

MINUTES OF THE XVIII MEETING OF COMMITTEE FOR THE PURPOSE OF CONTROL AND SUPERVISION OF EXPERIMENTS ON ANIMALS (CPCSEA) HELD ON 20.3.2007 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 Members who attended the meeting and list of Members granted leave of absence are enclosed.

Chairman, CPCSEA, welcomed the members and agenda items were taken up as follows:

18.1 CONFIRMATION OF THE MINUTES OF THE XVII MEETING OF CPCSEA HELD ON 22nd JANUARY 2007.

The Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) confirmed the Minutes of the XVII Meeting held on 22nd January 2007.

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

9.2-3.1.2: To review of experiments using animals in case of traditional medicine

9.2-3.2.5: Funding of projects on traditional systems of medicine and proper scientific review with regard to the scope and purpose of research.

The Committee was informed that a letter from Chairman, CPCSEA to Secretary, Department of AYUSH in this regard was issued on 19.3.2007 and if required a separate meeting would be held with officials of AYUSH. The Committee noted the position.

12.6 Proposal for one day training to CPCSEA nominees.

The Committee noted the contents of the training modules, training course materials and suggested faculties prepared jointly by Dr. P. Balakrishnamurthy, Member, CPCSEA and Expert Consultant. The first training programme was scheduled from 16th to 20th April 2007 at NIAW, Faridabad, Haryana and the Committee appreciated the efforts made in this regard.

The item would be removed from the agenda of next meeting.

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

The Committee was informed that the matter was under consideration in the Ministry.

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

The suggestions made by Dr. K. Nachimuthu, Member, CPCSEA were perused, and it was clarified that these aspects had already been deliberated upon by the Sub-Committee.

It was accordingly decided that the recommendations of the Sub-Committee would be submitted on file.

16.6.2 Action to be taken on the basis of Report of Consultative Group on Review of the Norms and Practices for Regulation of Animal Experimentation.

The matter was discussed and it was agreed that a detailed note along with suggested guidelines and implications for amendment in rules if any would be submitted for consideration by CPCSEA. Dr. D. Swarup, who had been part of the Consultative Group, would also give his views in this regard.

16.8 Approval of Animal House Facility by CPCSEA.

CPCSEA noted the clarifications forwarded to M/s. Ranbaxy Laboratories Ltd. by Expert Consultant (CPCSEA) regarding the specific improvements required to be carried out in the old Kennel facility.

In respect of MMM Heart Foundation, Chennai, since compliance report had been received, the Animal House Facility of the institute was approved for the purpose of Experimentation on Rat, Mice, Rabbit and Sheep.

In respect of M/s. VEL's College of Pharmacy, Chennai, the compliance report of the institute has not yet been received. It was agreed that 3 months more be provided to the institute for this purpose.

16.9 Regarding Inspection of Animal House Facilities

The Committee was informed that the instructions to all the establishments and all CPCSEA nominees were issued on 13th March 2007. The Committee noted compliance.

17.3 Registration of Institutes with CPCSEA.

The Committee was informed that the instructions to all the apex bodies were issued on 13th March 2007. It was also informed that requisite information regarding relevant Rules / Guidelines have been provided to Dr. Ranjini Warriar, Director, MoEF on 14.3.2007. Compliance was noted by the Committee.

17.5 Approval of Animal House Facility of CPCSEA.

The Committee noted that compliance report was awaited in respect of the following three Institutes.

- (i) Medical Education Department, Stanley Medical College, Chennai.
- (ii) Southern Regional Research Centre, Central Sheep and Wool Research Institute, Mannavanoor – PO, Kodaikanal, Tamil Nadu.
- (iii) Institute of Veterinary Biology Products, Department of Animal Husbandry, Pune, Maharashtra.

17.6 Proposal of Forest Department, Govt. of NCT of Delhi for use of Commensal Monkeys being Rehabilitated at their Monkey Shelter at Rajokari for research purposes.

CPCSEA Members were informed that response of Govt. of NCT of Delhi had not yet been received.

17.7 Sub-Committee for Selection of CPCSEA Nominees on Institutional Animals Ethics Committees.

This item would be considered in the next meeting of CPCSEA.

18.3 REGISTRATION OF INSTITUTES WITH CPCSEA.

The Committee noted the position.

AGENDA ITEM NO.18.4 : CONSIDERATION OF PROPOSALS RELATING TO ANIMAL EXPERIMENTATION.

