

MINUTES OF THE 159th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 08.08.2017 IN THE DEPARTMENT OF BIOTECHNOLOGY

The Chairman, RCGM extended a formal welcome to the members of the RCGM for the 159th meeting and initiated the process of the meeting. The list of participants is given at Annexure-I.

2. Proposals considered

2.1 Applications in the area of Pharmaceuticals

The Committee considered applications in the area of pharmaceuticals to import inactivated recombinant polio virus antigen, strains of *Spiroplasma citri*, eggs of *Aedes aegypti* mosquito, and adeno associated virus containing Channelrhodopsin, Archeorhodopsin, Halorhodopsin, GCaMP, Cre recombinase & CaMPARI; to export inactivated Polio Vaccine formulations; to conduct pre-clinical toxicity studies on recombinant Tocilizumab, Fusion monoclonal antibody- FmAb2, Insulin Glargine; pre-clinical study report on recombinant Insulin Glargine, and recombinant Trastuzumab emtansine; request for waiver of repeated dose toxicity studies on M710 during preclinical studies, request for clarification on importation and undertaking of laboratory studies on *Wolbachia*-based vector control strategy for the control of dengue/chikungunya transmitted by *Aedes aegypti* under MH&FW's Eliminate Dengue Program; and inspection report on site visit to cage studies on GE mosquito. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

2.2 Applications in the area of Agriculture

The Committee considered applications in the area of agriculture to import disease free plantlets of transgenic cassava and seeds of transgenic maize; to conduct confined field trials on GE cotton, maize, rubber, pigeonpea, rice & brinjal; and request for approval of toxicity and allergenicity protocols on transgenic cotton. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

The next meeting of the RCGM was scheduled on 26.09.2017. No other transaction took place and the meeting ended with vote of thanks to the Chair.

The minutes are approved.

Date: 06.09.2017
Place: Hyderabad


(Dr. B. Sesikeran)
Chairman, RCGM

ANNEXURE 1

List of Participants:-

1.	Dr. B. Sesikeran, Former Director, NIN, Hyderabad	Chairman
2.	Dr. S.R. Bhat, Emeritus Scientist, NRCPB, New Delhi	Co-Chair(Agri.)
3.	Prof. P. Kondaiah, IISC, Bangalore	Co-Chair(Bio-Pharma)
4.	Dr. S.J. Rahman, PJTSAU, Hyderabad	Member
5.	Dr. Vanga Siva Reddy, BSU, New Delhi	Member
6.	Dr. Gururaj Katti, IIRR, Hyderabad	Member
7.	Dr. S.K. Rath, Principal Scientist, CSIR-CDRI, Lucknow	Member
8.	Dr. A.K. Kondapi, University of Hyderabad, Hyderabad	Member
9.	Dr. Debendra K. Sahoo, IMTECH, Chandigarh	Member
10.	Dr. Madhumita Biswas, New Delhi	Nominee, MoEF&CC
11.	Dr. Murali Krishna, Scientist-D, MOEF&CC	Nominee, MoEF&CC
12.	Dr. Vijay Kumar, ICMR, New Delhi	Nominee, ICMR
13.	Dr. P.K. Chakrabarty (ADG-ICAR) ICAR, New Delhi	Nominee, ICAR
14.	Dr. Jayant Gangakhedkar, ADGI, CDSCO, New Delhi	Nominee, CDSCO
15.	Mr. Fahim Khan, Drug Inspector, CDSCO, New Delhi	Nominee, CDSCO
16.	Dr. Sanjay Kumar, CSIR, New Delhi	Nominee, CSIR
17.	Dr. S.R. Rao, Scientist-G, DBT	Member Secretary
18.	Dr. Rajalakshmi Muralidharan, Scientist-F, DBT	Member
19.	Dr. Amit Parikh, Scientist-E, DBT	Member

Biosafety Support Unit:-

20.	Dr. G.R. Soni, Chief (Bio-Pharma)
21.	Dr. Sangeeta Agarwal, Chief (Agriculture)
22.	Dr. Pranjali Vishwakarma, Scientist
23.	Dr. Shipra Sahi, Scientist
24.	Dr. Poonam Vishwakarma, Scientist

Other representatives:

25.	Dr. C. Nirmala, Dr.Reddy's Laboratories Ltd., Hyderabad.
26.	Dr. Indranil D, Dr.Reddy's Laboratories Ltd., Hyderabad.
27.	Dr. Samir. K. Mandal, Director, Dr.Reddy's Laboratories Ltd., Hyderabad.
28.	Dr. Vikas Kumar, Dr.Reddy's Laboratories Ltd., Hyderabad.
29.	Dr. J. Karunakaramaich, Biocon Ltd., Bengaluru.
30.	Dr. Solomon Alva, Biocon Ltd., Bengaluru.
31.	Dr. Sreesha Srinivasa, Biocon Ltd., Bengaluru.
32.	Dr. Pradip Kumar Biswas, Metahelix Life Science Ltd., Bangalore.
33.	Dr. Nagraj Kampti, Metahelix Life Science Ltd., Bangalore
34.	Dr. Sandhya Agarwal, Metahelix Life Science Ltd., Bangalore
35.	Dr. Sudip K. Majumdar, EPR Centre for Cancer Research and Bioinformatics, Telangana
36.	Dr. Chandrakant Patel, EPR Centre for Cancer Research and Bioinformatics, Telangana
37.	Dr. James Jacob, Director of Research, RRII, Rubber Board, Kottayam

38. Dr. Mathew E.A., RRII, Rubber Board, Kottayam
39. Dr. Kumardeven, RRII, Rubber Board, Kottayam
40. Dr. T. Satish, Cadila Healthcare Ltd., Ahmedabad
41. Dr. Samir Sangitrao, Cadila Healthcare Ltd., Ahmedabad
42. Dr. Jitendra Patel, Cadila Healthcare Ltd., Ahmedabad
43. Dr. Avaniph K.Singh, Mylan Pharmaceutical Pvt. Ltd., Hyderabad.
44. Dr. Hemanth Nandgala, Virchow Biotech Pvt. Ltd., Hyderabad
45. Dr. Durga Sharan, Virchow Biotech Pvt. Ltd., Hyderabad
46. Dr. Naven A, Virchow Biotech Pvt. Ltd., Hyderabad