

MINUTES OF THE 291st MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 21.08.2024 BY VIDEO CONFERENCING (GO TO MEETING)

The Chairman-RCGM extended a formal welcome to the members of the RCGM for the **291st 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 **290th meeting** of the RCGM held on **07.08.2024**.

3. On the action taken report, the Member-Secretary informed that during the **290th meeting** of the RCGM, a total of **43** 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 on preclinical toxicity reports of Nivolumab Biosimilar, Aflibercept Biosimilar, live frozen cell-associated vaccine consisting of a recombinant herpes virus of turkeys, Tocilizumab Biosimilar, and anti-BCMA CAR-T cell therapy product; to conduct preclinical toxicity studies on Mepolizumab monoclonal antibody Biosimilar, and Pegfilgrastim Biosimilar; discussion on the checklist for CAR-T trial for NOC by RCGM for C5 applications. 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 the action taken report on recommendations of 1st visit of CCC to monitor ESTs of GE banana lines; revised Record of Termination with photograph(s) of the storage for the ESTs of GE *Brassica juncea* lines; application submitted to carry out research and development work in *Anopheles stephensi*, *Aedes aegypti* and *Anopheles stephensi*. 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-four IBSCs, eight annual compliance reports and one medical surveillance report, and appropriate decisions were taken by the RCGM.

6. Other items

The Committee discussed information submitted on discontinuation/decommissioning of BSL-3 laboratory; the draft "*Handbook for Institutional Biosafety Committees (IBSCs) -2024*"; and public consultation of draft "*Guidelines on Genetically Engineered Plants Containing Stacked Events, 2024*".

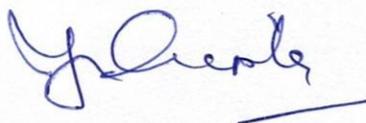
No other transaction took place, and the meeting ended with a vote of thanks to the Chair and members.

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, 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. S. N. Sudhakara Babu, Former Head, Crop Production & Principal Scientist (Agronomy), ICAR-Indian Institute of Oil Seed Research, Hyderabad	Member
7.	Dr. Uma Shaankar, Senior Professor, IIT-Jammu, Jammu	Member
8.	Dr. K.G. Tirumurugaan, Professor, Department of Animal Biotechnology, Madras Veterinary College, TANUVAS, Chennai	Member
9.	Dr. Ritu Aggarwal, Professor, Post Graduate Institute of Medical Education & Research, Chandigarh	Member
10.	Dr. Asha Chaubey, Sr. Principal Scientist & Head of Fermentation Technology Division, CSIR-IIIM, Jammu	Member
11.	Dr. A. B. Pant, Senior Principal Scientist, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
12.	Dr. Rubina Bose, Deputy Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO	Member
13.	Sh. Jayasenthil N.K., Astd. Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO	Member
14.	Sh. Arvind Kukreti, 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.	Dr. Geeta Jotwani, Senior Deputy Director General & Scientist G- ICMR, Nominee/Representative – ICMR	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. Santosh V. Sawardekar, Dr. Balasaheb Sawant Konkan Krishi Vidypeeth, Ratnagiri, SAU Representative	Special Invitee
21.	Dr. Lokesh Kumar Narnoliya, Scientist 'D', DBT, New Delhi	DBT officer
Biosafety Support Unit:		



22.	Dr. Govind Kumar Rai, Scientist & Coordinator
23.	Dr. Poonam Vishwakarma, Scientist
24.	Dr. Pranjali Vishwakarma, Scientist
25.	Dr. Shipra Shahi, Scientist
26.	Dr. Manpreet Kaur, Scientist

