

MINUTES OF THE 222nd MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 23.12.2021 BY VIDEO CONFERENCING

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 222nd 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 221st meeting of the RCGM held on 09.12.2021.

3. On action taken report, the Member-Secretary informed that during the 221st meeting of the RCGM, a total of 32 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 receive Delta Plus variant of SARS-CoV-2, SARS-CoV-2 delta variant; to import SARS-CoV-2 Virus Omicron variant, master cell bank of Human embryonic kidney-293 cell line; to export Sputnik Ad26 Drug product; to conduct pre-clinical toxicity study of Aflibercept biosimilar, Pegfilgrastim biosimilar, live attenuated recombinant Zika virus vaccine; export of SCOMET items 2A bacterial isolates. After deliberation on each application including information items, appropriate decisions were taken by the RCGM.

4.2 Applications in the area of Agriculture

The Committee considered applications to receive GE banana lines; to export GE rice lines; to conduct Event Selection confined field trials of GE banana lines. After deliberation on each application including information items, appropriate decisions were taken by the RCGM.

5. IBSC Reports

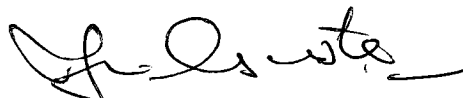
The Committee considered minutes submitted by eleven IBSCs, nil annual compliance report and nil medical surveillance report, and appropriate decisions were taken by the RCGM.

6. Other items

The Committee deliberated on the regulatory approval mechanism for the IBSC minutes submitted on IBKP Portal with respect to the kind of biocontainment levels *viz.*, BSL-1/2/3, required for the proposed R&D activities, 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.



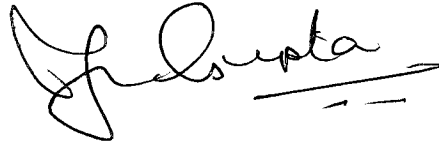
(Prof. Y.K. Gupta)
Chairman, RCGM

Annexure-I

List of Participants:		
1.	Prof. Y.K. Gupta, Former Director IITR, Lucknow and President, AIIMS, Bhopal	Chairman
2.	Dr. Amita Aggarwal, Professor, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	Co-Chair (Biopharma)
3.	Dr. Anand Kumar Kondapi, School of Life Science, University of Hyderabad, Hyderabad	Member
4.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bangalore	Member
5.	Dr. Neelam S. Sangwan, Head, Department of Biochemistry, Central University of Haryana, Mahendergarh	Member
6.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
7.	Dr. R. Uma Shaanker, University of Agricultural Sciences, Bengaluru	Member
8.	Dr. K.G. Tirumurugan, Professor, TANUVAS, Chennai	Member
9.	Dr. S.K. Rath, Principal Scientist, CSIR- CDRI, Lucknow	Member
10.	Dr. Rajnish Kumar Chaturvedi, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
11.	Dr. Vinay Nandicoori, Director, CSIR-CCMB, Hyderabad	Member
12.	Dr. Pradyumna Kumar Singh, CSIR-National Botanical Research Institute, Lucknow	Member
13.	Sh. Tarun Kathula, Director Biosafety, MoEFCC & Member Secretary-GEAC. Nominee-MoEF & CC	Member
14.	Sh. Jayant Ganga Khedkar, Asst Drugs Controller (India), CDSCO. Nominee – CDSCO	Member
15.	Dr. Ajit Kumar Shasany, Director, ICAR-National Institute for Plant Biotechnology, New Delhi. Nominee - ICAR	Member
16.	Dr. Naryanam Srikanth, Deputy Director General, Central Council for Research in Ayurvedic Sciences, Ministry Of Ayush. Nominee - Ministry of Ayush	Member
17.	Sh. Sunil Sharma, Ministry of Home Affairs. Nominee - MHA	Member
18.	Dr Madhumita Barooah, Assam Agriculture University. Nominee-State Agriculture Universities	Member
19.	Dr. Nitin K. Jain, Scientist 'F', DBT, New Delhi	Member Secretary
20.	Dr. Sangeeta Agarrwal, CSO, BSU, New Delhi	Special Invitee
21.	Dr. Gandharva Nagpal, Scientist 'C', DBT, New Delhi	Secretariat Member
Biosafety Support Unit:		
22.	Dr. Poonam Vishwakarma, Scientist	
23.	Dr. Govind Kumar Rai, Scientist	
24.	Dr. Reema Sharma, Scientist	
25.	Dr. Manpreet Kaur, Scientist	
Others:		
26.	Dr. Sanjay Bandyopadhyay, M/s. Cadila Healthcare Limited, Ahmedabad	
27.	Dr. Sujata Halder, M/s. Cadila Healthcare Limited, Ahmedabad	
28.	Mr. Jitendra Patel, M/s. Cadila Healthcare Limited, Ahmedabad	
29.	Dr. Rakesh, M/s. Samarth Life Science Private Limited, Mumbai	



30.	Mr. Saravanan M, M/s. Samarth Life Science Private Limited, Mumbai
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A handwritten signature in black ink, appearing to read 'J. Gupta', with a horizontal line underneath the name.