

MINUTES OF THE XVI MEETING OF COMMITTEE FOR THE PURPOSE OF CONTROL AND SUPERVISION OF EXPERIMENTS ON ANIMALS (CPCSEA) HELD ON 16TH NOVEMBER, 2006 AT 3:00 P.M. UNDER THE CHAIRMANSHIP OF SHRI B.S. PARSHEERA, CHAIRMAN, CPCSEA AND ADDITIONAL SECRETARY, MINISTRY OF ENVIRONMENT & FORESTS.

A List of Participants in the meeting and list of Members granted leave of absence are enclosed.

Chairman, CPCSEA, welcomed the members of newly reconstituted CPCSEA. At the outset, Member Secretary, CPCSEA gave a brief background on the functioning of CPCSEA. The agenda items were taken up thereafter as follows:

16.1 CONFIRMATION OF THE MINUTES OF THE XV MEETING OF CPCSEA HELD ON 27TH JUNE, 2006.

CPCSEA confirmed the Minutes of the XV meeting.

16.2 TO REVIEW THE ACTION TAKEN ON THE MINUTES OF THE XIV MEETING AND PENDING POINTS OF PREVIOUS MEETINGS OF CPCSEA.

9.2-3.1.2 Review of experiments using animals in case of traditional medicines; and

9.2-3.2.5 Funding of projects and traditional system of medicines and proper scientific review with regard to the scope and purposes of research.

Since Director AYUSH had been unable to attend meeting, it was decided that he may be requested to attend the next meeting of CPCSEA so that the matter could be appropriately examined by the Committee.

11.1-5 Suspension of Registration of M/s. Russel Kennels, Ajmer, Rajasthan.

After reviewing the position in light of the reports received from M/s. Help in suffering, Jaipur and the Department of Animal Husbandry, Ajmer, the Committee was of the view that suspension of the registration of M/s. Russel Kennels, Ajmer should continue. The agenda item may, thereafter, be removed from the agenda of the forthcoming meeting of the CPCSEA

12.5 Stopping of redundant experiments in Medical and Veterinary Colleges.

Dr. Sarita Bhalla, Deputy Director(MED), Directorate of PPQ & Storage, Ministry of Agriculture, attended the meeting with the approval of Chairman, CPCSEA. She presented the executive summary of the report before the Committee. She explained that MCI had already substantially reduced experimentation on animals at undergraduate level but some experimentation on animals was essential for demonstration purposes. She also pointed out

that there was scope of replacing experimentation with computer simulated techniques. The Committee appreciated the efforts put in this regard.

The comments received from Dr. Lal Krishan on the contents of the courses under VCI and from Dr. K.M. Chacko on courses under PCI were also examined.

It was agreed that Dr. Chacko may be requested to provide a more specific report with respect to experimentation of animals carried out by PCI.

It was also agreed that CPCSEA would examine the reports in its next meeting and thereafter forward its suggestions to the concerned apex bodies.

12.6 Proposal for one day training to CPCSEA nominees.

It was explained by Member Secretary that subsequent to the decision taken in previous meeting of CPCSEA, Dr. K.M. Chacko had furnished a proposal for conduct of two days training programme in New Delhi. During the course of examination of this proposal, Chairman, CPCSEA advised that a compact and modular training programme be devised that would provide adequate inputs to CPCSEA nominees. Accordingly, a note was submitted wherein two kinds of trainings for CPCSEA nominees were proposed. These were:

- (i) A number of institutions of repute across the country seek financial assistance from CPCSEA for organizing workshops/seminars/symposium/training programmes etc. that have bearing on the mandate of CPCSEA. CPCSEA nominees may be included in such programmes.
- (ii) Separately, a 5 day residential training programme could be devised for CPCSEA nominees at National Institute Animal Welfare (NIAW), a sub-ordinate office of Ministry of Environment & Forests where trainings on animal welfare related issues are imparted. Turnkey implementation of training programmes was already being undertaken by M/s. Ed.CIL. Such residential training would not entail any additional cost to CPCSEA apart from payment of TA/DA. If about 100 nominees were trained each year at NIAW, it would be possible to cover all nominees over a period of 3 years.

