

**F.No. 25/9/2006-AWD**  
**Ministry of Environment & Forests**  
**Animal Welfare Division**  
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**Minutes of the meeting of the 24<sup>th</sup> Sub-Committee on Large Animals (SCLA) held on 19.6.2006 at Ministry of Environment & Forests, Animal Welfare Division.**

**Agenda Item No. 24.1**

**Confirmation of the minutes of the 23<sup>rd</sup> SCLA meeting held on 19.6.2006 : Confirmed.**

**Agenda Item No. 24.2:**

<b>AGENDA ITEM NO.</b>	<b>Name of the Institute</b>	<b>Proposal No.</b>	<b>AGENDA</b>	<b>Remarks</b>
<b>24.2</b>	<b>-</b>	<b>1-5</b>	<b>Technical details of the project and for other reasons. The latest position/action taken report of the project proposals are at Annexure-II.</b>	
<b>II-A</b>	College of Veterinary Sciences Haryana Agriculture University, Hissar. /Dr. Pawan Kumar	<b>1</b>	Effect of Spirouolactone on Histomorphology, Histochemistry, Histoenzymology, Scanning and Transmission Electron-Microscopy of the Subcommissural Organ of the Goats (capra hircus).  <b>Ref.: Minutes of meeting 6.1.2006)</b>	Approved.
<b>II-B</b>	National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel, Mumbai-400 012./Dr. Deepa Bhartiya	<b>2</b>	To derive embryonic stem cell lines in Bonnet monkeys.  <b>Ref.: Minutes of meeting 6.1.2006</b>	Approved.
<b>II-C</b>	National Institute for Research in Reproductive Health Jehangir Merwanji Street, Parel, Mumbai-400 012./Mr. Nafisa Balasinor	<b>3</b>	Role of estrogens on male germ cell maturation in nonhuman primates. <b>Ref.: Minutes of meeting 6.1.2006</b>	Approved.

<b>II-D</b>	Ranbaxy Laboratories Limited R&D-II, Sarhaul, Sector-18, Gurgaon-122001. Dr. Jyoti K. Paliwal	<b>4</b>	Pharmacokinetics of New Chemical Entities (NCEs) in Dog.  <b>(Ref.: Minutes of meeting 27.3..2006)</b>	The Committee observed that details of NCEs had not been sought and only code numbers were required to be provided. In absence of the code nos of NCEs no blanket approval could be given at this stage.
<b>II-E</b>	Advinus Therapeutics Private Limited. 21&22, Phase-II, Peenya Industrial Area Bangalore-560 058. / Dr. Vikram K. Ramanathan  Received on 10.2.06	<b>5</b>	Pharmacokinetics of test Compounds in dog.  <b>(Ref.: Minutes of meeting 27.3.2006)</b>	Approved.
<b>NEW PROPOSALS</b>				
<b>AGENDA ITEM NO.</b>	<b>Name of the Institute</b>	<b>Proposal No.</b>	<b>AGENDA</b>	<b>Remarks</b>
<b>24.3</b>	<b>Name of the Institute</b>	<b>1-46</b>	<b>Consideration of new proposals. The details of the project proposals are at Annexure-III.</b>	
<b>III-A</b>	Indian Veterinary Research Institute Mukteswar, Nanital, Uttaranchal - 263138. / Dr. T.J. Rasool Received on 16.3.2006	<b>1</b>	Cytokine therapy in Ovines and Caprines : Production of recombinant Cytokine and its evaluation in production and protection.	The Committee observed that information regarding recombinant DNA should be provided.
<b>III-B</b>	Indian Veterinary Research Institute Mukteswar, Nanital, Uttaranchal - 263138. / Dr. R.K. Singh Received on 16.3.2006	<b>2</b>	Testing of recombinant RP Virus H antigen expressed in Bombyx mori silk worm larvae for its and antigenicity and immunogenicity in Cattle.	The Committee observed that information regarding recombinant DNA should be provided.
<b>III-C</b>	Indian Veterinary Research Institute Mukteswar, Nanital, Uttaranchal - 263138. / Dr. R.K. Singh Received on 16.3.2006	<b>3</b>	Molecular characterization of Buffalopox virus Genome: Development of PCR based diagnostic and conventional prophylactics for Buffalo pox.	Approved for 38 animals (as indicated in the table included in the proposal).
<b>III-D</b>	Indian Veterinary Research Institute Mukteswar, Nanital, Uttaranchal - 263138. / Dr. R.K. Singh Received on 16.3.2006	<b>4</b>	To study subclinical infection/carrier status of Peste des petits ruminants (PPR) virus in cattle.	Approved.

