

# NATIONAL RESEARCH CENTRE ON EQUINES

## SIRSA ROAD, HISAR

### IAEC, NRCE, Meeting 2017-Proceedings

**NRCE/CPCSEA/2017-18 DATED**

**18/09/2017**

A MEETING OF THE Institute Animal Ethics Committee (IAEC) was held on 18/09/2017 at 1100 AM under the Chairmanship of Dr Nitin Virmani, Principal Scientist, NRCE, Hisar in the Committee room of National Research Centre on Equines, Hisar, Haryana to examine the requirement of experimental animals, in various research products of the NRCE, Hisar. The IAEC critically examined the proposals. Following officials were present in the meeting:-

Dr Nitin Virmani, Chairman, IAEC (NRCE, Hisar)

Dr Harbans Lal- Main CPCSEA Nominee

Dr Suresh Kumar- Scientist from Outside the Institute

Mr Anil Kamboj- (Non-Scientific Socially Aware Member)

Dr Balwinder Kumar, Senior Scientist, I/c Animal House

Dr R K Vaid, Scientist from different biological Discipline, Member Secretary

**Proposals submitted by scientists for the consideration and their status regarding approval by IAEC**

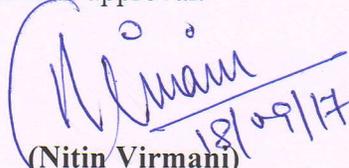
S.No	Name of the project	Project	Principal Investigator	Requirement	Approved/ Not Approved
<b>Small Animals</b>					
1	Development of rapid diagnostic (LFA) for equine piroplasmosis	NRCE Institutional Project	Dr Sanjay Kumar, Principal Scientist	BALB/c Mice; adult; of either sex; 20 numbers	Approved
2	<i>In vitro</i> growth inhibitory efficacy of different herbal plant extracts against <i>Theileria equi</i> and identification of principal drug molecule(s) thereof.	NRCE Institutional Project	Dr Sanjay Kumar, Principal Scientist	Adult Albino Mice of either sex; 80 numbers	Approved
3.	Nanobased therapeutic interventions against osteoarthritis	NRCE Institutional Project	Dr Anju Manuja, Principal Scientist	16 rabbits of either sex	Approved
4	Molecular epidemiology of Japanese encephalitis virus in pigs and mosquitoes in Assam	Department of Biotechnology, Biotechnology Programme Management Cell, Govt. of India	Dr B R Gulati, Principal Scientist	Guinea pigs and mice; Either sex for guinea pigs & BALB/c mice; female mother mice;	Approved

				Number to be used; 4 G. pigs (16-17); Mice, mother with babies; 200 (2016-17) and Balb/c mice: 200 (2016-17)	
5	Generation of recombinant <i>Equine Herpesviruses</i> 1 through BAC mediated deletion mutagenesis and their comparative pathogenicity and immunogenicity in murine model	NRCE, Hisar, Student Thesis research Work	Dr Nitin Virmani, Principal Scientist	BALB/c Mice of either sex and 4-5 week age; Number required 267	Approved
6	Development of diagnostics for emergency preparedness and monitoring of emerging equine viral diseases	NRCE Institutional Project	Dr Balwinder Manuja, Pr. Scientist	8 Nos of adult rabbits of either sex	Approved
7	Phenotypic and genotypic Authentication and preservation of network bacterial isolates	NRCE Institutional Project	Dr R K Vaid, Pr. Scientist	25 mice, 5 Guinea pigs; either sex	Approved
8	Development of bacteriophage repository and exploring the therapeutic potential of phages and their encoded endolysins	NRCE Institutional Project	Dr Taruna Anand, Scientist	Lactating mice, ~ 1 week after giving birth, 25-30 g, 6-8 weeks, 100 numbers	Approved
9	Development of bacteriophage repository and exploring the therapeutic potential of phages and their encoded endolysins (Institutional project)/ Development of phage and engineered endolysin based therapeutics for treatment of major diseases of livestock and poultry in the era of emerging antimicrobial resistance (Proposed project-NASF)	NRCE Institutional Project	Dr Taruna Anand, Scientist	Poultry birds, ~1week, 130 numbers	Approved
10	Development of sensitive and specific diagnostic assays for detection of <i>Trypanosoma evansi</i> infection in animals using modern molecular tools	National Fellow Project	Dr Rajender Kumar, National Fellow	Adult Swiss Albino Mice (72) and BALB/c (30) mice of either sex	Approved
11	Surveillance, monitoring, and control of emerging and existing diseases of equines	NRCE Institutional Project	Dr Harisankar Singha	Guinea pigs: 40; Swiss Albino mice: 190; Balb/c Mice:60;	Approved

				Rabbit: 4 and poultry: 10	
<b>LARGE ANIMALS</b>					
12	Exploration of genomic signatures for indigenous horses using next-generation sequencing approaches	NRCE , Project	Dr Anuradha Bharadwaj	Blood and saliva collection from 200-250 number of horses	Approved
13	CRP on Vaccines and diagnostics- Refinement of EHV1 vaccine	ICAR funded project under CRP	Dr Nitin Virmani	Pregnant ponies: 18	Recommended to be sent to CPCSEA Large Animal committee for final approval

The Committee also visited the experimental sheds/facilities and was satisfied with the facilities existing in this centre. The IAEC members emphasized on the fact that form B filled by the Scientist should be complete in all respects including detailed procedures for the experiment, methodologies adapted for euthanasia/ rehabilitation etc.

It was recommended that Scientist should maintain the records and adhere to use the approved experimental animals as per their approved research projects submitted to CPCSEA for approval.

  
 (Nitin Virmani)  
 Chairman, IAEC

Copy to:

1. All Scientists, NRCE main campus and NCVTC, NRCE, Hisar
2. I/C EPC Bikaner with the request that the same may please be circulated to all Scientists at EPC, Bikaner
3. Director, NRCE for information and n/a, please.
4. AO, NRCE, Hisar for information, please
5. Notice Board