AGENDA ITEM NO.18.4.1: CONSIDERATION OF NEW PROPOSALS:

The details of the project proposals placed before the Committee were examined as under:

S. No	Name of the institute/Name of the Investigator	Project Title	Decision of CPCSEA
1.	M/s. Zydus Cadila Health Care Ltd. Sarkhej-Bavla N.H.No. 8A, Moraiya, Tal: Sanand Dst. Ahmedabad - 382 210 / Dr. A. Sinha Received on 10.1.2007	To raise serum antibody for use in in-vitro tests.	While approving the proposal, members noted that it was necessary for proper consideration of the proposal that the minutes of the IAEC meetings in which the proposals had been approved should invariably be provided along with the proposal failing which proposals would not be placed for consideration by CPCSEA. It was also necessary that the IAEC should clearly confirm that all necessary clearances including Bio-Safety clearances were either obtained or were not required. A Sub-Committee comprising of Dr. P. Balakrishnamurthy, Member, CPCSEA and Expert Consultant, CPCSEA would also examine the format prescribed for submission of proposal to CPCSEA and suggest modifications, if any, required therein.

2.	M/s. Cadila Health Care Ltd. Zydus Tower, Satellite Road, Ahmedabad-380 015. /Mr. V. D. Pawar, M. Pharm. Received on 22.2.2007	To evaluate the effect of NCEs on cardiovascular system in the telemetered dogs.	The proposal was not approved by CPCSEA as the code numbers of the NCE's had not been indicated and the frequency of bleeding of the animals had not been specified. Further it was not clear why only male dogs were being used in a schedule Y procedure and how long the animals were required to lie in a recumbent position.
3.	International Institute of Biotechnology and Toxicology (IIBAT), Padappai – 601 301, Kancheepuram District, Tamil Nadu / Dr. R. K. Shakthi Devan. Received on 19.9.2006	Subacute toxicity study of Azoxystrobin technical oral administration for 90 days in dogs. Species: Canis familiaris (Breed – Rajapalayam)	Approved.
4.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala /Dr. P.R. Umashankar Received on 6.3.2007	Biofunctional evaluation of SS316L and L605CoCr coronary stents in porcine coronary artery over-stretch injury model. Species: Pigs (Desi Cross Bred)	Approved.
5.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala /Dr. V. Kalliyana Krishnan Received on 6.3.2007	Pulp and Dentine Test for Indigenously Developed Dual Cure Flowable Resin Cement.	Approved.

6.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. P.R. Umashankar Received on 6.3.2007	Biofunctional evaluation of electrophysiology catheter in porcine heart model. Species: Pigs (Desi Cross Bred)	Approved.
7.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. P.R. Umashankar Received on 6.3.2007	Preclinical evaluation of heart valve substitute in pig model. Species: Pig	Approved.
8.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. P.R. Umashankar Received on 6.3.2007	Preclinical evaluation of heart valve substitute in sheep model. Species: Sheep	Approved.
9.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. P.R. Umashankar Received on 13.3.2007	Animal evaluation of Biosync drug eluting coronary stents in porcine coronary artery model. Species: Pigs	Approved.

10.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. P.R. Umashankar Received on 13.3.2007	Animal evaluation of 'Vascular Concepts' drug eluting coronary stents in porcine coronary artery model. Species: Pigs	Approved.
11.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. P.R. Umashankar Received on 13.3.2007	Study on alloantigenicity of fetal Mesenchymal Stem cells (Fmsc) in porcine model of cardiac ischemia. Species: Pigs	Approved.
12.	Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapuram-695 012, Kerala / Dr. D.S. Nagesh Received on 13.3.2007	Ex-vivo evaluation of Centrifugal blood pump. Species: Sheep	CPCSEA approved the proposal, but the number of sheep to be used for evaluation of the pump was reduced to five.
13.	Ranbaxy Laboratories Limited R & D-II, Sarhaul, Sector-18, Gurgoan-122 001/ Dr. N. Parthiban Received on 6.3.2007	Import of Beagle dogs. Species: Beagle dogs.	Approved.

14.	Ranbaxy Laboratories Limited R & D-II, Sarhaul, Sector-18, Gurgoan-122 001/ Dr. Jyoti K. Paliwal Received on 6.3.2007	Pharmacokinetics of New Chemical Entities (NCEs) in Dog. Species: Dog Number to be used: 18 dogs in 12 months.	Approved.
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AGENDA ITEM NO. 18.5: APPROVAL OF ANIMAL HOUSE FACILITY BY CPCSEA

The Animal House Facilities of the following four institutions were considered by CPCSEA.

(a) International Centre for Cardio Thoracic and Vascular Diseases, (A Unit of Frontier Life Pvt. Ltd.), R-30 C Ambattur Industrial Estate Road, Mogappair, Chennai 600 101, Tamil Nadu.

The Animal House Facility of the institute was approved for the purpose of Experimentation on animals namely; Rat, Mice, Rabbit and Sheep.

(b) Captain Srinivasmurti Drug Research Institute for Ayurveda, Arignar Anna Govt. Hospital Campus, Arumbakkam, Chennai – 600 106 Tamil Nadu.

The Animal House Facility of the institute was approved for the purpose of Experimentation on animals namely Rat, and Mice.

(c) Veterinary College, University Agricultural Science, Hebbal, Bangalore - 560 024, Karnataka.