<b>III-E</b>	Indian Veterinary Research Institute Mukteswar, Nanital, Uttaranchal - 263138. / Dr. R.K. Singh  Received on 16.3.2006	<b>5</b>	Testing of recombinant PPR virus F antigen expressed in Bombyx mori silk worm larvae for its antigenicity and immunogenicity in goats.	Approved for one year for 15 goats. Separate approval would be required for 2 <sup>nd</sup> year.
<b>III-F</b>	Indian Veterinary Research Institute Mukteswar, Nanital, Uttaranchal - 263138. / Dr. Hira Ram Received on 16.3.2006	<b>6</b>	“AICRP on GI Parasitism”	The Committee sought clarification as to why sheep should not be used in place of goats. The Committee authorized Member-Secretary to obtain separate approval of Chairman, SCLA on receipt of clarification.
<b>III-G</b>	Maharaja Surajmal Institute of Pharmacy C-4, Janakpuri, New Delhi-110 058. /Ms. Manjusha  Received on 17.3.06	<b>7</b>	Experiments of B. Pharmacy VIth Semester -2005-06	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-H</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. Vikram K. Ramanathan  Received on 17.3.06	<b>8</b>	Pharmacokinetics of test item in the male Beagle dog following oral and intravenous dose administration  Project Code : ADV PKK9 001 06 Product Code : ON 01910.Na	Approved.
<b>III-I</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash  Received on 17.3.06	<b>9</b>	Import of Beagle dogs for conducting experiments: “Evaluation of test item - for Subchronic toxicity in Beagle dogs”.  Project Code : SCD-1/06, SCD-2/06, SCD-3/06, SCD-4/06, SCD-5/06, and SCD-6/06.  Product Code : SC/SN/CC:76, SC/SN/CC:77, SC/SN/CC:78, SC/SN/CC:79, SC/SN/CC:80, and SC/SN/CC:81	Approved. However, the proposed import is to be effected in batches. The institute should increase their breeding facilities for beagle dogs.

<b>III-J</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash  Received on 17.3.06	<b>10</b>	Evaluation of test item - for subchronic toxicity in Beagle dogs  Project Code : SCD-1/06 Product Code : SC/SN/CC:76	Approved.
<b>III-K</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash  Received on 17.3.06	<b>11</b>	Evaluation of test item - for subchronic toxicity in Beagle dogs  Project Code : SCD-2/06 Product Code : SC/SN/CC:77	Approved.
<b>III-L</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash  Received on 17.3.06	<b>12</b>	Evaluation of test item - for subchronic toxicity in Beagle dogs  Project Code : SCD-3/06 Product Code : SC/SN/CC:78	Approved.
<b>III-M</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash Received on 17.3.06	<b>13</b>	Evaluation of test item - for subchronic toxicity in Beagle dogs  Project Code : SCD-4/06 Product Code : SC/SN/CC:79	Approved.
<b>III-N</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash  Received on 17.3.06	<b>14</b>	Evaluation of test item - for subchronic toxicity in Beagle dogs  Project Code : SCD-5/06 Product Code : SC/SN/CC:80	Approved.
<b>III-O</b>	Advinus Therapeutics Private Limited 21&22, Phase-II, Peenya Indl. Area, Bengalore-560 058./ Dr. P.J. Prakash Received on 17.3.06	<b>15</b>	Evaluation of test item - for subchronic toxicity in Beagle dogs  Project Code : SCD-6/06 Product Code : SC/SN/CC:81	Approved.
<b>III-P</b>	Indian Veterinary Research Institute Izatnagar--243 122 U.P. / Dr. Pallab Chaudhuri Received on 20.3.06	<b>16</b>	Expression of Immunodominant Antigens and Development of DNA Vaccine Construct against Bovine Brucellosis.	The Committee sought further technical details including results of studies on small animals.

