

**MINUTES OF THE 282<sup>nd</sup> MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 18.04.2024 BY VIDEO CONFERENCING (GO TO MEETING)**

The Chairman-RCGM extended a formal welcome to the members of the RCGM for the 282<sup>nd</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 281<sup>st</sup> meeting of the RCGM held on 03.04.2024.

3. On the action taken report, the Member-Secretary informed that during the 281<sup>st</sup> meeting of the RCGM, a total of 55 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 PDIM and H37Rv whole cell lysate; to conduct preclinical toxicity studies on Daratumumab monoclonal antibody Biosimilar, live frozen cell-associated vaccine consisting of a recombinant herpes virus of turkeys; Request for the extension of validity of RCGM permits regarding transportation of materials pertaining to Betacoronavirus vaccine R&D. 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 applications to conduct Event selection trial (EST) of GE Cotton lines; Biosafety Research Level-I (BRL-I) 1<sup>st</sup> year trial of GE Cotton hybrids; Revised Record of Storage and Photographs of the trial site on termination of the BRL-I 1<sup>st</sup> year trial of GE Potato clonal hybrid; Inspection report submitted by CCC to monitor and compliance report for ESTs of GE Banana lines; Compliance Report along with Record of transport for the ESTs of GE *Brassica juncea* 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 twenty-one IBSCs, twenty-eight annual compliance reports and one medical surveillance reports, and appropriate decisions were taken by the RCGM.

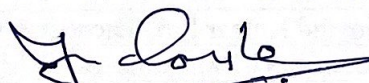
**6. Other items**

The Committee considered site visit report of BSL-3 facility of the sub-committee constituted by DBT; the Revised draft Risk Assessment and Risk Management Plan for Environmental approval for Ethanol production from grain-based feedstocks using genetically engineered *Saccharomyces cerevisiae* strain; Information submitted regarding nominations for representatives of the State Agriculture Department, Government of Tamil Nadu to be part of CCC team for monitoring of EST of GE banana lines.

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

The Minutes are approved.


Approved



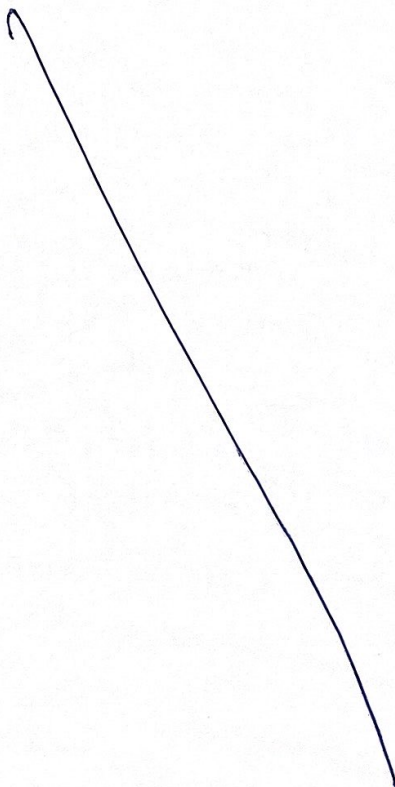
(Prof. Y.K. Gupta)  
Chairman, RCGM

**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. Arvind Sahu, Executive Director, Regional Centre for Biotechnology, Faridabad	Co-Chair (Biopharma)
3.	Dr. Nitin K. Jain, Scientist 'G' & Head, Regulation, DBT, New Delhi	Member-Secretary
4.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bengaluru	Member
5.	Dr. Neelam S. Sangwan, Professor (Biochemistry), Central University of Haryana, Mahendergarh	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. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
8.	Dr. K.G. Tirumurugaan, Professor, Department of Animal Biotechnology, Madras Veterinary College, TANUVAS, Chennai	
9.	Dr. Asha Chaubey, Sr. Principal Scientist & Head of Fermentation Technology Division, CSIR-IIIM, Jammu	Member
10.	Dr. Viswanathan Chinnusamy, Joint Director (Research), ICAR-Indian Agricultural Research Institute, New Delhi, Nominee/Representative - ICAR	Member
11.	Dr. Rubina Bose, Deputy Drugs Controller (India), CDSCO. Nominee/Representative - CDSCO	Member
12.	Sh. Rajappan Viswanathan, Astd. 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. Arvind Kumar, Joint Director, Ministry of Home Affairs. Nominee/Representative - Ministry of Home Affairs	Member
15.	Dr. Dipti K. Thukral, Scientist-G, Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India. Nominee/ Representatives- DST	Member
16.	Dr. Anant Narayan Bhatt, INMAS Nominee/Representative - Defence Research and Development Organization	Member
17.	Dr. Lokesh Kumar Narnoliya, Scientist 'D', DBT, New Delhi	DBT officer
<b>Biosafety Support Unit:</b>		
18.	Dr. Govind Kumar Rai, Scientist & Coordinator	
19.	Dr. Poonam Vishwakarma, Scientist	
20.	Dr. Pranjali Vishwakarma, Scientist	
21.	Dr. Shipra Shahi, Scientist	
22.	Dr. Renu Arora, Scientist	
<b>Others:</b>		
23.	Dr. Jasvir Singh, M/s. Danisco India Pvt. Ltd., Gurugram	



24.	Mr. A.K. Tomar, President-Technical, M/s. Oasis Ethanol Industries Private Limited, Ambala, Haryana
25.	Dr. Ritu Bhalla, M/s. International Flavors & Fragrances, Inc., India
26.	Dr. Suhas Nimbalkar, M/s. Eitimo Ventures LLP, Consultant for M/s. Oasis Ethanol Industries Private Limited, Ambala, Haryana
27.	Mr. Kiran Annavarapu, M/s. International Flavors & Fragrances, Inc., India
28.	Dr. Vibha Ahuja, Chief General Manager, M/s. Biotech Consortium India Limited, New Delhi



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