CPCSEA approved the above suggestions and also approved the suggestion that the 5 days training, should be mandatory for CPCSEA nominees once in 3 years. The specific training schedule could be drawn up as per convenience of CPCSEA nominees and this aspect could also be reflected in their official mandate at the time of appointment.

The CPCSEA members were requested to provide suggestions for the contents of the 5 days residential training programme, which would be coordinated by Expert Consultant, CPCSEA, before being taken up with M/s Ed.CIL.

13.4 Inspection Reports for approval of Animal House Facilities.

This was taken up as per agenda item No. 16.8.

13.6 Deposit of the amount collected as Registration/Renewal Fee.

In view of the decision taken in the last meeting for formulation of appropriate Rules and Procedures for CPCSEA, it was considered whether it was feasible and appropriate for the Committee to be converted into a registered society with autonomous status.

The Committee gave its in principle approval for formation of administrative rules for CPCSEA and for initiating action towards conversion of CPCSEA into a registered society with autonomous status.

13.7 Meeting of the Sub-Committee on Rehabilitation on Animals after their Experimentation.

The Committee examined the status note in respect of meetings of the Sub-Committee on Rehabilitation of Animals after Experimentation and indicated their broad approval for the approach. The Committee members were requested to examine the findings and documentation prepared by the Sub-Committee in detail and forward their comments at the earliest so that matter could be taken up at the next meeting of CPCSEA.

14.3 Consideration of Application for registration of Institute pending since October, 2005.

The Committee noted the compliance and directed that the item may be removed from the agenda of forthcoming meeting.

14.4 Approval of Animal House Facilities : Ranbaxy Laboratory, Satbadi Gurgaon.

This was taken up as per agenda item No. 16.8.

16.3 REGISTRATION OF INSTITUTES WITH CPCSEA.

The Committee noted the position.

16.4 CONSIDERATION OF PROPOSALS ON ANIMAL EXPERIMENTATION.

16.4.1 Subsuming of sub committee on large animals (SCLA) in newly reconstituted CPCSEA and change in standing time table of meeting of CPCSEA.

The Committee took note of the above changes.

16.4.2 Update regarding proposals submitted earlier.

During the last meetings of SCLA, certain project proposals were deferred for want of details of the project and for other reasons. In one such proposal of IVRI, clarifications had been received and were considered by CPCSEA as follows:

S. No	Name of the institute/Name of the Investigator	Project Title	Decision of the XXIV SCLA meeting	Action Taken/ updated Status/ development /latest position	Decision of CPCSEA
1.	Indian Veterinary Research Institute, Izatnagar, U.P.	Characterization of the candidate genes regulating embryonic survival and maternal recognition of pregnancy in buffaloes.	The Committee sought details of the procedure to do gene hunting and identify genes which regulate embryonic survival and maternal recognition of pregnancy in buffaloes (Ref. Minutes of meeting of SCLA on 6.1.2006)	The institute has submitted the clarification	Approved.

16.4.3 Consideration of New Proposals :

Two new project proposals where-in the animal house facilities of the concerned establishments had been approved by CPCSEA, were considered as below:

S.No	Name of the institute/Name of the Investigator	Project Title	Decision of CPCSEA
1.	Tamil Nadu Veterinary and Animal Sciences University, Madhavram Milk Colony, Chennai-600051. / Dr. T.G. Prabhakar Received on 28.9.2006	All India Network Programme on Haemorrhagic Septicaemia.	Approved.
2.	Sun Pharma Advanced Research Center (SPARC), Tandalija. Baroda. 390020 (Gujarat) Received on 20.10.2006	Regulatory / DRF metabolic studies in dogs.	The Committee sought details regarding the source of procurement of beagle dogs and desired that NCE's identification code may be provided so that the matter could be considered.