<b>III-Q</b>	Indian Veterinary Research Institute Izatnagar--243 122 U.P. / Dr. A.B. Pandey Received on 20.3.06	<b>17</b>	All India Network Project on Bluetongue (BT) Disease.	The Committee approved the proposal, subject to the modification that for Sr. No. 2 in place of 8 animals only 6 animals were approved. Thus use of a total of 90 animals was approved.
<b>III-R</b>	Indian Veterinary Research Institute Izatnagar--243 122 U.P. / Dr. S.K. Saha Received on 20.3.06	<b>18</b>	Evolving economic ration using unconventional/alternative protein and energy rich feed ingredients for cheavon production.	Approved.
<b>III-S</b>	Indian Veterinary Research Institute Izatnagar--243 122 U.P. / Dr. J.R. Rao Received on 20.3.06	<b>19</b>	Production and Quality Control of Veterinary Immunodiagnosics and Immunoprophylactics	Approved.
<b>III-T</b>	Indian Veterinary Research Institute Izatnagar--243 122 U.P. / Dr. Abhijit Mitra  Received on 20.3.06	<b>20</b>	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.
<b>III-U</b>	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388 001. / Ms. Seema Agrawal Received on 24.4.06	<b>21</b>	Age related effects of diclofenac toxicity in poultry.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-V</b>	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388 001. / Mr. Tarun Balani Received on 24.4.06	<b>22</b>	Subacute Immunotoxicity Studies of Imidacloprid in WLH cockerel chicks.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-W</b>	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388 001. / Mr. Prakash Nathalal Patel Received on 24.4.06	<b>23</b>	Pharmacokinetics and safety studies of cefepime in sheep.	Approved.

<b>III-X</b>	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388 001. / Mr. Navneet Kumar Pandey  Received on 24.4.06	<b>24</b>	Sub acute Immunotoxicity studies of Alpha-cypermethrin in cockrel chicks.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Y</b>	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388 001. / Mr. Syamantak Mani Tripathi  Received on 24.4.06	<b>25</b>	Immunotoxicity studies by subacute exposure of Acephate in cockrel chicks.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z</b>	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388 001. / Dr. C.G. Joshi  Received on 24.4.06	<b>26</b>	Differential gene expression in buffalo udder during Lactogenic pathway in induced lactation model.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z-1</b>	Central Drug Research Institute Chattar Manzil, P.O. Box 173, Lucknow-226 001. / Dr. R.K. Singh / Dr. Poonam Singh  Received on 8.5.2006	<b>27</b>	Compound 99/373: 28 days toxicity study in Rhesus monkey by oral route at limit dose level.	Approved, subject to compliance with statutory requirements regarding procurement of monkeys.
<b>III-Z-2</b>	Central Drug Research Institute Chattar Manzil, P.O. Box 173, Lucknow-226 001. / Dr. Sudhir Srivastava  Received on 8.5.2006	<b>28</b>	CDR 134/F194: 28 Days Repeat Dose of Toxicity Study in Rhesus Monkey by Oral Route	Approved, subject to compliance with statutory requirements regarding procurement of monkeys.
<b>III-Z3</b>	Veterinary College, Hebbal, Bangalore-560 024 / Dr. K. Jayakumar  Received on 24.4.2006	<b>29</b>	Pharmacokinetics of hydroxyprogesterone caproate in cattle, buffalo, sheep and goat.	Approved.
<b>III-Z4</b>	M/s. Cadila Health Care Ltd., Zydus Tower, Satellite Road, Ahmedabad-380 015. / Mr. Mr. Harilal Patel (Protocol No. ZRC/CPCSEA/DMPK/164/04-2K6 Received on 18.5.2006	<b>30</b>	Pharmacokinetic study of new molecules and In-vivo release study of novel formulation in dogs  (Protocol No. ZRC/CPCSEA/DMPK/164/04-2K6	Approved.

