

MINUTES OF THE XXV MEETING OF COMMITTEE FOR THE PURPOSE OF CONTROL AND SUPERVISION OF EXPERIMENTS ON ANIMALS (CPCSEA) WAS HELD ON 21.7.2008 AT 11.00 A.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 those who were granted leave of absence is enclosed.

The Chairman, CPCSEA, welcomed the members of the Committee and thereafter with the permission of Chairman, agenda items were taken up, as follows:

AGENDA ITEM NO.25.1 : TO CONFIRM THE MINUTES OF THE TWENTY FOURTH MEETING OF CPCSEA WAS HELD ON 13TH MAY, 2008.

The Committee confirmed the Minutes of the XXIV Meeting which was held on 13th May, 2008.

AGENDA ITEM NO.25.2 : TO REVIEW THE ACTION TAKEN ON THE MINUTES OF THE XXIV MEETING AND PENDING POINTS OF PREVIOUS MEETINGS OF CPCSEA.

9.2-3.1.2 Review of experiments using animals in case of traditional medicine &

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

The committee discussed the issue and took note that no reply was received from AYUSH. It was decided that a reminder may be sent to AYUSH to furnish the requisite information at the earliest.

13.6 Deposit of the amount collected as registration/renewal fee

The matter was discussed by the Committee and it has been suggested that a reminder may be sent.

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 Committee discussed the suggestions and responses received from various institutes / organizations at length. It has been decided by the Committee that minor invasive procedures required as the part of the experimentation on feeding trials, breeding experiments and live-stock management studies which require blood collection from the experimental animals to further study the clinical parameters may be approved by the IAEC, keeping in view the nature of experimentation, volume of blood to be collected, its frequency and general health conditions of the experimental animals. The other protocols related to the large animals required major invasive techniques must be sent to CPCSEA with recommendations of IAEC.

17.5 Approval of Animal House Facility by CPCSEA

(a) **Central Sheep and Wool Research Institute (CSWRI), Avikanagar, Jaipur & its Southern Regional Research Centre, , Tamil Nadu** - The information/ reply furnished by the Director of the Institute was considered by the Committee and observed that the reply was not satisfactory and irrelevant to the queries/information asked by CPCSEA. The Committee decided that a show cause notice be issued to the institute for withdrawal of its registration with CPCSEA .

(b) **Institute of Veterinary Biology Products, Department of Animal Husbandary, Pune, Maharashtra** - The Committee was apprised of the latest situation and it was decided that final reminder be sent to the institute for submission of compliance report with respect to the suggestions of Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), within 15 days from the receipt of the letter.

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

The Committee approved that the Guidelines (Do's and Don'ts) which may be circulated to the nominees and Heads of the Institutions.

18.5 Approval of Animal House Facility by CPCSEA

(a) **Veterinary College, University of Agricultural Sciences, Hebbal, Bangalore** - The Committee considered the request made by the Dean, Veterinary College, Hebbal regarding inspection of Animal House Facilities of the college in the last week of August, 2008. The Committee was of the view that inspection of the Animal House Facility be done after ascertaining from the Dean Veterinary College, regarding completion of the work at Animal House Facilities of the College after 3rd week of August, 2008.

(b) **Post Graduate Institute of Medical Education And Research (PGIMER), Chandigarh** -The Committee considered the request of PGIMER regarding inspection of Animal House Facilities of the Institute after 3rd week of August, 2008. The Committee was of the view that inspection of the Animal House Facility be done after ascertaining details regarding completion of the work at Animal House Facilities of the Institute after 3rd week of August, 2008.

19.3. Registration of Institutes with CPCSEA

The Committee discussed the issue regarding publication of advertisement in two National News Papers and advised that further formalities be completed at the earliest .

19.6 Approval of Animal House Facility By CPCSEA

Bharat Serum & Vaccines Limited, Thane, Maharashtra – The Committee considered the request made by the Institute regarding inspection of their Animal House Facilities in the 3rd week of August, 2008. The inspection of the Animal House Facility be done after completion of the work at Animal House Facilities.

