

MINUTES OF THE 285th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 29.05.2024 BY VIDEO CONFERENCING (GO TO MEETING)

The Chairman-RCGM extended a formal welcome to the members of the RCGM for the **285th 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 **284th meeting** of the RCGM held on **15.05.2024**.

3. On the action taken report, the Member-Secretary informed that during the **284th meeting** of the RCGM, a total of **73** 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 the applications to import Zika virus, West Nile Virus and HEK293T Cells, Transfer plasmids, Packaging Plasmids, pALD-Lenti Plasmids; to transfer Lentivirus Packaging plasmids and Transfer plasmids; to conduct preclinical toxicity studies on Teriparatide Biosimilar, Bevacizumab monoclonal antibody Biosimilar, Pembrolizumab monoclonal antibody Biosimilar, Pegylated Recombinant *E. coli* asparaginase, a Live recombinant HVT expressing the Fusion gene from NDV and VP2 from IBDV; preclinical toxicity report on Pertuzumab Biosimilar and anti-BCMA CAR-T cell therapy product; request seeking waiver to the requirement of RCGM permission to import and carry out research using Polio virus Sabin Serotype 1 and 3 strains; guidance sought regarding Biocontainment requirements for performing arbovirus infections in Aedes mosquitoes. 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 records of Harvest/Termination and pictures of trial sites on completion of Biosafety Research Level I 2nd year trial of GE maize breeding stack; Inspection report of CCC to monitor Event Selection Trials of GE banana lines, Termination of BRL-I 2nd Year trial of GE maize breeding stack, and Harvest of EST of GE pigeon pea lines; request for extension of permission to store the transgenic maize seeds. After deliberation on each application including information items, appropriate decisions were taken by the RCGM.

5. IBSC Reports

The Committee considered minutes submitted by twenty-three IBSCs, seventeen annual compliance reports and one medical surveillance reports, and appropriate decisions were taken by the RCGM.

No other transaction took place, and the meeting ended with a vote of thanks to the Chair and members.

The Minutes are approved.



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

Annexure-I

List of Participants:		
1.	Prof. Y.K. Gupta, Former Professor, AIIMS, New Delhi; President AIIMS, Bhopal & AIIMS, Jammu	Chairman
2.	Dr. Ramesh Sonti, Director & Group Leader, Plant-microbe Interaction, International Centre for Genetic Engineering and Biotechnology, New Delhi	Co-Chair (Agri)
3.	Dr. Arvind Sahu, Executive Director, Regional Centre for Biotechnology, Faridabad	Co-Chair (Biopharma)
4.	Dr. Nitin K. Jain, Scientist 'G' & Head, Regulation, DBT, New Delhi	Member-Secretary
5.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bengaluru	Member
6.	Dr. Neelam S. Sangwan, Professor (Biochemistry), Central University of Haryana, Mahendergarh	Member
7.	Dr. S. N. Sudhakar Babu, Former Head, Crop Production & Principal Scientist (Agronomy), ICAR-Indian Institute of Oil Seed Research, Hyderabad	Member
8.	Dr. Uma Shaankar, Senior Professor, IIT-Jammu, Jammu	Member
9.	Dr. K.G. Tirumurugaan, Professor, Department of Animal Biotechnology, Madras Veterinary College, TANUVAS, Chennai	Member
10.	Dr. Ritu Aggarwal, Professor, Post Graduate Institute of Medical Education & Research, Chandigarh	Member
11.	Dr. Asha Chaubey, Sr. Principal Scientist & Head of Fermentation Technology Division, CSIR-IIIM, Jammu	Member
12.	Dr. Viswanathan Chinnusamy, Joint Director (Research), ICAR-Indian Agricultural Research Institute, New Delhi, Nominee/Representative - ICAR	Member
13.	Dr. Rubina Bose, Deputy Drugs Controller (India), CDSCO, Nominee/Representative - CDSCO	Member
14.	Sh. Rajappan Viswanathan, Astd. Drugs Controller (India), CDSCO, Nominee/Representative - CDSCO	Member
15.	Dr. Abhilasha Singh Mathuriya, Scientist D, Ministry of Environment, Forest and Climate Change, Government of India, Nominee/Representative - MoEF&CC	Member
16.	Sh. Sunil Sharma, Joint Deputy Director, Ministry of Home Affairs, Nominee/Representative - Ministry of Home Affairs	Member
17.	Dr. Omprakash Meena, Assistant Director, Ministry of Home Affairs, Nominee/Representative - Ministry of Home Affairs	Member
18.	Dr. Dipti K. Thukral, Scientist-G, Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India, Nominee/ Representatives- DST	Member
19.	Dr. Anant Narayan Bhatt, INMAS, Nominee/Representative - Defence Research and Development Organization	Member
20.	Dr. Lokesh Kumar Narnoliya, Scientist 'D', DBT, New Delhi	DBT officer
Biosafety Support Unit:		
21.	Dr. Govind Kumar Rai, Scientist & Coordinator	
22.	Dr. Poonam Vishwakarma, Scientist	
23.	Dr. Pranjali Vishwakarma, Scientist	
24.	Dr. Shipra Shahi, Scientist	
25.	Dr. Manpreet Kaur, Scientist	