

MINUTES OF THE 192th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 29.10.2020 BY VIDEO CONFERENCING

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 192th meeting and initiated the process of the meeting. The list of participants is given at Annexure-I.

2. The Committee adopted the minutes and recommendations of the 191th meeting of the RCGM held on 15.10.2020.

3. On action taken report, the Member-Secretary informed that during the 191th meeting of the RCGM, a total of 23 applications including information items were considered and the Secretariat is in the process of issuing requisite permit letters based on the recommendations of the RCGM.

4. Proposals considered

4.1 Applications in the area of pharmaceuticals

The Committee considered applications to import recombinant vectors expressing Spike protein of SARS-CoV-2, SARS-CoV-2 isolate, recombinant *E. coli*, novel chimeric antigen receptor lentiviral vector, GMO clone expressing HBsAg VLP, recombinant *Komagataella phaffii* carrying a gene of SARS-CoV2; to transfer different components of COVID-19 liquid vaccine; to receive; to conduct preclinical toxicity studies on COVID-19 vaccine Drug product, Rituximab biosimilar; pre-clinical toxicity study reports on Inactivated Hepatitis A Vaccine; waiver of Pre-clinical studies on Anakinra biosimilar to be used in moderate to severely affected cases of Covid19, mRNA vaccine candidate HGCO19 for COVID-19. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

4.2 Applications in the area of Agriculture

The Committee considered applications to import mutant lines of *Arabidopsis thaliana*; reports on event selection trial of GE *Brassica juncea* lines. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

5. IBSC Reports

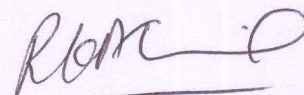
The Committee considered minutes submitted by fifteen IBSCs, appropriate decision was taken by the RCGM.

6. Other items

The Committee discussed on request submitted by GEAC on genome edited plants, and appropriate decision was taken by the RCGM.

No other transaction took place and the meeting ended with vote of thanks to the chair.

The Minutes are approved.



(Dr. Rakesh Kumar Mishra)
Chairman, RCGM

डॉ. राकेश के मिश्रा Dr. Rakesh K Mishra
निदेशक Director

सीएसआईआर-कोशिकीय एवं आणविक जीवविज्ञान केन्द्र
CSIR - Centre for Cellular & Molecular Biology
उप्पल रोड, हब्सीगुडा, हैदराबाद - 500 007
Uppal Road, Habsiguda, Hyderabad - 500 007

Annexure-I

List of Participants:

1.	Dr. Rakesh Kumar Mishra, Director-CCMB, Hyderabad	Chairman
2.	Dr. Amita Aggarwal, SGPIMS, Lucknow	Co-Chair (Pharma)
3.	Dr. Kuldeep Singh, Director, ICAR- NBPGR, New Delhi	Co-Chair (Agri)
4.	Dr. Alka Sharma, Scientist 'G' & Head, Regulation, DBT	Member
5.	Dr. Gururaj Katti, Principal Scientist & Head, ICAR- IIRR, Hyderabad	Member
6.	Dr. S.K. Rath, Principal Scientist, CSIR- CDRI, Lucknow	Member
7.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
8.	Dr. Pradyumna Kumar Singh, CSIR-National Botanical Research Institute, Lucknow	Member
9.	Dr. Anand Kumar Kondapi, School of Life Science, University of Hyderabad, Hyderabad	Member
10.	Dr. R. Uma Shaanker, University of Agricultural Sciences, Bengaluru	Member
11.	Dr. Chandish R. Ballal, Director, National Bureau of Agricultural Insect Resources, Bangalore	Member
12.	Dr. Neelam S. Sangwan, Head, Department of Biochemistry, Central University of Haryana, Mahendergarh	Member
13.	Dr. Rajnish Kumar Chaturvedi, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
14.	Dr. K. G. Tirumurugan, Professor, TANUVAS, Chennai	Member
15.	Dr. Rajesh Gokhale, National Institute of Immunology, New Delhi	Member
16.	Dr. Guhan Jayaraman, Indian Institute of Technology, Madras	Member
17.	Dr. Shilpi Paul, Scientist E, SERB	Nominee-DST
18.	Sh. Jayant Ganga Khedkar, Asst Drugs Controller(I), CDSCO	Nominee-CDSCO
19.	Sh. Tarun Kathula, Director Biosafety, MoEFCC& Secretary-GEAC	Nominee-MoEF& CC
20.	Dr. Meenal Rathore, Senior Scientist; Representative of Dr. N. P. Singh, IIPR, Kanpur	Nominee- ICAR
21.	Dr. Nitin K. Jain, Scientist-F, DBT	Member Secretary
22.	Dr. Sangeeta Agarwal, CSO, BSU, New Delhi	Special Invitee
23.	Dr. Gandharva Nagpal, Scientist C, DBT	Secretariat Member

Biosafety Support Unit:

24. Dr. Govind Kumar Rai, Scientist
25. Dr. Reema Sharma, Scientist
26. Dr. Poonam Vishwakarma, Scientist
27. Dr. Manpreet Kaur, Scientist

