

OFFICE MEMORANDUM**Sub: National Expert Group on One Health- regarding**

Human health is inextricably linked to animal health, plant health and environment. Approximately 75 percent of all emerging infectious diseases originates from animals and the worldwide analysis of emerging infections has a shaded belt—across northern and eastern India among the areas where new diseases are most likely to occur (Jones *et al.* 2008). Several pandemics in this century have originated from animals viz. severe acute respiratory syndrome (SARS), Middle East Respiratory Syndrome (MERS), influenza H1N1, influenza H7N9 etc. World Health Organization (WHO), Food and Agriculture Organization (FAO) and World Organization of Animal Health (OIE) have been advocating an ingrained and holistic approach “One Health” for combating health threats to human and animals.

2. Department of Biotechnology organized “One Health India Conference 2019” on 18-19th February, 2019 in collaboration with national and international agencies to integrate knowledge and identify needs and opportunities to coordinate activities related to “One Health”. The Conference, defined “One Health Road Map” with multi-sectoral and transdisciplinary approach to achieve the targets. Department of Biotechnology also organized a Joint meeting with the veterinary experts of BMGF on 4th October, 2019 on enhancing livestock productivity and human interdependencies through R&D interventions.

3. In order to promote multi-sectoral, trans-disciplinary collaboration and cooperation approach to achieve One Health framework, the “**National Expert Group on One Health**” is constituted with following Composition and Terms of reference:

I. Composition

1) Prof. G. Padmanabhan, IISc, Bangalore	Chairman
2) Dr R.S.Paroda, Ex DG, ICAR, New Delhi.	Co-Chairman
3) DG, ICMR, New Delhi or representative (Not below the rank of Joint Secretary).	Member
4) DG, ICAR, New Delhi or representative (Not below the rank of Joint Secretary).	Member
5) Additional Secretary, New Emerging & Strategic Technologies, MEA, New Delhi.	Member
6) Chairman, NDDDB, Anand or representative.	Member
7) Managing Director, Amul, Anand or representative.	Member
8) Dr H.Rahman, ILRI-India Representative, New Delhi.	Member
9) Dr Purvi Mehta, BMGF, New Delhi.	Member
10) Representative of WHO, New Delhi.	Member
11) Representative of US AID, New Delhi.	Member
12) Animal Husbandry Commissioner, Govt of India, Krishi Bhawan, New Delhi.	Member
13) Director, IVRI, Izatnagar, UP.	Member
14) Dr H.V.Batra, Chairman, TEC, Animal Biotechnology, DBT.	Member
15) Dr Subeer Majumdar, Director, NIAB, Hyderabad.	Member
16) Dr M. Aslam, Adviser, DBT	Member

- 17) Dr A.K.Rawat, Adviser, DBT
18) Dr L.K.Narnoliya, Scientist C, DBT

Member
Member Secretary

II. Terms of Reference

1. To identify the priority areas of concerns with respect of diseases, emerging or re-emerging infections, biosafety and biosecurity challenges and policy environment that require immediate or long-term interventions. The Group will advance a future One Health framework for India and the Region based on inclusive policy reform, scientific innovation and sustainable investment.
2. To recommend basic and applied research in identified priority areas for better understanding of mechanism of virulence, infections and its transmissions leading to the development of relevant tools and techniques for detection, diagnosis and control.
3. To recommend capacity building through engagement and training of manpower, including students, researchers, primary respondents and healthcare professionals in identified priority areas.
4. Policy for sharing of information amongst countries in the Region on existing and evolving disease burdens, challenges, research outcome and outputs and promote exchange of resources, including trained manpower, tools, reagents, organisms, etc. for effective medical countermeasures.
5. The Group will facilitate policy mechanism(s) and regulation(s) to define the role of Government and other stakeholders on responsibly regulating / dealing with One Health related activities.
6. The tenure of the group will be for a period of 3 years from the date of notification and experts (non-officials) will be entitled for TA, sitting fee etc. as per the norms of Govt. of India.



(Dr. A.K. Rawat)
Adviser, DBT

To:

1. All Concerned
2. NIC to upload on DBT website