22.5 : Rehabilitation of monkey from Central Animal Facility, AIIMS to Asola Bhatti Wild Life through a trauma-free exercise – regarding permission of CPCSEA. - The Committee discussed the inspection report of the monkey shelter at Sanjay Gandhi Animal Care Center, Raja Garden, New Delhi and was of the view that the recommendations of the Inspection team may be conveyed to the In-charge, Sanjay Gandhi Animal Care Center for implementations within one month. The re-inspection be done on receipt of the compliance report.

22.8 : State wise list of the applicants alongwith their details to become CPCSEA Nominees - for consideration and approval of CPCSEA

The Committee considered the list of new nominees and was of the view that for further selection of the nominees from various location of the States, the following criteria may be adopted:-

- (i) The nominees should represent the wider and different locations within a State so that their services may be utilized effectively and efficiently.
- (ii) In case of non-availability of suitable nominees at different location / areas within a State, a flexible and pragmatic approach for the selection of the CPCSEA nominees may be adopted by granting the relaxation in the experience clause.
- (iii) The Chairman of the Committee was of the opinion that members of the Committee may invite the applications from the suitable and interested persons based at various locations from where the sufficient nomination is not available at present. In this connection, Dr. D. Swaroop, Dr. A.J. Rao, Dr. Kodavala Venkaiah and Expert Consultants of CPCSEA have been assigned the task to invite the applications from the suitable persons as per existing guidelines of CPCSEA. On receipt of the applications, the whole information will be passed on to Dr. Kodavala Venkaiah for preparation of a list/data base of the applicants. In this connection, a meeting may be convened in the 3rd week of August, 2008 for finalization of the list of nominees.

23.6 Approval of Animal House Facility by CPCSEA

Dr. A.L.M. Post Graduate Institute of Basic Medical Science, Taramani Campus, University of Madras, Chennai, Tamil Nadu- The compliance report submitted by the Institute was considered by the Committee and approved re-inspection of the Large Animal House Facilities.

22.6 Approval of Animal House Facility by CPCSEA

Raj Biotech Private Limited, Dist. Satara, Maharashtra - The compliance report submitted by the establishment was considered by the Committee and desired that CPCSEA

nominee should submit the status report regarding implementation of the suggestions by the establishment, after inspection of the Animal House Facility.

AGENDA ITEM NO. 25.3: REGISTRATION OF INSTIUTE WITH CPCSEA.

The Committee noted that 1239 institutions have been registered with CPCSEA.

AGENDA ITEM NO.23.4.2: CONSIDERATION OF DEFERRED PROPOSALS from XXIII meeting of CPCSEA:

The following proposals were considered by the CPCSEA in its XXIV meeting.

| S. No | Name of the institute & Name of the Investigator | Project Title | Decision of XXIV CPCSEA Meeting | Action taken by CPCSEA |
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| 1. | M/s. Sun Pharma Advanced Research Company Ltd (SPARC), Tandalji Baroda – 390 020 (Gujarat)./ Dr. M.R. Marathe Received on 6.12.2007 | 14 days DRF and 1 month repeated dose toxicity study in Beagle dogs (Project code : 10711131) Species: Beagle Dogs Male 4-6 months, 26 nos. Female 4-6 months, 26 nos. | Approved | The Approval of the research proposal was conveyed to the Director, Sun Pharma Advanced Research Company Ltd, Vadodara on 26.6.2008. |
| 2. | M/s. Sun Pharma Advanced Research Company Ltd (SPARC), Tandalji Baroda – 390 020 (Gujarat)./ Dr. M.R. Marathe Sanjay Mandhane Received on 6.12.2007 | Effect of NCEs on arterial blood pressure, heart rate and electrocardiogram pharmacokinetic profile in conscious beagle dogs monitored by telemetry Species: Beagle Dog Gender : Either No. to be used : (Year-wise breakups and total figures needed to be given) Yearly requirement Year 1 Dogs : 20 Year 2 Dogs : 20 | The Committee discussed the proposal in depth and Approved only 20 dogs for experimentation, which may also be used in the 2 nd Year. It further suggested study code number / product code number to the NCEs may be allocated and a copy of the revised proposal may be resubmitted. | The remarks of the Committee were conveyed to the Director, Sun Pharma Advanced Research Company Ltd, Vadodara on 26.6.2008 with the request that revised proposal may be submitted after inclusion of suggestions made by the Committee. |

