

## **MINUTES OF THE 219<sup>th</sup> MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 11.11.2021 BY VIDEO CONFERENCING**

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 219<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 218<sup>th</sup> meeting of the RCGM held on 28.10.2021.

3. On action taken report, the Member-Secretary informed that during the 218<sup>th</sup> meeting of the RCGM, a total of 30 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 synthetic constructs containing SARS-CoV-2 PLpro protease and SARS-CoV-2 Helicase; to receive NP/OP samples from COVID-19 patients; to conduct pre-clinical toxicity study of Vedolizumab biosimilar, recombinant Anti VEGF fragment antibody; pre-clinical toxicity study reports on Pneumococcal polysaccharide conjugate vaccine, inhaled Interferon Gamma, anti-CD-19 CAR-T cell therapy product. 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 receive GE banana lines, truncated *cry1Ac34* gene and *vip3Aa44* gene. After deliberation on each application including information items, appropriate decisions were taken by the RCGM.

### **5. IBSC Reports**

The Committee considered minutes submitted by twelve 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**

<b>List of Participants:</b>		
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. Anand Kumar Kondapi, School of Life Science, University of Hyderabad, Hyderabad	Member
4.	Dr. Gururaj Katti, Former Principal Scientist & Head, ICAR-IIRR, Hyderabad	Member
5.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bangalore	Member
6.	Dr. Neelam S. Sangwan, Head, Department of Biochemistry, Central University of Haryana, Mahendergarh	Member
7.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
8.	Dr. R. Uma Shaanker, University of Agricultural Sciences, Bengaluru	Member
9.	Dr. K.G. Tirumurugan, Professor, TANUVAS, Chennai	Member
10.	Dr. S.K. Rath, Principal Scientist, CSIR- CDRI, Lucknow	Member
11.	Dr. Rajnish Kumar Chaturvedi, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
12.	Dr. Vinay Nandicoori, Director, CSIR-CCMB, Hyderabad	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.	Sh. Jayant Ganga Khedkar, Asstt Drugs Controller (India), CDSCO. Nominee – CDSCO	Member
16.	Dr. Sanjeev Khosla, Director-IMTECH, Chandigarh, Nominee- CSIR	Member
17.	Dr. Ajit Kumar Shasany, Director, ICAR-National Institute for Plant Biotechnology, New Delhi. Nominee - ICAR	Member
18.	Dr. Naryanam Srikanth, Deputy Director General, Central Council for Research in Ayurvedic Sciences, Ministry Of Ayush. Nominee - Ministry of Ayush	Member
19.	Sh. Sanjeev Arora, Ministry of Home Affairs. Nominee - MHA	Member
20.	Dr Madhumita Barooah, Assam Agriculture University. Nominee- State Agriculture Universities	Member
21.	Dr. Nitin K. Jain, Scientist 'F', DBT, New Delhi	Member Secretary
22.	Dr. Sangeeta Aggarwal, CSO, BSU, New Delhi	Special Invitee
23.	Dr. Gandharva Nagpal, Scientist 'C', DBT, New Delhi	Secretariat Member
<b>Biosafety Support Unit:</b>		
24.	Dr. Poonam Vishwakarma, Scientist	
25.	Dr. Govind Kumar Rai, Scientist	
26.	Dr. Reema Sharma, Scientist	
27.	Dr. Manpreet Kaur, Scientist	
<b>Others:</b>		
28.	Dr. Ramesh Matur, M/s. Biological E. Limited, Hyderabad	



29.	Dr. Manoj Chikkara, M/s. Biological E. Limited, Hyderabad
30.	Dr. Sreenivas Guggilla, M/s. Biological E. Limited, Hyderabad
31.	Mr. C Ravikumar, M/s. Biological E. Limited, Hyderabad
32.	Mr. Varma Bhupathiraju, M/s. Biological E. Limited, Hyderabad
33.	Mr. Rajendar Burki, M/s. Biological E. Limited, Hyderabad
34.	Mr. Vikram Vij, M/s. Biological E. Limited, Hyderabad
35.	Mr. Nataraju, M/s. Biological E. Limited, Hyderabad
36.	Dr. Lakshmikanth Gandikota, M/s. Intas Pharmaceuticals Limited, Ahmedabad

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*Lakshmikanth Gandikota*