

MINUTES OF THE MEETING OF THE INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC) OF SCHOOL OF PHARMACEUTICAL SCIENCES HELD ON WEDNESDAY, 13, APRIL, 2019 AT TIME 10.00 A.M. AT SCHOOL OF PHARMACEUTICAL SCIENCES, SHOOLINI UNIVERSITY, SOLAN, HP

Members Present:

Sl.No.	Name of Member
1.	Prof Deepak Kapoor, Chairperson cum Biological Scientist
2.	Dr Gurfateh Singh, CPCSEA-Main Nominee
3.	Dr Kamal Saini, CPCSEA-Link Nominee
4.	Dr Lalit Mohan, Socially Aware Nominee
5.	Dr Reena V Saini, Scientist from Different Discipline
6.	Dr Rohit Goyal, Scientist In-charge of AHF

Dr Deepak Kapoor, Chairman took the Chair and after ascertaining that the requisite quorum was present, welcomed all the IAEC members, and called the meeting to order.

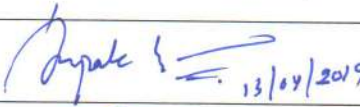

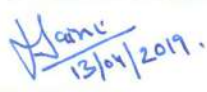
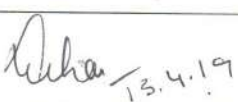

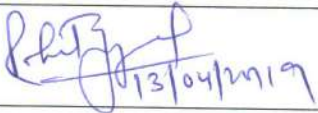
S.No.	Agenda	Action taken
1.	The minutes of last IAEC meeting conducted on 05.12.2018 as tabled at the meeting were read and taken on record.	Approved
2.	Review and approval of the research protocols submitted to IAEC.	In view of the objectives proposed in various exp. protocol, the requirements of animals were discussed. The detail is enclosed as Annexure-I.
3.	Revision of IAEC constitution is proposed, in view of inclusion of a veterinarian full time.	IAEC suggested to file a request to CPCSEA for revision of IAEC enclosing one-page CV and consent of new full time veterinarian member, along with requisite fee.
4.	Adoption of the amendment given by CPCSEA in Feb. 2019 for installation of CCTV camera.	Approved; the process for installation of CCTV camera has been initiated.

Annexure-I:

S.No.	Title of the Project	Protocol	Proposed	Approved	Remarks
1	Development and Evaluation of Nanocarrier Drug Delivery Systems of Azelaic acid for Topical Administration	IAEC/S U/19/01	Swiss Albino Mice (male)=15 Wistar rat (male) =36	Swiss Albino Mice (E/S)=09 Wistar rat (E/S) =12	Either sex (E/S) is suggested.
2	Development and Evaluation of Carboplatin Loaded Vesicular System for Vaginal Delivery	IAEC/S U/19/02	Swiss Albino Mice (female)=6 6	Swiss Albino Mice (female)=4 4	N=4 is suggested.
3	Designing, <i>In-Silico</i> screening and biological evaluation of FDA-Approved compound against RORyt Modulation	IAEC/S U/19/03	C57BL6J Mice (male)=30	C57BL6J Mice (E/S)=35	Members suggested to go for at least two dose levels with n=5 in each group
4	Development and Evaluation of Ethonosomal Gel Formulation of Clindamycin	IAEC/S U/19/04	Swiss Albino Mice (female)=2 4	Swiss Albino Mice (female)=2 0	N=5 is suggested.
5	Design, Development and evaluation of in situ forming elastic Niosomal Gel of Neomycin Sulfate for Ocular delivery	IAEC/S U/19/05	New Zealand Rabbits (E/S)=12	New Zealand Rabbits (E/S)=06	04 animals may be shared with protocol no. IAEC/SU/19/09; IBSC approval was enclosed.
6	Design, Development and evaluation of chebulinic acid loaded floating drug delivery system for gastric delivery.	IAEC/S U/19/06	SD Rats (male)=78	SD/Wistar Rats (male)=30	12 animals for gastric ulcer model and 18 rats for Pharmacokinetic study, are suggested.
7	Phytochemical investigation and <i>in-vivo</i> systemic bioavailability of identified markers in ayurvedic formulation.	IAEC/S U/19/07	Wistar rat (E/S)=78	Wistar rat (E/S)=78	-
8	Investigation of in vivo anti-malarial potential of <i>Nicandra physalodes</i> ,	IAEC/S U/19/08	BALB 'C' mice (E/S)=66	BALB 'C' mice (E/S)=62	IBSC approval was enclosed.

