

MINUTES OF THE 286th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 12.06.2024 BY VIDEO CONFERENCING (GO TO MEETING)

The Chairman-RCGM extended a formal welcome to the members of the RCGM for the **286th 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 **285th meeting** of the RCGM held on **29.05.2024**.

3. On the action taken report, the Member-Secretary informed that during the **285th** meeting of the RCGM, a total of **44** 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 Plasmid DNA and Recombinant *E. coli* clones; to import Dengue vaccine strains, Master cell Bank and Working cell Bank of *Pichia pastoris* (*K. phaffii*) cells, *S. cerevisiae* strain; to conduct preclinical toxicity studies on tetravalent Human Polyomavirus Vaccine and Trastuzumab monoclonal antibody; request seeking advice on the regulatory pathway on development of Semaglutide Tablets; response to RCGM recommendations on the application to carry out research work on development of inactivated KFD vaccine, pilot operation and trials under confined field conditions; request to provide guidance on the preclinical toxicity studies protocol on Dupilumab 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 application to export seeds of GE Brinjal hybrids; Records of Harvest/Termination and Spatial isolation and pictures of the trial sites on completion of EST of GE pigeon pea lines; Record of Storage and Storage inspection report for GE material retained from the BRL I 1st year trial of GE potato clonal hybrid; applications to carry out R&D work for screening for novel mosquito attractants and repellents, and on surveillance of innate immune biomarkers in vector Anopheles mosquitoes; discussion on draft annexure to RCGM permit letters issued for the conduct of confined field trials; request to examine the environmental safety aspects of herbicide tolerant GE alfalfa hay for use as cattle feed in India. 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 IBSCs, ten annual compliance reports and nil medical surveillance reports, and appropriate decisions were taken by the RCGM.


6. Other items

The Committee considered follow-up to site visit of BSL-3 facility at Association for Bio-inspired Leaders & Entrepreneurs.

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. Nitin K. Jain, Scientist 'G' & Head, Regulation, DBT, New Delhi | Member-Secretary |
| 3. | Dr. Neelam S. Sangwan, Professor (Biochemistry), Central University of Haryana, Mahendergarh | Member |
| 4. | Dr. S. N. Sudhakara Babu, Former Head, Crop Production & Principal Scientist (Agronomy), ICAR-Indian Institute of Oil Seed Research, Hyderabad | Member |
| 5. | Dr. Uma Shaankar, Senior Professor, IIT-Jammu, Jammu | Member |
| 6. | Dr. K.G. Tirumurugaan, Professor, Department of Animal Biotechnology, Madras Veterinary College, TANUVAS, Chennai | Member |
| 7. | Dr. Ritu Aggarwal, Professor, Post Graduate Institute of Medical Education & Research, Chandigarh | Member |
| 8. | Dr. Asha Chaubey, Sr. Principal Scientist & Head of Fermentation Technology Division, CSIR-IIIM, Jammu | Member |
| 9. | Dr. Rubina Bose, Deputy Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO | Member |
| 10. | Sh. Rajappan Viswanathan, Astt. Drugs Controller (India), CDSCO, Nominee/Representative – CDSCO | Member |
| 11. | Dr. Abhilasha Singh Mathuriya, Scientist D, Ministry of Environment, Forest and Climate Change, Government of India, Nominee/Representative - MoEF&CC | Member |
| 12. | Dr. Omprakash Meena, Assistant Director, Ministry of Home Affairs, Nominee/Representative - Ministry of Home Affairs | Member |
| 13. | Dr. Dipti K. Thukral, Scientist-G, Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India, Nominee/ Representatives- DST | Member |
| 14. | Dr. Anant Narayan Bhatt, INMAS, Nominee/Representative - Defence Research and Development Organization | Member |
| 15. | Dr. Santosh V. Sawardekar, Dr. Balasaheb Sawant Konkan Krishi Vidypeeth, Ratnagiri, SAU Representative | Special Invitee |
| 16. | Dr. M. Yasin, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior, SAU Representative | Special Invitee |
| 17. | Dr. Lokesh Kumar Narnoliya, Scientist 'D', DBT, New Delhi | DBT officer |
| Biosafety Support Unit: | | |
| 18. | Dr. Govind Kumar Rai, Scientist & Coordinator | |
| 19. | Dr. Poonam Vishwakarma, Scientist | |
| 20. | Dr. Pranjali Vishwakarma, Scientist | |
| 21. | Dr. Shipra Shahi, Scientist | |
| 22. | Dr. Manpreet Kaur, Scientist | |

Approved