

## MINUTES OF THE 290<sup>th</sup> MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 07.08.2024 BY VIDEO CONFERENCING (GO TO MEETING)

The Chairman-RCGM extended a formal welcome to the members of the RCGM for the 290<sup>th</sup> 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 289<sup>th</sup> meeting of the RCGM held on 24.07.2024.
3. On the action taken report, the Member-Secretary informed that during the 289<sup>th</sup> meeting of the RCGM, a total of 33 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 conduct preclinical toxicity studies on Semaglutide Injection Biosimilar; preclinical toxicity reports of Nivolumab monoclonal antibody Biosimilar, Insulin glargine Biosimilar, and Aflibercept Biosimilar; request seeking waiver for conduct of preclinical toxicity studies on Insulin Aspart Injection; 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 applications to export GE maize seeds; Inspection report by CCC on completion of Harvest/Termination of the BRL-I 1<sup>st</sup> year trial of GE cotton event; Records of Planting, Transport, and Storage, Trial site map, and photographs of the trial site for the BRL-I 1<sup>st</sup> year trials of GE cotton events; Compliance Reports along with updated Record of transport for ESTs of GE banana lines; Record of Transport, Planting, and Spatial Isolation along with Trial site map and intimation letter for ESTs of GE rubber 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 fifteen IBSCs, seven annual compliance reports and nil medical surveillance reports, and appropriate decisions were taken by the RCGM.

### 6. Other items

The Committee discussed the draft “National Guidelines for the Establishment and certification of Biosafety Level-3 (BSL-3) Containment Facility”.

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

<b>List of Participants:</b>		
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. Sudhakara 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.	Sh. Rajappan Viswanathan, Astt. Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO	Member
13.	Dr. Abhilasha Singh Mathuriya, Scientist D, Ministry of Environment, Forest and Climate Change, Government of India, Nominee/Representative - MoEF&CC	Member
14.	Dr. Geeta Jotwani, Senior Deputy Director General & Scientist G- ICMR, Nominee/Representative – ICMR	Member
15.	Dr. Omprakash Meena, Assistant Director, Ministry of Home Affairs, Nominee/Representative - Ministry of Home Affairs	Member
16.	Dr. Dipti K. Thukral, Scientist-G, Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India, Nominee/ Representatives- DST	Member
17.	Dr. Anant Narayan Bhatt, INMAS, Nominee/Representative - Defence Research and Development Organization	Member
18.	Dr. Santosh V. Sawardekar, Dr. Balasaheb Sawant Konkan Krishi Vidypeeth, Ratnagiri, SAU Representative	Special Invitee
<b>Biosafety Support Unit:</b>		
19.	Dr. Govind Kumar Rai, Scientist & Coordinator	
20.	Dr. Poonam Vishwakarma, Scientist	
21.	Dr. Pranjali Vishwakarma, Scientist	
22.	Dr. Shipra Shahi, Scientist	
23.	Dr. Manpreet Kaur, Scientist	
<b>Others:</b>		
24.	Dr. Pitchi Reddy, M/s. Dandu Biosciences Private Limited, Hyderabad	



25. Mr. Rajanendra Gunthakal, M/s. Dandu Biosciences Private Limited, Hyderabad

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