	<i>Berginia ciliata</i> and <i>Xanthium strumarium</i> against chloroquine resistant strain				
9	Development of Transungual Delivery System of Clotrimazole for the Treatment of Onychomycosis.	IAEC/S U/19/09	New Zealand Rabbits (E/S)=12	New Zealand Rabbits (E/S)=04	-
10	To evaluate the acute toxicity of <i>Moringa oleifera</i> seeds powder in mice.	IAEC/S U/19/10	Swiss albino mice female=60	Swiss albino mice E/S=36	Either sex of animals is suggested.
11	Investigation of immunomodulatory and anti-tumor potential of the ethyl acetate fraction of <i>Pinus roxburghii</i> .	IAEC/S U/19/11	BALB 'C' mice (E/S)=66	BALB 'C' mice (E/S)=66	-
12	Evaluation of <i>Moringa oleifera</i> in atopic dermatitis	IAEC/S U/19/12	BALB 'C' mice (E/S)=90	BALB 'C' mice (E/S)=54	Three doses: low, medium and high of test agent were suggested
13	<i>In-vivo</i> antidiabetic study of Yashada Bhasma prepared by two different methods.	IAEC/S U/19/13	Charles Foster rat (E/S)=66	Wistar rat (E/S)=38	Wistar Albino rats (E/S) with n=6 in each group is suggested.
14	To study the adaptogenic activity of Ashwagandha Ghrita prepared from different aged samples of Ghrita in albino rats.	IAEC/S U/19/14	Wistar rat (E/S)=40	Wistar rat (E/S)=30	N=6 is suggested.
15	Acute toxicity and anti-hyperlipidemic study of a novel herbal formulation: SU-TN500.	IAEC/S U/19/15	Wistar rat (E/S)=44	Wistar rat (E/S)=12	Group I, II and III may be shared with previous study conducted by same scientist group.
16	Parasitic study on the Carp fish (<i>Cyprinus carpio</i> L., 1758) from Gobind sagar, Bilaspur, Himachal Pradesh.	IAEC/S U/19/16	<i>Cyprinu carpio</i> (E/S)=80	<i>Cyprinu carpio</i> (E/S)=80	A declaration from PI for use of parasitic organisms, to be enclosed.
17	In-vivo acute toxicity assessment of synthetic anti-cancer molecules in rats	IAEC/S U/19/17	Wistar rat (E/S)=18	Wistar rat (E/S)=18	-

As there was no business to be transacted, the meeting was concluded with vote of thanks to the Chair and all the members of IAEC.

Sl.No.	Name of Member	Signature
1.	Prof Deepak Kapoor, Chairperson cum Biological Scientist	 13/04/2019
2.	Dr Gurfateh Singh, CPCSEA-Main Nominee	 13/4/19
3.	Dr Kamal Saini, CPCSEA-Link Nominee	 13/04/2019.
4.	Dr Rajneesh, Scientist outside from the Institute	— ab —
5.	Dr Lalit Mohan, Socially Aware Nominee	 13.4.19
6.	Dr Reena V Saini, Scientist from Different Discipline	 13/4/2019
7.	Dr Kamal Dev, Scientist from Different Biological Discipline	— ab —
8.	Dr. Sandeep Thakur, Veterinarian	— ab —
9.	Dr Rohit Goyal, Scientist In-charge of AHF	 13/04/2019

Date: 13.04.2019

Place: Solan