16.4.5 CLARIFICATIONS SOUGHT BY ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) :

The Institutional Animals Ethics Committee (IAEC) at AIIMS considered two protocols on 1-8-2006 and sought certain clarifications thereon. The details were considered by CPCSEA as under:

S. No.	Project titled	Clarification sought	Decision of CPCSEA
1	"Collaborative research studies for the screening of anti-cataract activity and corneal sensitivity of various formulations using developing chick embryo"	Whether the study on fertilized eggs requires ethical clearance of IAEC.	Clearance of IAEC is not required.
2.	"Motor responses to noxious/non-noxious stimuli in spinalised rats: Role of electromagnetic stimulation and environmental enrichment in recovery"	Views of CPCSEA are sought regarding the use of spinalised animals.	The concerned IAEC should consider and decide as per norms.

16.6. ACTION TAKEN AND FURTHER ACTION REQUIRED ON THE BASIS OF THE REPORT OF THE CONSULTATIVE GROUP ON REVIEW OF THE NORMS AND PRACTICES FOR REGULATION OF ANIMAL EXPERIMENTATION.

16.6.1 Notification Of Breeding Of And Experiments On Animal (Control & Supervision) Amendment Rules, 2006.

The Committee noted the position.

16.6.2 Action to be taken.

The report of the Consultative Group on Review of the Norms and Practices for Regulation of Animal Experimentation, specified certain implementation steps including issue of guidelines. Guideline (iii) states as follows:-

"On the issue of Agriculture Production Research where the conventional regulatory framework may not to be applied, operation guidelines will be framed by CPCSEA to provide a model for self regulation by practitioners."

After consideration, it was decided that Dr. K.Nachimuthu, Member CPCSEA & Director of Research (Retd.), TANUVAS and Dr. P. Balakrishnamurthy, Member, CPCSEA & Director, IIBAT would examine this issue so that the matter could be placed in next meeting of CPCSEA. Relevant background papers and minutes of the Consultative Group would be provided to them.

16.7 FINANCIAL ASSISTANCE FOR CONDUCT OF NATIONAL CONFERENCE ON "RATIONAL USE OF ANIMALS IN RESEARCH"- ex-post-facto approval.

The Committee approved the release of financial assistance of Rs.1 lakh for organization of National Conference on "Rational Use of Animals in Research" jointly by Laboratory Animals Scientists Association (LASA), Indian Pharmacological Society (IPS) and Centre for Advance Research in Preclinical Toxicology, National Institute of Nutrition (NIN), Hyderabad held at NIN, Hyderabad on 1-2 November, 2006.

16.8 APPROVAL OF ANIMAL HOUSE FACILITY BY CPCSEA.

The Animal House Facilities of the following seven institutions were considered/approved by CPCSEA.

(a) Sree Chitra Tirunal Institute of Medical Sciences, Bio Medical Technology Wing, Poojappura, Thiruvananthapuram-695 012 Kerala.

The animal house facility of the institute was approved.

(b) National Institute of Nutrition, India Council of Medical Research (ICMR), Jamai-Osmania P.O., Hyderabad – 500 007, Andhra Pradesh.

The animal house facility of the institute was approved.

(c) Shri Ram Institute for Industrial Research, 19, University Road, New Delhi-110 007.

The animal house facility of the institute was approved.

(d) Ranbaxy Laboratories Limited, R & D II , Sarhaul, Sector 18, Plot No. 20, Gurgaon – 122 001, Haryana.

The new kennel facility of the institute was approved by CPCSEA subject to the condition that the old kennel facility should be upgraded in light of the observations of the Inspection Team. The improvements required to be carried out to make the facility adequate for rehabilitation of the beagle dogs being kept there would be separately conveyed by Expert Consultant, CPCSEA.

(e) Vels College of Pharmacy, Chennai, Tamil Nadu.

The inspection report was considered and it was decided that the institute be requested for reporting the compliance in respect of the following suggestions within a month: -

(i) It was observed that animal house facility full of mosquitoes and mosquito nets to be fixed in all the windows and a mesh door at the entrance.

(ii) Rat cages were overcrowded and the solitary rabbit was put into a small cage, which is not meant for the rabbit, and trying to escape the animal was found with facial injuries.