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| 3. | M/s. Sun Pharma Advanced Research Company Ltd (SPARC), Tandalji Baroda – 390 020 (Gujarat)./ Dr. M.R. Marathe Dr. Vinod Burade Received on 6.12.2007 | Screening of New Topical Patch Formulations in dog Species: Beagle Dog Gender : Male/Female No. to be used : (Year-wise breakups and total figures needed to be given) <u>Animal/Year</u> 2007 2008 2009 (BeagleDog) M-10 M-10 M-10 F-10 F-10 F-10 | The Committee discussed the proposal in depth and Approved only 20 dogs for experimentation in 1 st year, and the same may be used in subsequent year also It further suggested study code number / product code number to the NCEs may be allocated and a copy of the revised proposal may be resubmitted. | The remarks of the Committee were conveyed to the Director, Sun Pharma Advanced Research Company Ltd, Vadodara on 26.6.2008. |
| 4. | Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapura m-695 012, Kerala /Dr. C.C. Kartha Received on 28.12.2007 | Adult human cardiac stem cells and endothelial progenitor cells: detection of optimum conditions for their therapeutic use Species/common name: Swine Gender : Either sex No. to be used : (Year-wise breakups and total figures needed to be given) : 10 | Approved | The Approval of the research proposal was conveyed to the Director, Sree Chitra Tirunal Institute for Medical Science and Technology, Thiruvananthapura on 26.6.2008. |
| 5. | Sree Chitra Tirunal Institute for Medical Science and Technology, Biomedical Technology Wing (BMT Wing), Poojapura, Thiruvananthapura m-695 012, Kerala /Dr. P.R. Umashankar Received on 28.12.2007 | Preliminary evaluation of AYUTEC non-invasive cardiac monitor Species/common name: Swine (domestic cross bred) Gender : Either sex No. to be used : 10 | Approved | The Approval of the research proposal was conveyed to the Director, Sree Chitra Tirunal Institute for Medical Science and Technology, Thiruvananthapura on 26.6.2008. |

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| 6. | 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 28.12.2007 | In vivo evaluation of Left Ventricular Assist Device (LVAD) in Pig model. Species/common name: Swine (Pig) Gender : Either sex No. to be used : 10 | Approved | The Approval of the research proposal was conveyed to the Director, Sree Chitra Tirunal Institute for Medical Science and Technology, Thiruvananthapuram on 26.6.2008. |
| 7. | Cadila Health Care Ltd. Zyodus Tower, Satellite Road, Ahmedabad-380 015/Dr. Mukul R. Jain Received on 31.12.2007 | Four-week repeated dose subcutaneous toxicity & toxicokinetic study of ZYD1 in beagle dogs with 2 week recovery. Species : Beagle dogs Gender : Male and Female No. to be used : 38 | Approved | The Approval of the research proposal was conveyed to the Director, Cadila Health Care Ltd. Ahmedabad-380 015 on 26.6.2008. |
| 8. | Cadila Health Care Ltd. Zyodus Tower, Satellite Road, Ahmedabad-380 015/Mr. V.D. Pawar, Received on 31.12.2007 | To evaluate the effect of ZYT1 on cardiovascular system in telemetered dogs. Species : Beagle dogs Gender : Male and Female No. to be used : 8 | Approved | The Approval of the research proposal was conveyed to the Director, Cadila Health Care Ltd. Ahmedabad-380 015 on 26.6.2008. |
| 9. | Cadila Health Care Ltd. Zyodus Tower, Satellite Road, Ahmedabad-380 015/Dr. Rajesh Sundar Received on 31.12.2007 | Four week repeated dose oral toxicity & toxicokinetic study of ZYA1 in beagle dogs with 2 week recovery. Species : Beagle dogs Gender : Male and Female No. to be used : 38 | Approved | The Approval of the research proposal was conveyed to the Director, Cadila Health Care Ltd. Ahmedabad-380 015 on 26.6.2008. |

