

MINUTES OF THE 224th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 20.01.2022 BY VIDEO CONFERENCING

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 224th 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 223rd meeting of the RCGM held on 06.01.2022.

3. On action taken report, the Member-Secretary informed that during the 223rd meeting of the RCGM, a total of 35 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 SARS- CoV-2 Omicron Variant; to transfer drug substance of recombinant protein based subunit vaccine against COVID-19, cell culture supernatant of SARS-CoV-2 Delta strain, Whole Inactivated Virus bulk of COVID- 9 vaccine derived from SARSCoV-2 Omicron Variant; to receive non-infectious Human blood and tissue specimens; to conduct pre-clinical toxicity study of Aflibercept biosimilar; pre-clinical toxicity study report on recombinant asparaginase and pegylated asparaginase biosimilar, Aflibercept biosimilar, Denosumab, live attenuated recombinant SARS-CoV-2 vaccine; request on handling of *M. tuberculosis* for culture and drug susceptibility test and Influenza virus for nonculture based research in BSL-2 facility. After deliberation on each application including information items, appropriate decisions were taken by the RCGM.

4.2 Applications in the area of Agriculture

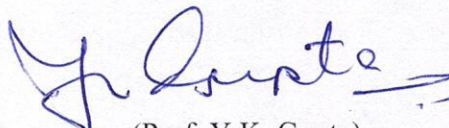
The Committee considered applications to export GE rice seeds; to conduct Biosafety Research Level-I confined field trial of GE cotton; Central Compliance Committee report on BRL-1 trial of GE rubber. After deliberation on each application including information items, appropriate decisions were taken by the RCGM.

5. IBSC Reports

The Committee considered minutes submitted by eight IBSCs, nil annual compliance report and nil medical surveillance report, and appropriate decisions were 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. Anand Kumar Kondapi, School of Life Science, University of Hyderabad, Hyderabad	Member
3.	Dr. Gururaj Katti, Former Principal Scientist & Head, ICAR-IIRR, Hyderabad	Member
4.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bangalore	Member
5.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
6.	Dr. R. Uma Shaanker, University of Agricultural Sciences, Bengaluru	Member
7.	Dr. K.G. Tirumurugaan, Professor, TANUVAS, Chennai	Member
8.	Dr. Rajnish Kumar Chaturvedi, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
9.	Dr. Vinay Nandicoori, Director, CSIR-CCMB, Hyderabad	Member
10.	Dr. Pradyumna Kumar Singh, CSIR-National Botanical Research Institute, Lucknow	Member
11.	Dr. Geeta Jotwani, Deputy Director General (Senior Grade) & Scientist 'F- ICMR', Nominee- ICMR	Member
12.	Sh. Tarun Kathula, Director Biosafety & Member Secretary-GEAC, Ministry of Environment, Forest and Climate Change, Government of India. Nominee - MoEF& CC	Member
13.	Sh. Jayant Ganga Khedkar, Asst Drugs Controller (India), CDSCO. Nominee – CDSCO	Member
14.	Dr. Ajit Kumar Shasany, Director, ICAR-National Institute for Plant Biotechnology, New Delhi. Nominee - ICAR	Member
15.	Dr. Naryanam Srikanth, Deputy Director General, Central Council for Research in Ayurvedic Sciences, Ministry Of Ayush. Nominee - Ministry of Ayush	Member
16.	Dr. Neelima Mishra, Scientist 'G', Science and Engineering Research Board, New Delhi. Nominee - DST	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. Dinesh Baskar, M/s. Biocon Biologics Limited, Bengaluru	
27.	Dr. Raghu K. Chitta, M/s. Biocon Biologics Limited, Bengaluru	

	Ms. Sushma Hedge, M/s. Biocon Biologics Limited, Bengaluru
29.	Dr. Partha Chakrabarti, M/s. Biocon Biologics Limited, Bengaluru
30.	Dr. Arindam Saha, M/s. Biocon Biologics Limited, Bengaluru
31.	Dr. Ramakrishnan MS, M/s. Biocon Biologics Limited, Bengaluru
32.	Ms. Shruthi, M/s. Biocon Biologics Limited, Bengaluru
33.	Dr. Akshaya S. Odak, M/s. Lupin Limited, Pune
34.	Dr. Sanjay Tiwari, M/s. Lupin Limited, Pune
35.	M/s. Alka Mankad, DEO-IV, DBT, New Delhi