(iii) More rat cages should be purchased and rats should be kept with out overcrowded in the cages.

(iv) Rabbit cage should be changed as per the standard size.

The matter would be considered by CPCSEA after compliance of the above-mentioned suggestions.

(f) Ethicon Institute of Surgical Education, Chennai, Tamil Nadu.

The animal house facility of the institute was approved.

(g) MMM Heart Foundation & Research Centre, Madras Medical Mission, Hospital Research Training, Chennai, Tamil Nadu.

The inspection report was considered and it was decided that the institute be requested for reporting the compliance in respect of the following suggestions within a month: -

(i) The animal house for small animals has to remain separate from pen facility for sheep/goat. Or there should be proper separation in the current facility. Different animals should not see each other, especially during surgery.

(ii) Both the facilities should have environmental conditions well maintained, especially temperature and humidity. In case of large animals during surgery and postoperative care, the facility should remain sterile and environmental conditions controlled.

(iii) The doors and windows should remain in such a way that no vermins and pests, especially insects, wild rats and snakes, should enter the facility.

(iv) The pen should be covered with mat shades, on east and west sides in order to avoid too much of direct sunlight and heat inside.

(v) There should be a separate place for rehabilitated animals. This can be done by dividing the present facility into two.

The matter would be considered by CPCSEA after compliance of the above-mentioned suggestions.

16.9 ANY OTHER ITEM WITH PERMISSION OF CHAIRMAN

Regarding inspection of animal houses facilities, a point was raised about the need for expansion of activities of CPCSEA, as also conducting of inspections of approved animal houses at regular intervals to ensure that the facilities were maintained as per approved norms. The Committee approved that this function could be assigned to the respective CPCSEA nominees who were visiting the institutions for attending IAEC meetings. A note for the specific modalities to be followed by the CPCSEA nominees would be prepared by Mr. Balakrishnamurthy, Member, CPCSEA & Director, IIBAT and Mr. A.J. Rao, Member, CPCSEA & Professor, D/o Biochemistry, IISc.

Annexure

Following were present

1. Shri B.S. Parsheera,
Chairman, CPCSEA &
Additional Secretary,
Ministry of Environment & Forest,
Paryavaran Bhavan, CGO Complex,
Lodhi Road, New Delhi – 110003.
2. Ms. Somya T. Dave,
Director(AW) and Member Secretary, CPCSEA,
8th Floor, Jeevan Prakash Building,
25, Kasturba Gandhi Marg, New Delhi-110001.
3. Dr. Shashi Motilal,
7, Vaishali Apartments,
IIT Delhi, New Delhi – 110016.
4. Dr. K. Venkaiah,
Deputy Director,
National Institute of Nutrition,
Tatanaka, Hyderabad – 500007.
5. Dr. P. Balakrishna Murthy,
Director,
International Institute of Biotechnology & Toxicology (IIBAT),
12, Harleys Road, Kilpauk,
Chennai-600010.
6. Dr. K. Nachimuthu,
Director of Research (Retd.), TANUVAS,
No.4, Dhamodara Street,
Panchvadi, Chetpet,
Chennai-600031.
7. Dr. A.J. Rao,
Professor, D/o Biochemistry,
Indian Institute of Science,
Bangalore-560012.
8. Dr. V.K. Vinayak,
Retd. Senior Advisor, D/o Biotechnology,
B-1, E-12, Mohan Co-operative Industrial Estate,
Mathura Road, New Delhi-110044.

Leave of absence was granted to the following:

1. Dr. Vasantha Muthuswamy,
Senior Deputy Director General,
Indian Council of Medical Research,
Anasri Nagar, New Delhi.
2. Dr. D. Swaroop,
Head, Division of Medicine,
IVRI, Izatnagar-243122,
Uttar Pradesh.
3. Dr. T.P.R. Bhardwaj,
Senior Consultant, Haematologist,
Apollo Hospitals,
21. Greams Lande, Off. Greams Road,
Chennai-600006.