

## MINUTES OF THE 244<sup>th</sup> MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 02.11.2022 BY VIDEO CONFERENCING

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 244<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 243<sup>rd</sup> meeting of the RCGM held on 19.10.2022.

3. On action taken report, the Member-Secretary informed that during the 243<sup>rd</sup> meeting of the RCGM, a total of 21 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 replication-defective recombinant adeno-associated virus serotypes, inactivated purified oral Cholera vaccine final bulk, HoxB8 mouse ES cell-derived monocytes, rHA proteins/NA proteins and Influenza virus strains; pre-clinical toxicity studies on anti-properdin monoclonal antibody, Adalimumab biosimilar; pre-clinical toxicity study report on Teriparatide biosimilar, respiratory syncytial virus vaccine. 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 application to import genomic DNA and primers of an insect species; requests to include additional allocations to conduct Biosafety Research Level-I confined field trial of GE maize and GE cotton; request to consider easing the norms for usage of engineered microbes in agriculture. After deliberation on the application including information items, appropriate decisions were taken by the RCGM.

### 5. IBSC Reports

The Committee considered minutes submitted by seven 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 a vote of thanks to the Chair and members

The Minutes are approved.



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

## Annexure-I

<b>List of Participants:</b>		
1.	Prof. Y.K. Gupta, Former Professor, AIIMS, New Delhi; President AIIMS, Bhopal &, AIIMS, Jammu	Chairman
2.	Dr. Ramesh Sonti, Professor & Chair, Biology and Dean Faculty, Indian Institute of Science Education & Research, Tirupati	Co-Chair (Agri)
3.	Dr. Arvind Sahu, Scientist 'G', The National Centre for Cell Science (NCCS), Pune	Co-Chair (Biopharma)
4.	Dr. Nitin K. Jain, Scientist 'F' & Head Regulation, DBT, New Delhi	Member Secretary
5.	Dr. Neelam S. Sangwan, Professor (Biochemistry), Central University of Haryana, Mahendergarh	Member
6.	Dr. Chandish R. Ballal, Former Director, National Bureau of Agricultural Insect Resources, Bengaluru	Member
7.	Dr. R. Uma Shaanker, Senior Professor, IIT, Jammu	Member
8.	Dr. S. N. SudhakarBabu, Former Head, Crop Production & Principle Scientist (Agronomy), ICAR-Indian Institute of Oil Seed Research, Hyderabad	Member
9.	Dr. Vinay Nandicoori, Director, CSIR-CCMB, Hyderabad	Member
10.	Dr. P. V. Mohanan, Scientist 'G', SCTIMST, Thiruvananthapuram	Member
11.	Dr. K.G. Tirumurugaan, Professor, Department of Animal Biotechnology, Madras Veterinary College, TANUVAS, Chennai	Member
12.	Dr. Ritu Aggarwal, Professor, Post Graduate Institute of Medical Education & Research, Chandigarh	Member
13.	Dr. Asha Chaubey, Sr. Principal Scientist & Head of Fermentation Technology Division, CSIR-IIIM, Jammu	Member
14.	Dr. Geeta Jotwani, Deputy Director General (Senior Grade) & Scientist F- ICMR, Nominee – ICMR	Member
15.	Dr. Chinnusamy Viswanathan, Principal Scientist, ICAR- Indian Agricultural Research Institute, New Delhi. Nominee – ICAR	Member
16.	Dr. Rubina Bose, Deputy Drugs Controller (India), CDSCO. Nominee – CDSCO	Member
17.	Sh. Jayant Ganga Khedkar, Astt. Drugs Controller (India), CDSCO. Nominee – CDSCO	Member
18.	Sh. Rajappan Viswanathan, Astt. Drugs Controller (India), CDSCO. Nominee/Representative – CDSCO	Member
19.	Ms. Rita Khanna, Scientist 'G', Ministry of Environment, Forest and Climate Change, Government of India. Nominee/Representative – MoEF&CC	Member
20.	Dr. Arvind Kumar, Ministry of Home Affairs. Nominee – MHA	Member
21.	Dr. Sangeeta Agarrwal, CSO, BSU, New Delhi	Special Invitee
22.	Dr. GandharvaNagpal, Scientist 'C', DBT, New Delhi	Co-member Secretary
<b>Biosafety Support Unit:</b>		
23.	Dr. Poonam Vishwakarma, Scientist	

24.	Dr. Govind Kumar Rai, Scientist
25.	Dr. Reema Sharma, Scientist
26.	Dr. Manpreet Kaur, Scientist
<b>Others:</b>	
27.	Dr. RamkrashanKasera, M/s. Zydus Research Centre, Ahmedabad
28.	Dr. Sujata Halder, M/s. Zydus Research Centre, Ahmedabad
29.	Dr. Jitendra Patel, M/s. Zydus Research Centre, Ahmedabad
30.	Dr. Samir Sangitrao, M/s. Zydus Research Centre, Ahmedabad