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 six months:

1. The flooring is not adequate; it should be changed into to tiles or epoxy flooring.
2. Walls in all rooms should be tiled up to lintel level
3. Lighting is inadequate; to be improved in all rooms.
4. All the animal cages are very old and rusted, both rat and rabbit cages should be replaced by polypropylene for rat and mice; stainless steel cages for rabbits. Cage racks also should be changed into stainless steel.
5. Over crowed rat and mice to be changed into different cages.
6. There was no proper labeling in the stock room and experimental room; labeling should be improved.
7. The following records should be maintained separately as per the CPCSEA standard: Daily activity, stock, breeding, procurement, animal health, personal health, feed analysis, water analysis and temperature.
8. Animal house attendants should be sent for training.
9. Aqua guard to be installed for providing clean water.
10. The drains to be covered in few rooms.

11. The window meshes are rusted and need to be changes.
12. The entry and exit of the animal house facility should be separate from the other laboratories.

(d) Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh- 160 012. Punjab.

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 six months.

- (i) Flooring, walls and ceiling in all animal rooms should be revamped.
- (ii) Lighting is inadequate in all rooms and to be improved in Central Animal House and also departmental Animal House Facility.
- (iii) Sufficient bedding material should be provided in all cages.
- (iv) Rusted cages (rat, mice and rabbit) should be replaced by polypropylene for rat and mice; stainless steel cages for rabbits.
- (v) Rusted cage racks also should be changed into stainless steel.
- (vi) Filter water unit should be installed.
- (vii) Health status of animal should be checked twice in a year and proper records maintained.
- (viii) No quarantine facility available in the animal house, it should be expanded in the facility.
- (ix) There was no proper labeling in the stock room and experimental room, labeling should be improved.
- (x) Records available but not in the standard, and the following records should be maintained separately as per the CPCSEA standard: Daily activity, stock, breeding, procurement, animal health, personal health, feed analysis, water analysis and temperature.
- (xi) Animal House Facility in the department of Pharmacology and Microbiology is not up to the mark; should be improved or otherwise should be closed immediately.

AGENDA ITEM NO. 18.6.: FINANCIAL ASSISTANCE FOR CONDUCT OF INTERNATIONAL CONFERENCE ON ALTERNATIVES TO ANIMAL STUDIES AND IN VITRO STUDIES.

The Committee approved the release of financial assistance of Rs.2 lakh for organization of a Conference on Alternatives to Animal Studies and In Vitro Studies. It also approved that CPCSEA would recommend provision of funds for the conference from other sources.

17.8 ANY OTHER ITEM WITH THE PERMISSION OF CHAIR

Nil

Annexure**The following Members were present for the meeting on 20.3.2007**

1. Shri. B.S. Parsheera,
Additional Secretary,
Ministry of Environment & Forests,
Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Delhi – 110 003.
2. Shri. G. Balachandhran
Joint Secretary (Incharge of Animal Welfare),
Ministry of Environment & Forests,
Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Dehii – 110 003.
3. Ms. Somya T. Dave,
Director & Member-Secretary, CPCSEA
Ministry of Environment & Forests
8th Floor, Jeevan Prakash Bldg.,
25, Kasturba Gandhi marg,
New Delhi – 110001.
4. Prof. A. J. Rao,
Department of Biochemistry ,
Indian Institute of Science,
Bangalore – 560012.
5. Dr. P. Balakrishnamurthy,
Director,
International Institute of Biotechnology & toxicology (IIBAT),
12, Harleys Road, Kilpauk,
Chennai – 600 010.
6. Dr. D. Swaroop
Head, Division of Medicine,
IVRI, Izatnagar – 243122
Uttar Pradesh
7. Dr. Kondavalla Venkaiah,
Head & Addl. Director,
Bio-Statistics Department,
National Institute of Nutrition,
Hyderabad-500 007.
8. Dr. K. Nachimuthu,
Director of Research,
Tamilnadu Veterinary and Animal Sciences University (TANUVAS),
No.4, Dhamodara Street, Panchvadi, Chetpet,
Chennai-600 031.

Leave of absence was granted to following:

1. Dr. Vasantha Muthuswamy,
Sr. Dy. Director General &
Chief, Division of BMS, Traditional Medicines & Bioethics,
Indian Council of Medical Research,
Ansari Nagar, New Delhi-110 029.
2. Dr. Shashi Motilal,
Professor (Philosophy),
University of Delhi,
7, Vaishali Apartments, IIT/Delhi, Hauz Khas,
New Delhi-110 016.
3. Dr. T.P.R. Bhardwaj,
Senior Consultant, Haematologist,
Apollo Hospitals, 21, Greams Lane,
Off. Greams Road, Chennai-600 006.
4. Dr. V.K. Vinayak,
(Retd.) Senior Advisor,
Department of Biotechnology,
B-1, E-12, Mohan Co-Operative Industrial
Estate, Mathura Road, New Delhi-110 044.
5. Prof. Anup Kumar Nayak,
Wildlife Institute of India,
Post Bag #18, Chandrabani,
Dehradun – 248 001, Uttaranchal.
