

MINUTES OF THE 166th MEETING OF THE REVIEW COMMITTEE ON GENETIC MANIPULATION (RCGM) HELD ON 03.07.2018 IN THE DEPARTMENT OF BIOTECHNOLOGY

The Chairman, RCGM extended a formal welcome to the members of RCGM for the 166th 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 165th meeting of the RCGM held on 22.05.2018.

3. On action taken report, Member Secretary informed that during the 165th meeting of the RCGM, a total of 123 applications including information items was considered and the Secretariat is in the process of issuing the requisite permit letters based on the recommendations of the RCGM.

4. Proposals considered:

4.1 Applications in the area of Pharmaceuticals

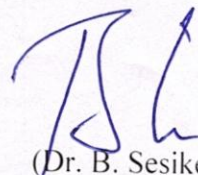
The Committee considered applications in the area of pharmaceuticals to import influenza A virus strain, synthetic DNA Constructs expressing Nivolumab, Denosumab & Pertuzumab, GFP expressing *Pseudomonas aeruginosa* strains, DiaBCure, DualGlobin, and attenuated *Mycobacterium tuberculosis* strains; to transfer recombinant Rituximab; to receive recombinant Rituximab and *E. coli* harboring Insulin Proglargine gene; to conduct preclinical toxicity studies on recombinant live attenuated Recombinant Tetravalent Dengue Vaccine, Rituximab and human albumin; and preclinical toxicity study report on Insulin Lispro. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

4.2 Applications in the area of Agriculture

The Committee considered applications in the area of agriculture to import *E. coli* DH5a stab culture, *E. coli ccdB* survival cells, seeds of *Medicago truncatula*, plasmids - *pBIN19*, *pcDNA3*, *pF0MV*, *pFoMV*, *pBaMV*, *pBaMV-VIGS*, *psatBaMV-VIGS*, *pBSMV1*, *pBSMV2*, *pBSMV3*, *pBMV1&2*, *pBMV3* and *pBSMV3-cp5*, *Agrobacterium* strain, and seeds of corn hybrids and *Arabidopsis thaliana*; to export seeds of *Arabidopsis thaliana*; and to conduct on Biosafety Research Level-I Trial of Transgenic Corn and Bt cotton; and Inspection report of Central Compliance Committee on event selection trial of Water Use Efficient rice. After deliberation on each application including information items, appropriate decision was taken by the RCGM.

The next meeting of the RCGM was scheduled on 21.08.2018. No other transaction took place and the meeting ended with vote of thanks to the Chair.

The minutes are approved.



(Dr. B. Sesikera)

Former Director, NIN, Hyderabad

Place: Hyderabad

Date: 18.07.2018

Annexure-I

List of Participants:

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| 1. Dr. B Sesikeran, Former Director, NIN, Hyderabad | - Chairman |
| 2. Dr. S.R. Bhat, Emeritus Scientist, NRCPB, New Delhi | - Co-Chairman |
| 3. Prof. P. Kondaiah, IISc, Bangalore | - Member |
| 4. Dr. Shailaja Hittalmani, Former Dean, UAS, Bangalore | - Member |
| 5. Dr. Vanga Siva Reddy, CSO, BSU New Delhi | - Member |
| 6. Dr. S.N. Sudhakara Babu, IIOR, Hyderabad | - Member |
| 7. Dr. Natarajan Sakthivel, Pondicherry University, Puducherry | - Member |
| 8. Dr. Gururaj Katti, Principal Scientist, IIRR, Telangana | - Member |
| 9. Dr. S. K. Rath, Principal Scientist, CSIR-CDRI, Lucknow | - Member |
| 10. Dr. Kulbhushan Tikoo, Professor & Head, NIPER, Mohali | - Member |
| 11. Dr. A. K. Kondapi, Professor, UOH, Hyderabad | - Member |
| 12. Dr. Debendra K. Sahoo, IMTECH, Chandigarh | - Member |
| 13. Dr. Amita Aggarwal, SGPIMS, Lucknow | - Member |
| 14. Dr. Murali Krishna, MoEF&CC, New Delhi | - Nominee-MoEF&CC |
| 15. Dr. Vijay Kumar, Scientist-G, ICMR, New Delhi | - Nominee-ICMR |
| 16. Dr. Jayant Gangakhedkar, ADGI, CDSCO, New Delhi | - Nominee-CDSCO |
| 17. Dr. Gurinderjit Randhawa, NBPGR, New Delhi | - Nominee- NBPGR |
| 18. Dr. S.R. Rao, Scientist-H, DBT | - Member Secretary |
| 19. Dr. Rajalakshmi Muralidharan, Scientist- F, DBT | - Member |
| 20. Dr. Sanjay Kalia, Scientist-E, DBT | - Member |

Biosafety Support Unit:

21. Dr. G.R. Soni, Chief (Bio-Pharma)
22. Dr. Sangeeta Agarwal, Chief (Agriculture)
23. Dr. Swati Ojha, Scientist
24. Dr. Anuradha Gupta, Scientist
25. Dr. Premkumar A, Scientist

Other representatives:

26. Dr. L. Rajendra, Indian Immunologicals Ltd., Hyderabad
27. Dr. Vinod Pantula, Indian Immunologicals Ltd., Hyderabad
28. Dr. Seetharam Annadana, Syngenta, Pune
29. Dr. M. Venkatachalam, Syngenta, Pune
30. Mr. Manish Sharma, Ipca Laboratories Ltd., Mumbai
31. Mr. Hiralal Kushwaha, Ipca Laboratories Ltd., Mumbai
32. Dr. Sanjeev Gupta, Ipca Laboratories Ltd., Mumbai
33. Dr. Manjula S. Maralappanavar, UAS, Dharwad, Karnataka
34. Dr. Rajyashri Karur, Shilpa Medicare Ltd., Karnataka
35. Dr. Vinay Konaje, Shilpa Medicare Ltd., Karnataka
36. Dr. Mohanish Kankonkar, Unichem Labs Ltd., Goa
37. Dr. Ramnath R.L, Reliance Life Sciences, Navi Mumbai