

## **MINUTES OF THE 186<sup>th</sup> MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 23.07.2020 BY VIDEO CONFERENCING**

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 186<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 185<sup>th</sup> meeting of the RCGM held on 02.07.2020.

3. On action taken report, the Member-Secretary informed that during the 185<sup>th</sup> meeting of the RCGM, a total of 60 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 plasmid DNA for mRNA based vaccine of COVID-19, YAC clone, transposon mutants and overexpression mutants of *Mycobacterium tuberculosis* strain; to conduct preclinical toxicity studies on candidate vaccine against SARS CoV-2 virus, Ustekinumab biosimilar, Tenecteplase biosimilar, Bevacizumab, Hepatitis A and Hepatitis E vaccine; pre-clinical toxicity study reports on Novel Coronavirus 2019-nCoV Vaccine, anti-VEGF molecule, recombinant Denosumab; Tocilizumab for COVID-19 treatment. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

#### **4.2 Applications in the area of Agriculture**

One application on an information item, was considered for noting by the RCGM.

### **5. IBSC Reports**

The Committee considered minutes submitted by seven IBSCs, two annual compliance reports and one medical surveillance report, appropriate decision was taken by the RCGM.

### **6. Other items**

The Committee considered the request of M/s. Hetero Biopharma Ltd. (HBL), Telangana with an authorization certificate from M/s. Hetero Drugs Ltd. (HDL), Telangana to grant of the permission/ approval for the two ongoing applications in the name of M/s Hetero Biopharma Limited, Telangana, and appropriate decision was taken by the RCGM.

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

The Minutes are approved.



(Dr. Amita Aggarwal)  
Acting-Chairman, RCGM

**List of Participants:**

1.	Dr. Amita Aggarwal, SGPIMS, Lucknow	Acting-Chairman
2.	Dr. Gururaj Katti, Principal Scientist & Head, ICAR- IIRR, Hyderabad	Member
3.	Dr. S.K. Rath, Principal Scientist, CSIR- CDRI, Lucknow	Member
4.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
5.	Dr. Pradyumna Kumar Singh, CSIR-National Botanical Research Institute, Lucknow	Member
6.	Dr. Anand Kumar Kondapi, School of Life Science, University of Hyderabad, Hyderabad	Member
7.	Dr. R. Uma Shaanker, University of Agricultural Sciences, Bengaluru	Member
8.	Dr. Guhan Jayaraman, Indian Institute of Technology, Madras	Member
9.	Dr. Chandish R. Ballal, Director, National Bureau of Agricultural Insect Resources, Bangalore	Member
10.	Dr. Rajesh Gokhale, National Institute of Immunology, New Delhi	Member
11.	Dr. Neelam S. Sangwan, Head, Department of Biochemistry, Central University of Haryana, Mahendergarh	Member
12.	Dr. Rajnish Kumar Chaturvedi, CSIR-Indian Institute of Toxicology Research, Lucknow	Member
13.	Dr. K.G. Tirumurugaan, Professor, TANUVAS, Chennai	Member
14.	Sh. Tarun Kathula, Director Biosafety, MoEFCC & Secretary-GEAC	Member Nominee-MoEF & CC
15.	Dr. Geeta Jotwani, Scientist F	Nominee-ICMR
16.	Dr. Shilpi Paul, Scientist E, SERB	Nominee-DST
17.	Dr. Meenal Rathore, Senior Scientist; Representative of Dr. N. P. Singh, IIPR, Kanpur	Nominee- ICAR
18.	Dr. Alka Sharma, Scientist-G, & Nodal Officer (Biopharma), DBT, New Delhi	Member
19.	Dr. A.K. Rawat, Scientist- G & Nodal Officer (Agri.), DBT, New Delhi	Member
20.	Dr. Sangeeta Agarwal, CSO, BSU, New Delhi	Special Invitee
21.	Dr. Nitin K. Jain, Scientist-F, DBT	Member Secretary
22.	Dr. Gandharva Nagpal, Scientist C, DBT	Member

**Biosafety Support Unit:**

23. Dr. Reema Sharma, Scientist
24. Dr. Govind Kumar Rai, Scientist
25. Dr. Poonam Vishwakarma, Scientist
26. Dr. Manpreet Kaur, Scientist

**Others:**

27. Dr. Prabuddha Kundu, Premas Biotech Pvt. Ltd., Manesar, Haryana
28. Dr. Nupur Mehrotra, Premas Biotech Pvt. Ltd., Manesar, Haryana
29. Mr. Gaurav Kaushik, Premas Biotech Pvt. Ltd., Manesar, Haryana
30. Dr. C.N. Ramchand, Saksin Lifesciences Pvt. Ltd., Chennai

31. Dr.Sujan K Dhar, CEFTE, Shri Ramachandra Institute, Chennai
32. Dr. Yogesh Murkunde, CEFTE, Shri Ramachandra Institute, Chennai
33. Dr. Ravi Kant, Saksin Lifesciences Pvt. Ltd., Chennai