

CIRCULAR

An interactive meet was held on 29-30 August, 2008 under the auspices of Animal Science Division of ICAR and Indian Society of Animal Genetics and Breeding at NASC Complex, DPS Marg. The main objectives of the meet were to develop a national strategy on conservation and utilization of animal and animal genomic resources, identify partners/institutions to work in the area and also to deliberate on modalities to develop gene banks for veterinary pathogens, dairy and rumen microbes etc. so that an information and material storehouse could be put in place for resource sharing and updating.

The meet was planned to have maximum input from the panelists and participants so that a consensus on action plan for conservation and utilization of animal and microbial genetic resources could be arrived at.

The major recommendations of the interactive meet are as follows:

Session I : Farm Animal Genetic Resources

◆ Inventorization and characterization of country's Animal Genetic Resources (AnGR) on the basis of option value and formation of breed societies. **(Action : ICAR {NBAGR, Karnal}; Deptt. of Animal Husbandry, Dairying and Fisheries- Breed societies)**

◆ NBAGR to develop linkages with species institutes for ex-situ conservation of gametes and embryos. Somatic cells and DNA conservation to be done by NBAGR. **(Action : NBAGR, Karnal, other species institutes of ICAR and State Agricultural/ Veterinary Universities)**

◆ Land use policy/reservation may be reviewed involving all stake holders like forest, railway, agriculture and AH deptt. **(Action : Department of Animal Husbandry, Dairying and Fisheries, Department of Agriculture & Cooperation Ministry of Railway, Ministry of Environment & Forest and All State Forest Departments)**

◆ On the lines of PPVFRA, an act as PABAKRA (Protection of Animal Breeds and Animal Keepers Rights Act) may be pursued for approval of the Govt. **(Action : Department of Animal Husbandry, Dairying & Fisheries and ICAR Hqrs, New Delhi)**

◆ A central technical body headed by National Coordinator may be constituted to plan and monitor AnGR issues including maintenance of referral populations/ economic evaluation of AnGR/ harmonization of existing programme. **(Action : Department of Animal Husbandry, Dairying & Fisheries and ICAR Hqrs, New Delhi)**

Session II, III and IV : Veterinary pathogens, Dairy Microbes and Rumen Microbes

◆ Considering the importance of Veterinary Pathogens, Dairy and rumen microbes, it was recommended to grant independent status to Veterinary Type Culture (VTC) in the form of Indian Veterinary Type Centre with two coordinating units of NDRI, Karnal for Dairy Microbes and the other at NIANP for Rumen Microbes for which resource provisioning needs to be included in VTC EFC. **(Action : ICAR Hqrs, New Delhi and Director, NRC Equines)**

◆ Development of protocols for microbes/ pathogens concerning the collection, identification, preservation, transports and post conservation assessment. **(Action : Director, NDRI, Karnal, Director, NIANP, Bangalore and Director, NRC Equines, Hisar)**

This is for kind information and necessary action to all the concerned departments and agencies.

(Lal Krishna)

Assistant Director General (AH)

Copy to :

1. PPS to Secretary, DARE and DG, ICAR
2. PS to DDG (AS), ICAR
3. All Directors of Animal Science Institutes of ICAR
4. ADG (AP&B)/ ADG (AH)/ ADG (ANP) ICAR Hqrs, New Delhi
5. The Secretary, Deptt. of Animal Husbandry, Dairying and Fisheries
6. The Vice Chancellors, State Agricultural/ Veterinary Universities
7. The Secretary, Department of Agriculture & Cooperation
8. The Secretary, Ministry of Railways
9. The Secretary, Ministry of Environment & Forest
10. The Chief Conservator of All State Forest Departments