.  
Research area- Cancer genomics and proteomics



Alka Nerurkar



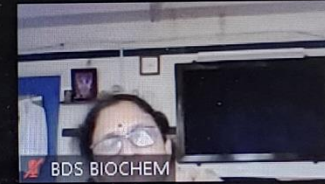
Vikram Gota



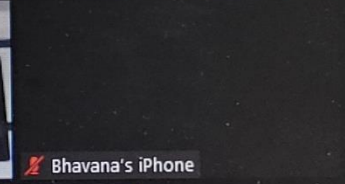
Jyoti Kode



Rajesh Shah



BDS BIOCHEM



Bhavana's iPhone



Dr Shripad



Anant Gokarn

# Panel Discussion



**Question # 1 (To all panelists): What are your respective roles / responsibilities and duties the COVID19 pandemic?**

Sequence: All panelists in the sequence listed above, followed by the Chairperson

**Question # 2: Development of COVID 19 diagnostics, their scale-up, deployment and cost including the unconventional methods eg. Raman spectroscopy (Indian experience) – Your views on the challenges and opportunities**

**Was our response adequate? If not, what could have been better?**

Sequence: Dr. Madkaikar, Dr. Nerurkar, Dr. Taklikar

Final comments by the Chair



55:32



# Panel Discussion

Edit, organize, or share File Photo email Print Slide show

Recording

1. Panel Discussion\_04.04.2020 - Word

Day of immunology

Panel discussion

**Panelists:**  
Dr. Manisha Madkaikar, Dr. Alka Nerurkar, Dr. Rajesh Shah, Dr. BCS Rao, Dr. Anant Gokarn, Dr. Prashant Tembhare, Dr. Shripad Taklikar,

**Chairperson:**  
Dr. Pankaj Chaturvedi

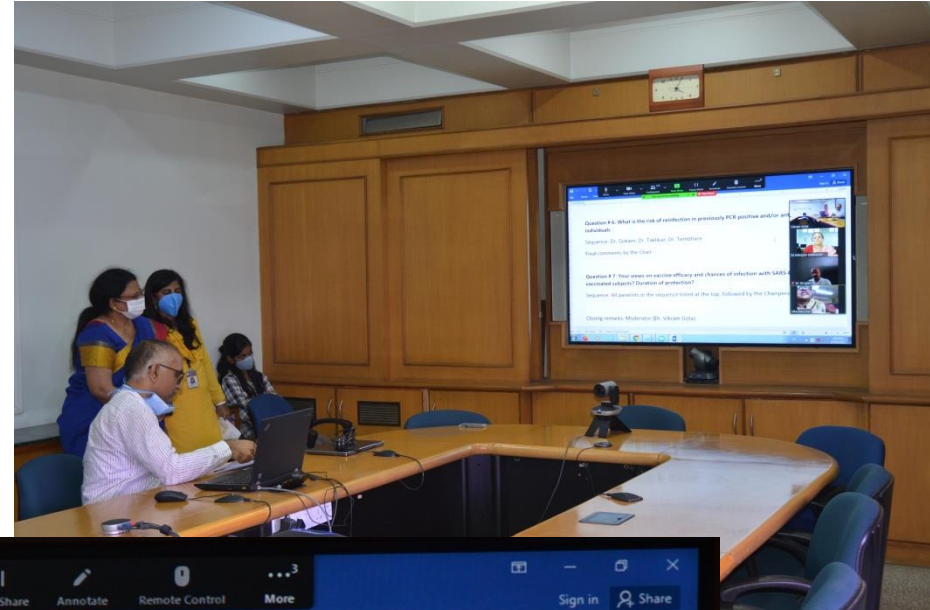
**Moderator:**  
Dr. Vikram Gota

:

**Question # 1 (To all panelists):** What are your respective roles / responsibilities and duties during



# Panel Discussion



Microsoft Teams interface showing a screen share of a document. The document content is as follows:

**Question # 6: What is the risk of reinfection in previously PCR positive and/or anti- individuals**  
Sequence: Dr. Gokarn, Dr. Taklikar, Dr. Tembhare  
Final comments by the Chair

**Question # 7: Your views on vaccine efficacy and chances of infection with SARS-Co-2 in vaccinated subjects? Duration of protection?**  
Sequence: All panelists in the sequence listed at the top, followed by the Chairpersons

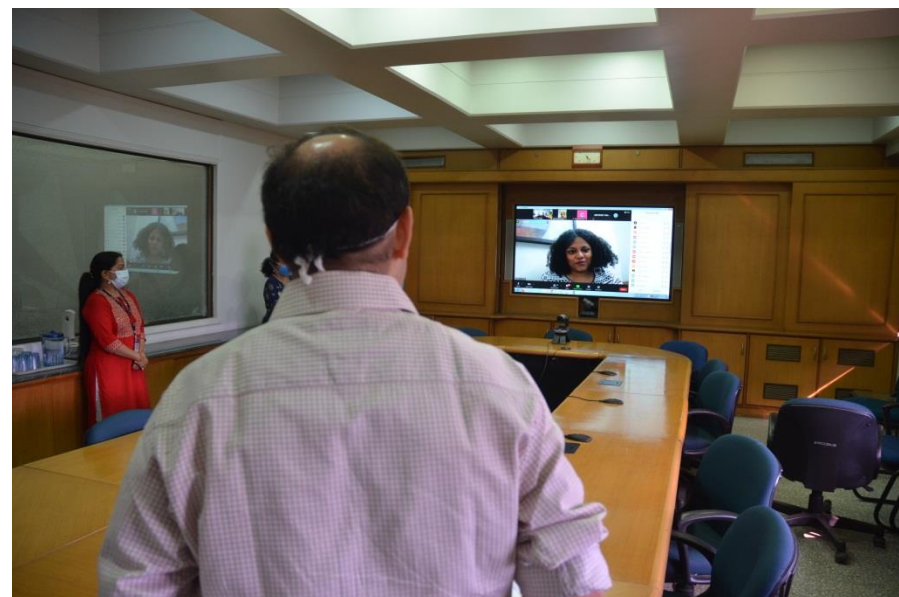
Closing remarks: Moderator (Dr. Vikram Gota)

The screenshot also shows a vertical list of video thumbnails for participants: Vikram Gota, Dr. Manisha Madkaikar, Dr. Shripad, and Alka Nerurkar. The Teams toolbar at the top includes options like Mute, Stop Video, Participants (125), New Share, Pause Share, Annotate, Remote Control, and More. The status bar at the bottom shows 'Page 2 of 2', '387 words', 'English (United States)', and the time '4:04 PM' on '20/04/2021'.

# Felicitation of Creative Mind Contest Winners



## Felicitation of Creative Mind Contest Winners



## Vote of Thanks



Event Coordinator Dr Ojaswini Upasani



# Event Supporters

