# MINUTES OF THE 217<sup>th</sup>MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 14.10.2021 BY VIDEO CONFERENCING

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 217<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 216<sup>th</sup> meeting of the RCGM held on 30.09.2021
- 3. On action taken report, the Member-Secretary informed that during the 216<sup>th</sup> meeting of the RCGM, a total of 49 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 Alpha, Beta and Gamma strains of SARS-CoV-2 virus, live attenuated codon de-optimized Beta and Delta variants of SARS-CoV-2 virus; to conduct pre-clinical toxicity study of live attenuated codon de-optimized recombinant Zika virus vaccine, Vedolizumab biosimilar; pre-clinical toxicity study reports on live attenuated codon de-optimized recombinant SARS-CoV-2 vaccine, recombinant human Insulin Glargine, recombinant monoclonal antibody Denosumab, recombinant Insulin Isophane. 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 information items and after deliberation, appropriate decisions were taken by the RCGM.

#### 5. IBSC Reports

The Committee considered minutes submitted by eleven IBSCs, nil annual compliance report and one medical surveillance report, and appropriate decisions were taken by the RCGM.

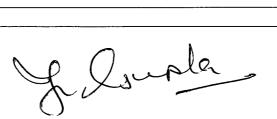
No other transaction took place and the meeting ended with vote of thanks to the chair.

The Minutes are approved.

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

# Annexure-I

| List of Participants:   |   |                       |
|-------------------------|---|-----------------------|
| 1. Pro                  | of. Y.K. Gupta, Former Director IITR, Lucknow and President, IMS, Bhopal  | Chairman              |
| I t                     | . Alka Sharma, Senior Adviser/Scientist 'H' and Head gulation, DBT  | Member                |
|                         | . Anand Kumar Kondapi, School of Life Science, University of derabad, Hyderabad   | Member                |
| 4. Dr                   | Gururaj Katti, Former Principal Scientist & Head, ICAR-<br>R, Hyderabad(Acting Chairman)  | Member                |
| 5. Dr                   | . Chandish R. Ballal, Former Director, National Bureau of ricultural Insect Resources, Bangalore  | Member                |
| 6. Dr                   | Neelam S. Sangwan, Head, Department of Biochemistry, ntral University of Haryana, Mahendergarh  | Member                |
| 7. Dr                   |   | Member                |
|                         | . K.G. Tirumurugaan, Professor, TANUVAS, Chennai  | Member                |
| 9. Dr                   | R. Uma Shaanker, University of Agricultural Sciences, ngaluru   | Member                |
| 10 Dr                   | S.K. Rath, Principal Scientist, CSIR- CDRI, Lucknow   | Member                |
| 1 1                     | Rajnish Kumar Chaturvedi, CSIR-Indian Institute of xicology Research, Lucknow   | Member                |
| 12 Dr                   | . Vinay Nandicoori, Director, CSIR-CCMB, Hyderabad  | Member                |
| 13 Dr                   | Pradyumna Kumar Singh, CSIR-National Botanical Research titute, Lucknow   | Member                |
| 1                       | Geeta Jotwani, Deputy Director General (Senior Grade) & entist 'F- ICMR', Nominee- ICMR   | Member                |
| CS                      |   | Member                |
|                         | Jayant Ganga Khedkar, Astt Drugs Controller (India), OSCO. Nominee - CDSCO  | Member                |
| GE<br>Go                | Tarun Kathula, Director Biosafety & Member Secretary-CAC, Ministry of Environment, Forest and Climate Change, vernment of India. Nominee - MoEF& CC | Member                |
| Co<br>No                | Naryanam Srikanth, Deputy Director General, Central uncil For Research In Ayurvedic Sciences, Ministry Of Ayush. minee - Ministry of Ayush          | Member                |
|                         | Sunil Sharma, Ministry of Home Affairs. Nominee - MHA   | Member                |
| 20 Dr.                  | Nitin K. Jain, Scientist 'F', DBT, New Delhi  | Member<br>Secretary   |
|                         | Sangeeta Agarrwal, CSO, BSU, New Delhi  | Special Invitee       |
| 22 Dr.                  | Gandharva Nagpal, Scientist 'C', DBT, New Delhi   | Secretariat<br>Member |
| 23 Dr.                  | Sumita Kumari, Scientist 'C', DBT, New Delhi  | Secretariat<br>Member |
| Biosafety Support Unit: |   |                       |
|                         | Poonam Vishwakarma, Scientist   |                       |
| 25 Dr.                  | Govind Kumar Rai, Scientist   |                       |



| 26      | Dr. Reema Sharma, Scientist   |  |
|---------|---|--|
| 27      | Dr. Manpreet Kaur, Scientist  |  |
| Others: |   |  |
|         |   |  |
|         | Dr. Rajendra Lingala, M/s. Indian Immunologicals Ltd., Hyderabad      |  |
| 29      | Prof. Suresh Mahalingam, Griffith's University, Queensland, Australia |  |
| 30      | Dr. K.M Dayananda, M/s. Dr. Reddy's Laboratories Ltd., Hyderabad      |  |
| 31      | Dr. C. Nirmala Raju, M/s. Dr. Reddy's Laboratories Ltd., Hyderabad    |  |
| 32      | Dr. KVS Narayana Raju, M/s. Dr. Reddy's Laboratories Ltd., Hyderabad  |  |
| 33      | M. Saravanan, M/s. Virchow Biotech Pvt Ltd, Hyderabad                 |  |
| 34      | Dr. Amol, M/s. Virchow Biotech Pvt Ltd, Hyderabad                     |  |
| 35      | Dr. Durga Bhavani.Konga, M/s. Virchow Biotech Pvt Ltd, Hyderabad      |  |
| 36      | Ms. Vishali Aravinda, M/s. Virchow Biotech Pvt Ltd, Hyderabad         |  |

approved y apple