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| 10. | Cadila Health Care Ltd. Zydus Tower, Satellite Road, Ahmedabad-380 015/Dr. Rajesh Sundar Received on 31.12.2007 | Four-week repeated dose oral toxicity & toxicokinetic study of ZYT1 in beagle dogs with 2 week recovery Species : Beagle dogs Gender : Male and Female No. to be used : 38 | Approved | The Approval of the research proposal was conveyed to the Director, Cadila Health Care Ltd. Ahmedabad-380 015 on 26.6.2008. |
| 11. | Madras Veterinary College, Tami Nadu Veterinary and Animal Sciences University (TANUVAS), Vepery, Chennai-600 007. / Dr. R.B. Chaudhary, Assistant Secretary, AWBI Received on 20.11.2007 | Studies on the Effect of Oxytocin Administration on the Cow's Performance with Special Reference to Welfare measures Species : Cows Gender : Female No. to be used : 24 (6x4) Study Objectives : 1. To study the background of administration of oxytocin from "Land to Lab" concept. 2. To study the effect of oxytocin injection in milch cows in the field. 3. To determine the symptoms and abnormal behavior of oxytocin used animals. 4. To study the status of animal welfare measures taken by NGO's/ Government agencies towards safety of milch animals and food chain. | The Committee discussed the proposal and Not Approve, as the proposal is not approved by the IAEC of the College. | The intimation regarding non-approval of the research proposal was conveyed to the Director, Madras Veterinary College, Tami Nadu and Dr. R.B. Chaudhary, Assistant Secretary, AWBI on 26.6.2008. |

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| 12. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. S.M. Sulaiman</p> <p>Received on 14.2.2008</p> | <p>Evaluation of Feed safety in goats</p> <p>Project Code: SCG-1-08</p> <p>Species/Common name : Goats Age : 12-14 months Gender : Male and Female Number to be used : As per the regulatory/guideline requirements (OECD and DBT, Govt. of India). The number of animals required for each study is 60 (30 M +30 F)</p> | <p>The Committee discussed the proposal and of the opinion that clarifications may be furnished in view of the Guidelines/Norms of the RCGM of DBT for conducting the proposed studies in goats.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008 for furnishing the clarifications in the matter.</p> |
| 13 | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-1-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |

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| <p>14</p> | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-2-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |
| <p>15</p> | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-3-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |

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| <p>16</p> | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-4-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |
| <p>17</p> | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-5-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |

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| <p>18</p> | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-6/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |
| <p>19</p> | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-7/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration .</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |

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| 20 | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item – for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-8/08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration .</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |
| 21 | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. M. Prem Kumar</p> <p>Received on 10.3.2008</p> | <p>Safety/General Pharmacology studies of test item in Beagle dog following oral/parenteral dose administration.</p> <p>Project Code: ATL/SP-D/GP: 1-10/2008</p> <p>Species/Common name : Beagle Dog Gender : Either Sex Total Number of animals : 48 of either sex</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |
| 22 | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. M. Prem Kumar</p> <p>Received on 10.3.2008</p> | <p>Radio telemetry studies of test item in Beagle dog following oral/parenteral dose administration.</p> <p>Project Code: ATL/SP-D/CV-RT:1-10/2008</p> <p>Species/Common name : Beagle Dog Gender : Either Sex Total Number of animals : 48 of either sex</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The remarks of the Committee were conveyed to the Director, Advinus Therapeutics Pvt. Limited, Bangalore on 26.6.2008.</p> |

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| 23 | National Institute of Nutrition Food and Drug Toxicology Research Centre, ICMR, Jamai Osmania, Hyderabad-500 007/ Dr. Arjun L. Khandare Received on 10.3.2008 | Production of neurolythyris in goats Project Code: ATL/SP-D/CV-RT:1-10/2008 Species : Osmanabadi goats Gender : (12 male + 12 Female) Number to be used : 24 | Approved | The Approval of the research proposal was conveyed to the Director, National Institute of Nutrition, Hyderabad on 26.6.2008. |
| 24 | TANUVAS, Madras Veterinary College, Department Animal Nutrition, Madras Veterinary College, Vepery, Chennai – 600 007/Dr. Yancy Mary Issac., Received on 10.3.2008 | “Evolving customized Non-Starch Polysaccharidase mixture for effective utilization of sorghum stover and groundnut haulm in sheep ration” Species : Sheep Gender : Male/Female Number to be used : 24 | The Committee discussed the proposal and Not Approve, as the approval of IAEC of the College is not mentioned / enclosed. | The remarks of the Committee were conveyed to the Dean, Madras Veterinary College, Vepery, Chennai on 26.6.2008. |

The Committee noted the status of the above proposals.