<b>III-Z5</b>	National Dairy Research Institute (Deemed University) Karnal-132001, Haryana / Dr. Krishan Mohan Kumar  <b>Received on 20.4.06</b>	<b>31</b>	Studies on the novel heatsynch protocol for estrus synchronization timing of ovulation and endocrine profile in cycling Murrah buffaloes.	Approved.
<b>III-Z6</b>	Maulana Azad Medical College, New Delhi Central Animal House, New Delhi. / Dr. Uma Tekur Received on 25.4.06	<b>32</b>	To study the analgesic and ulcerogenic activity of cox-inhibitors when administered in combination with melatonin.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z7</b>	Maulana Azad Medical College, New Delhi Central Animal House, New Delhi. / Dr. Uma Tekur Received on 25.4.06	<b>33</b>	Comparative analgesic and anti-inflammatory effect of various COX-Inhibitors using animal models.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z8</b>	The Foundation For Medical Research Dr. Kantilal J. Sheth, Memorial Building, 84-A, R.G. Thadani Marg, Worli, Mumbai-400 018. / Dr. T.J. Birdi Received on 18.5.06	<b>34</b>	Development of an herbal package with antidiarrhoeal activity and its popularization in a rural community.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z9</b>	Veterinary College, (Department of Veterinary Parasitology, ), KVAFSU, Hebbal, Bangalore-24. / Dr. Placid E. D'Souza Received on 18.5.06	<b>35</b>	Immunodiagnosis and Molecular characterization of Sarcocystis species in Cattle.	Approved.
<b>III-Z10</b>	Haryana Veterinary Vaccine Institute (HVVI) Barwala Road, Hissar, Haryana / Dr. S.C. Suneja Received on 18.5.06	<b>36</b>	Maintenance of HS vaccine seed	Approved.
<b>III-Z11</b>	Haryana Veterinary Vaccine Institute (HVVI) Barwala Road, Hissar, Haryana / Dr. S.C. Suneja Received on 18.5.06	<b>37</b>	Production of sheep pox vaccine	Approved.
<b>III-Z12</b>	Haryana Veterinary Vaccine Institute (HVVI) Barwala Road, Hissar, Haryana / Dr. S.C. Suneja Received on 18.5.06	<b>38</b>	Production of Anti Rabies Vaccine	The Committee rejected the proposal since at the National level use of sheep for production of ARV is banned.

<b>III-Z13</b>	Haryana Veterinary Vaccine Institute (HVVI) Barwala Road, Hissar, Haryana / Dr. S.C. Suneja Received on 18.5.06	<b>39</b>	Quality control of following bacterial/viral vaccines produced at HVVI, Hisar	Approved.
<b>III-Z14</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Dr. Purnima Ashok Received on 18.5.06	<b>40</b>	Appetite suppressant activity of Ashwagandha, Sida cordifolia, Erythrina Indica, and Carallia brachiata	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z15</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Dr. Purnima Ashok Received on 18.5.06	<b>41</b>	Antiarthritic activity of Crotalaria juncea	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z16</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Dr. S.S. Karki Received on 18.5.06	<b>42</b>	Synthesis and pharmacological activities of 2,5,6-trisubstituted-imidazo (2,1-b)-1,3,4-thiadiazole.	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z17</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Dr. S.S. Karki Received on 18.5.06	<b>43</b>	Synthesis and pharmacological activities of some Schiff and Mannich bases	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z18</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Sh. B.M. Dinesh Received on 18.5.06	<b>44</b>	Design and evaluation of buccal drug delivery system of psychopharmacologicals and steroids	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z19</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Dr. Purnima Ashok Received on 18.5.06	<b>45</b>	Anti-diabetic activity of extracts of Cinnamomum zeylanicum (Common Name: cinnamon)	Proposal is to be approved by IAEC. SCLA approval is not required.
<b>III-Z20</b>	College of Pharmacy 2 <sup>nd</sup> Block, Rajajinagar, Bangalore-560 010./ Dr. Purnima Ashok Received on 18.5.06	<b>46</b>	Appetite suppressant activity of Achyranthus aspera and Euphorbia hirta	Proposal is to be approved by IAEC. SCLA approval is not required.

**Additional Agenda introduced with the permission of Chair.**

The Committee approved that administrative instructions be issued by Member-Secretary that the institutes forwarding proposals for SCLA should invariably provide 10 copies of their proposals failing which the proposals would not be placed before the Committee. Instructions should also be reiterated that SCLA approval was not required for experiments involving birds, rats, guinea pigs, or rabbits.

2. SCLA considered the suggestion that a few suitable technical experts may be co-opted to facilitate the disposal of pending cases of registration of the Institutes, since the Expert Consultants had not yet joined. It was agreed by the Committee that a panel of names would be provided to the Member-Secretary so that approval of CPCSEA for this proposal could be taken during the forthcoming meetings on 27.6.2006.

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