

MINUTES OF THE 216th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 30.09.2021 BY VIDEO CONFERENCING

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 216th 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 215th meeting of the RCGM held on 16.09.2021

3. On action taken report, the Member-Secretary informed that during the 215th meeting of the RCGM, a total of 28 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 applications to import synthesized SARS-CoV-2 *spike* gene of Wuhan, Beta and Delta variant, Human adenovirus 6 viral cell lysates containing the SARS-CoV-2 *spike* gene of delta variant and gamma variant, Human embryonic kidney-293-IIIa cell line, Recombinant pVAX1 plasmids with full length *spike* gene of SARS-CoV-2 Delta lineage and Lambda lineage; pre-clinical toxicity study reports on Ustekinumab biosimilar, Anakinra biosimilar, Adalimumab biosimilar, Trastuzumab biosimilar, Pertuzumab biosimilar; request seeking post-facto extension for submission of preclinical toxicity studies report on a novel gene therapy product for Haemophilus B. 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 transfer GE banana lines; to conduct Event Selection confined field trials 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 nine IBSCs, nil annual compliance report and nil medical surveillance report, and appropriate decisions were taken by the RCGM.

No other transaction took place and the meeting ended with vote of thanks to the chair.

The Minutes are approved.



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

Annexure-I

List of Participants:		
1.	Prof. Y.K. Gupta, Former Director IITR, Lucknow and President, AIIMS, Bhopal	Chairman
2.	Dr. Amita Aggarwal, Professor, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	Co-Chair (Biopharma)
3.	Dr. Alka Sharma, Scientist 'H', Senior Advisor & Head Regulation, DBT	Member
4.	Dr. Anand Kumar Kondapi, School of Life Science, University of Hyderabad, Hyderabad	Member
5.	Dr. Gururaj Katti, Former Principal Scientist & Head, ICAR-IIRR, Hyderabad	Member
6.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bangalore	Member
7.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
8.	Dr. R. Uma Shaanker, University of Agricultural Sciences, Bengaluru	Member
9.	Dr. S.K. Rath, Principal Scientist, CSIR- CDRI, Lucknow	Member
10.	Dr. Rajnish Kumar Chaturvedi, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
11.	Dr. Vinay Nandicoori, Director, CSIR-CCMB, Hyderabad	Member
12.	Dr. Rajesh Gokhale, National Institute of Immunology, New Delhi	Member
13.	Dr. Pradyumna Kumar Singh, CSIR-National Botanical Research Institute, Lucknow	Member
14.	Dr. Geeta Jotwani, Deputy Director General (Senior Grade) & Scientist 'F- ICMR', Nominee- ICMR	Member
15.	Dr. Sanjeev Khosla, Director-IMTECH, Chandigarh, Nominee-CSIR	Member
16.	Dr. Ajit Kumar Shasany, Director, ICAR-National Institute for Plant Biotechnology, New Delhi. Nominee - ICAR	Member
17.	Sh. Jayant Ganga Khedkar, Asst Drugs Controller (India), CDSCO. Nominee - CDSCO	Member
18.	Sh. Tarun Kathula, Director Biosafety & Member Secretary-GEAC, Ministry of Environment, Forest and Climate Change, Government of India. Nominee - MoEF & CC	Member
19.	Dr. Naryanam Srikanth, Deputy Director General, Central Council For Research In Ayurvedic Sciences, Ministry Of Ayush. Nominee - Ministry of Ayush	Member
20.	Dr. Neelima Mishra, Scientist 'G', Science and Engineering Research Board, New Delhi. Nominee - DST	Member
21.	Sh. Sunil Sharma, Ministry of Home Affairs. Nominee - MHA	Member
22.	Dr. Nitin K. Jain, Scientist 'F', DBT, New Delhi	Member Secretary
23.	Dr. Sangeeta Agarrwal, CSO, BSU, New Delhi	Special Invitee
24.	Dr. Gandharva Nagpal, Scientist 'C', DBT, New Delhi	Secretariat Member

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Biosafety Support Unit:	
25.	Dr. Poonam Vishwakarma, Scientist
26.	Dr. Govind Kumar Rai, Scientist
27.	Dr. Reema Sharma, Scientist
Others:	
28.	Dr. Narendra Deshmukh, M/s. Intox Pvt. Ltd., Pune
29.	Dr Kedar Purnapatre, M/s. Intox Pvt. Ltd., Pune
30.	Dr Praveen Agarwal, M/s. Gennova Pvt. Ltd., Pune
31.	Dr Varsha Bhatia, M/s. Gennova Pvt. Ltd., Pune
32.	Dr Sachin Gundecha, M/s. Gennova Pvt. Ltd., Pune
33.	Prof. Akshay K. Pradhan, Department of Genetics, University of Delhi