AGENDA ITEM NO.25.4 : CONSIDERATION OF PROPOSALS RELATING TO THE ANIMAL EXPERIMENTATION.

AGENDA ITEM NO.25.4.1: NEW PROPOSALS FOR CONSIDERATION OF CPCSEA:

| S. No | Name of the institute/Name of the Investigator | Project Title | Decision of XXV CPCSEA meeting |
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| 1. | Jai Research Foundation (JRF) Valvada-396 108 Dist. Valsad, Gujarat/ Dr. V.M. Zala Received on 15.5.2008 | 28 day Sub-acute Toxicity Study NRC-1008 in Dogs. Species/common name: Beagle Dog (Canis familiaris) Range finding study : 8 M & 8 F Main study : 12 M & 12 F Total : 20 M + 20 F | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 26.4.2008, having designation and addresses of the members may be sent. |
| 2. | Jai Research Foundation (JRF) Valvada-396 108 Dist. Valsad, Gujarat/ Dr. V.M. Zala Received on 15.5.2008 | 28 day Sub-acute Toxicity Study NRC-2694 in Dogs. Species/common name: Beagle Dog (Canis familiaris) Range finding study : 8 M & 8 F Main study : 12 M & 12 F Total : 20 M + 20 F | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 26.4.2008, having designation and addresses of the members may be sent. |

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| 3. | Jai Research Foundation (JRF) Valvada-396 108 Dist. Valsad, Gujarat/ Dr. Virendrasinh M. Zala Received on 15.5.2008 | 18 day repeat dose PK Study in Beagle Dogs . Species /Common name : Beagle dogs No. to be used : Range finding : 8 M + 8 F=16 Main Study : 12 M + 12 F =24 Recovery groups : 4 M + 4 F Total : 20 M + 20 F | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 26.4.2008, having designation and addresses of the members may be sent. |
| 4. | Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Biomedical Technology Wing (BMT), Poojappura, Trivandrum 695012, India Dr. P. R. Umashankar Received on 23.6.2008 | Studies on immunogenicity of decellularised tissue and its effect on in- vivo tissue regeneration . Species /Common name : (Desi Cross bred pig) No. to be used (Year-wise breakups and total figures needed to be given) 20 | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 10.4.2008, having designation, addresses and signatures of the IAEC members may be sent. |
| 5. | Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Biomedical Technology Wing (BMT), Poojappura, Trivandrum 695012, India Mr. Muraleedharan, Scientist Received on 23.6.2008 | Development of cobalt alloy based drug loaded coronary stents . Species /Common name : Swine (Desi Cross bred pig) No. to be used (Year-wise breakups and total figures needed to be given) 60 | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 10.4.2008, having designation, addresses and signatures of the IAEC members may be sent. |

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| 6. | Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Biomedical Technology Wing (BMT), Poojappura, Trivandrum 695012, India Dr. Lissy K. Krishnan Received on 23.6.2008 | Tissue Engineered Small Diameter Vascular Graft (TEVG): Fabrication & Evaluation. Species : Sheep No. to be used (Year-wise breakups and total figures needed to be given) Period of experimentation : 2 weeks to 2 years Total number of animals : 36 (6 for each period) (Pg. No.174-184) | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 10.4.2008, having designation, addresses and signatures of the IAEC members may be sent. . |
| 7. | Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Biomedical Technology Wing (BMT), Poojappura, Trivandrum 695012, India Dr. P. R. Umashankar Received on 23.6.2008 | Biofunctional evaluation of MERIL drug eluting coronary stents in porcine coronary artery model. Species : Swine (Desi cross bred pig) No. to be used (Year-wise breakups and total figures needed to be given) 60 (Pg. No.185-196) | Approved subject to the condition that the proposal has been approved by the Institutional Animal Ethics Committee (IAEC) which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended. A copy of the minutes of the meeting of IAEC which was held on 10.4.2008, having designation, addresses and signatures of the IAEC members may be sent. |
| 8. | Intervet India Pvt. Ltd. (IIPL) Wagholi, Pune Dr. S. Kilari Received on 21.5.2008 | Study of the duration of immunity for bacterial oil adjuvant vaccines – Heamorrhagic septicemia (HS), Black Quarter (BQ), Haemorhagic septicemia-Black Quarter combined (HS-BQ) and Enterotoxaemia (ET) Vaccines in cattle and sheep respectively (Experiment No-IIPL-RD/BV-HS/08-12). Species : Cross-breed and non descript cattle calves No. to be used : 50 calves including 5 controls and 15 sheep for 15 months Gender : M/F | The Committee discussed the proposal in depth and Approved the same and allows 5 animals as experimental and control in each experiment of HS, BQ and HS-BQ. A copy of the notice issued to the CPCSEA nominee for attending the IAEC meeting alongwith information pertaining to the pending proposals related to the large animals with CPCSEA as stated in the IAEC minutes at Sr. No.2 may be sent for further consideration. |

