

MINUTES OF THE 294th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 03.10.2024 BY VIDEO CONFERENCING (GO TO MEETING)

The Chairman-RCGM extended a formal welcome to the members of the RCGM for the **294th 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 **293rd meeting** of the RCGM held on **18.09.2024**.

3. On the action taken report, the Member-Secretary informed that during the **293rd** 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 to receive Plasma and PBMCs of HIV Positive donors; to import Lentiviral vector; to conduct preclinical safety studies on anti- CD19/CD20 CAR-T cell therapy product, *SARS-CoV-2* Multiepitope Vaccine, CRISPR edited human HSCs, novel gene therapy product for Haemophilia B, novel tetravalent Human Polyomavirus; preclinical toxicity report on Brentuximab vedotin Biosimilar; request seeking advice on the regulatory pathway on the development of Semaglutide Tablets; request regarding incorporation of additional test arm comprising of alternate formulation in the RCGM approved PCT protocol in reference to conduct preclinical toxicity studies on a Pembrolizumab monoclonal antibody Biosimilar. 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 transfer seeds of GE *Brassica juncea* lines; Trial Records for BRL-I 1st year trial of GE cotton Event; Records of Harvest/Termination and Transport of ESTs of GE banana lines; Trial Records for EST of GE rubber lines; Inspection report submitted by CCC on monitoring of ESTs of GE Banana lines; Compliance report for EST of GE cotton lines; application to carry out safety studies of GE microbes, R&D work involving *Drosophila*, application for exogenous DNA free genome edited *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 thirty-two IBSCs, fourteen annual compliance reports and nil medical surveillance report, and appropriate decisions were taken by the RCGM.

6. Other items

The Committee deliberated on the revised draft of “*Guidelines on Genetically Engineered Plants Containing Stacked Events*”.

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 and 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. Nitin K. Jain, Scientist 'G' & Head, Regulation, DBT, New Delhi	Member-Secretary
4.	Dr. S. N. Sudhakara Babu, Former Head, Crop Production & Principal Scientist (Agronomy), ICAR-Indian Institute of Oil Seed Research, Hyderabad	Member
5.	Dr. Neelam S. Sangwan, Professor (Biochemistry), Central University of Haryana, Mahendergarh	Member
6.	Dr. Uma Shaankar, Senior Professor, IIT-Jammu, Jammu	Member
7.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bengaluru	Member
8.	Dr. K.G. Tirumurugaan, Professor, Department of Animal Biotechnology, Madras Veterinary College, TANUVAS, Chennai	Member
9.	Dr. Asha Chaubey, Sr. Principal Scientist & Head of Fermentation Technology Division, CSIR-IIIM, Jammu	Member
10.	Dr. Rubina Bose, Deputy Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO	Member
11.	Sh. Rajappan Viswanathan, Astd. Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO	Member
12.	Dr. Viswanathan Chinnusamy, Joint Director (Research), ICAR-Indian Agricultural Research Institute, New Delhi, Nominee/Representative - ICAR	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. Om Prakash 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. Parveen Chhuneja, Principal Molecular Geneticist, School of Agricultural Biotechnology, Punjab Agricultural University, Ludhiana, SAU Representative	Special Invitee
19.	Dr. Lokesh Kumar Narnoliya, Scientist 'D', DBT, New Delhi	DBT officer
Biosafety Support Unit:		
20.	Dr. Govind Kumar Rai, Scientist & Coordinator	
21.	Dr. Poonam Vishwakarma, Scientist	
22.	Dr. Pranjali Vishwakarma, Scientist	
23.	Dr. Manpreet Kaur, Scientist	

24.	Dr. Shipra Shahi, Scientist
Others:	
25.	Dr. Gaurav Kharya, M/s. Cellogen Therapeutics Pvt. Ltd., Noida
26.	Dr. Tanveer Ahmad, M/s. Cellogen Therapeutics Pvt. Ltd., Noida
27.	Dr. Suresh, M/s. Cellogen Therapeutics Pvt. Ltd., Noida
28.	Ms. Areej, M/s. Cellogen Therapeutics Pvt. Ltd., Noida
29.	Mr. Rik Ganguly, M/s. Cellogen Therapeutics Pvt. Ltd., Noida
30.	Dr. Muthu Vaduganathan, M/s. Fertis India Pvt. Ltd, Hyderabad