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| 9. | Intervet India Pvt. Ltd. (IIPL) Wagholi, Pune Dr. S. Kilari Received on 21.5.2008 | Investigation of suitable Rabies vaccination schedule of Nobivac-R for Post-Exposure Prophylaxis (PEP) in cattle by evaluating onset of immune response. Species : Cattle Gender : Male Calves No. to be used : 22 | Approved. |
| 10. | Intervet India Pvt. Ltd. (IIPL) Wagholi, Pune Dr. S. Kilari Received on 21.5.2008 | Recombinant RABIES G adenovector VACCINE – studies on efficacy of vaccine strain in dogs under Indian conditions. Species : Dogs Gender : Male / Female Pups No. to be used : 15 | Approved. |
| 11. | Intervet India Pvt. Ltd. (IIPL) Wagholi, Pune Dr. S. Kilari Received on 21.5.2008 | Studies to evaluate DCA, new generation adjuvant with FMDV antigen by intranasal immunization and challenge studies in cattle calves (male) Species : Cattle Gender : Male Calves No. to be used : 17 for each experiment (x3) | Approved. |
| 12. | Intervet India Pvt. Ltd. (IIPL) Wagholi, Pune Dr. S. Kilari Received on 21.5.2008 | Peste des petits ruminants (PPR) Vaccine-Safety and Efficacy Studies of PPR vaccine in Sheep and goats Species : Sheep and goats No. to be used : 45 in each species (sheep and goats) | Approved. |

Note : The proposals of Intervet India Pvt. Ltd. (8-12) have been approved by the Committee subject to the conditions that the proposals have been approved by the Institutional Animal Ethics Committee (IAEC) of the institute which has been constituted according to the provisions of the Rule, 13 of the Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998, as amended.

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| 13. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. Ram Kumar and Dr. R.V.S. Pawaiya Received on May, 2008 | Experimental Oncology work in laboratory animals with regard to projects entitled “Organization and development of Registry of Veterinary Pathology & Oncology” and “Studies on molecular carcinogenesis and diagnostics of canine mammary cancers” Species : Rodents & canines (Rats dogs) No. to be used : (Year-wise breakups and total figures needed to be given): Large Animals Dogs of any breed 20 approximately Small animals Rats of any strain 80 approximately | Approved. |
| 14. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. A.K. Garg Received on May, 2008 | Effect of dietary cadmium and arsenic on health and productivity of the animals Species : Goat/Sheep (only one species i.e. either goat or sheep will be taken at a time depending upon the availability of the animals) No. to be used : 2008 2009 2010 40 40 40 | Approved. |
| 15. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. J.R. Rao Received on May, 2008 | Niche project on Excellence on Veterinary Biologicals-Toxoplasma gondii Species /Common name : Cattle calves, sheep, goat, rabbits, mice and rats Cattle calves : 6 months old Sheep, goat : 4 months old Rabbits : 3-6 month old Mice and rats : 6-8 weeks old | Approved. |

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| 16. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. A.K. Tewari Received on May, 2008 | Identification and evaluation of <i>Trypanosoma evansi</i> specific molecules relevant to sensitive detection and prophylaxis Species : Cow calves, rabbits, mice and rats | Approved. |
| 17. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. K.D. Pandey Received on May, 2008 | Standardization of Aluminium hydroxide Gel Vaccine against Hemorrhagic Septicemia by K.D. Pandey & Assoc. Species : Mice, Rabbit Buffalo Calves No. to be used : 500 Mice, 60 Rabbit, 24 Buffalo calves | Approved. |
| 18. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. Narayan Dutta Received on May, 2008 | Strategic use of tanniferous tree leaves to improve health and productivity of ruminants Species : Goat, sheep and cattle No. to be used : Kids – 18, Lambs-18, Crossbred steers –2 | Approved. |
| 19. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. Kusumakar Sharma Received on May, 2008 | Improving livelihood of small holder farmers from animal production through better use and quality assurance of farm resources in mixed farming systems Species : Sheep and cattle No. to be used : Kids – 18, Lactating cattle – 18, Lambs-12 | Approved. |

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| 20. | Indian Veterinary Research Institute, Izatnagar, U.P./ Mr. L.C. Chaudhary Received on May, 2008 | Effect of tannin containing feeds on rumen microbial ecosystem and its manipulation for improving their utilization Species : Goat No. to be used : (Year-wise break-ups and total figures needed to be given) 1 st year -4 2 nd year- 3 rd year-24 3 rd year - 24 | Approved. |
| 21. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. A.K. Pattanaik Received on May, 2008 | Effect of Phytochemicals on livestock health, production and emission of green house gases Species : Sheep /Goat and cattle No. to be used : Crossbred cattle; 02, during 6-9 th months of study Lambs/kids - 40, during 2 nd year Dairy cattle/buffaloes - 30, during 3 rd year | Approved. |
| 22. | Indian Veterinary Research Institute, Izatnagar, U.P./ Dr. Kusumakar Sharma Received on May, 2008 | Detoxification and Utilization of Key Agro-Forest Based Nonconventional Oil Cakes in the Feeding of Livestock Species : Sheep/goat and cattle/buffalo No. to be used : Lambs-42; lactating cattle/buffaloes-18, Crossbred cattle-2 | Approved. |

By a special mention, Dr. A.J. Rao member of the Committee has placed the copies of the clarifications submitted by Advinus Therapeutics Pvt. Limited, Bangalore in pursuance to the observations, made by the Committee in its XXIV CPCSEA meeting. The Committee considered the request and decided as under :-

| S.No. | Name of the Institute & Name of the Investigator | Project Title | Decision of XXIV CPCSEA meeting | Decision of the XXV CPCSEA meeting |
|-------|---|--|---|---|
| 1. | Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore - 560 058 Karnataka/Dr. P.K. Venugopala Rao Received on 10.3.2008 | Evaluation of test item –for Subchronic toxicity in Beagle dogs Project Code: SCD-1/-08 Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F | The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration. | The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved. |
| 2. | Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao Received on 10.3.2008 | Evaluation of test item –for Subchronic toxicity in Beagle dogs Project Code: SCD-2/-08 Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F | The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration. | The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved. |

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| 3. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item –for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-3/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved.</p> |
| 4. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item –for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-4/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved.</p> |

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| 5. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item –for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-5/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved.</p> |
| 6. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item –for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-6/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration.</p> | <p>The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved.</p> |

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| 7. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item –for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-7/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration .</p> | <p>The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved.</p> |
| 8. | <p>Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. P.K. Venugopala Rao</p> <p>Received on 10.3.2008</p> | <p>Evaluation of test item –for Subchronic toxicity in Beagle dogs</p> <p>Project Code: SCD-8/-08</p> <p>Species/Common name : Beagle Dog Gender : Male and Female in equal numbers Number to be used : The number of animals required for each study is Preliminary Study: 5-7 M+5-7 F Main Study : 24 M + 24F</p> | <p>The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration .</p> | <p>The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved.</p> |

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| 9. | Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. M. Prem Kumar Received on 10.3.2008 | Safety/General Pharmacology studies of test item in Beagle dog following oral/parenteral dose administration. Project Code: ATL/SP-D/GP: 1-10/2008 Species/Common name : Beagle Dog Gender : Either Sex Total Number of animals : 48 of either sex | The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration. | The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved. |
| 10. | Advinus Therapeutics Pvt. Limited. Plot Nos. 21 & 22, Phase II Peenya Industrial Area Bangalore-560 058 Karnataka/Dr. M. Prem Kumar Received on 10.3.2008 | Radio telemetry studies of test item in Beagle dog following oral/parenteral dose administration. Project Code: ATL/SP-D/CV-RT:1-10/2008 Species/Common name : Beagle Dog Gender : Either Sex Total Number of animals : 48 of either sex | The Committee discussed the proposal in depth and was of the opinion that large number of animals had been asked against the normal requirements, therefore the committee suggested that a explanation for this may be furnished for further consideration. | The Committee desired that comments of Prof. A.J. Rao and CPCSEA nominees be obtained on the comments and if the clarifications are accepted the proposals be approved. |

AGENDA ITEM NO. 25.5: APPROVAL OF ANIMAL HOUSE FACILITY BY CPCSEA-

The inspection reports in respect of the Animal House Facilities of the following institutions have been discussed and decision of the Committee are as under:

(a) Haryana Veterinary Vaccine Institute, Hissar, Haryana.

The Committee considered the inspection report and was of the opinion that re-inspection be done for ensuring whether the suggestions have been implemented or not by the institute before the approval of Animal House Facility of the Institute, by the Committee.

(b) Lupin Research Park, Nande Village, Mulsi Taluka, Pune.

The Committee considered the inspection report and approved the Animal House Facility (**Dogs**) for **Breeding and conducting Research Experiments.**

AGENDA ITEM NO. 25.6: ANY OTHER ITEM WITH PERMISSION OF CHAIRMAN

The meeting ended with the thanks to the Chair.

The following Members were present for the meeting on 21.07.2008

1. Shri. B.S. Parsheera, Chairman
Additional Secretary,
Ministry of Environment & Forests,
Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Delhi - 110 003.
2. Shri. Anjani Kumar, Member-Secretary
Deputy Secretary (AW)
Ministry of Environment & Forests
8th Floor, Jeevan Prakash Bldg.,
25, Kasturba Gandhi marg,
New Delhi – 110001.
3. Prof. A. J. Rao (Retd),
Department of Biochemistry,
Indian Institute of Science,
Bangalore – 560012.
4. Dr. D. Swaroop
Head, Division of Medicine,
IVRI, Izatnagar – 243122
Uttar Pradesh
5. Dr. Kondavalla Venkaiah,
Head & Addl. Director,
Bio-Statistics Department,
National Institute of Nutrition,
Hyderabad-500 007.
6. 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. Sh. Hem Pande, Vice Chairman
Joint Secretary, (Animal Welfare),
Ministry of Environment & Forests,
Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Delhi - 110 003.

2. Dr. P. Balakrishnamurthy,
Director,
International Institute of Biotechnology & toxicology (IIBAT),
12, Harleys Road, Kilpauk,
Chennai - 600 010.
3. Dr. Shashi Motilal,
Professor (Philosophy),
University of Delhi,
7, Vaishali Apartments, IIT/Delhi, Hauz Khas,
New Delhi-110 016.
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. 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.
6. Dr. T.P.R. Bhardwaj,
Senior Consultant, Haematologist,
Apollo Hospitals, 21, Greams Lane,
Off. Greams Road, Chennai-600 006.
7. Prof. Anup Kumar Nayak,
Wildlife Institute of India,
Post Bag #18, Chandrabani,
Dehradun – 248 001, Uttaranchal.

File No.25/15/2008-AWD
Ministry of Environment & Forests
Animal Welfare Division
(CPCSEA)

8th Floor, Jeevan Prakash Building,
25, Kasturba Gandhi Marg, New Delhi – 110 001
Dated the 7th August, 2008

To

All CPCSEA Members,
(As per List)

Subject: Minutes of the XXV meeting of Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) was held on 21.7.008 - regarding.

Sir/Madam,

Please find enclosed herewith a copy of the approved Minutes of XXV meeting of CPCSEA was held on 21.7.2008 under the Chairmanship of Shri B.S. Parsheera, Additional Secretary, Ministry of Environment & Forests and Chairman, CPCSEA for information please.

Yours faithfully,

(Anjani Kumar)
Director (AW) & Member-Secretary, CPCSEA
Telefax : 23318553

Copy to :

1. PPS to AS (Cons), Ministry of Environment & Forests.
2. PS to JS (AW), Ministry of Environment & Forests.
3. Technical Director, NIC, Paryavaran Bhavan, New Delhi (alongwith a soft copy) with request to put these minutes on the web-site of this Ministry.

