

Dr. B.R. AMBEDKAR CENTRE FOR BIOMEDICAL RESEARCH
UNIVERSITY OF DELHI, DELHI-110 007

Minutes of the meeting held on 7th September, 2018

A meeting of Institutional Human Ethics Committee (IHEC) was held on 07th September 2018 at 2:30 P.M. in the seminar Hall, Dr B.R.Ambedkar Center for Biomedical Research, University of Delhi.

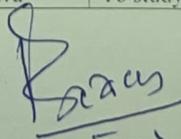
The following members were present.

Prof. B. C. Das (Chairperson)
Prof. K. Natarajan (Vice-chairperson)
Prof. Seema Sood (Clinician)
Dr Raman Mittal (Legal Advisor)
Prof. Kavita Gulati (member)
Prof Daman Saluja (Member)
Dr. Aparna Dixit (Member)
Mr. Gopal Krishan (Lay man)
Dr. L.R.Singh (Member Secretary)

At the outset, Director thanked the previous committee members for their help in conducting IHEC from 2015-2018. Director also welcomed the members of the new committee and introduced the Chairperson, prof, B. C. Das. All members introduced themselves to rest of committee members. Chairperson gave introductory remarks.

All the Principal Investigators were invited to present their project. A total of 9 projects given below were considered by the committee

S. No.	Reference	Name of PI/CoPI	Title of project
1	ACBR/IHE C/AK-01/09-18	PI- Dr. Meenakshi Chaswal Co PI- Dr. H. S Isser, Dr. Anju Katyal	Association between cardiac autonomic functions, inflammation and arterial stiffness in patients with cardiac syndrome X and coronary atherosclerosis
2	ACBR/IHE C/AD-01/09-18	PI- Dr. Aparna Dixit Co PI- Dr. P S Chandra, Dr. Manjari Tripathi, Dr. Jyotirmoy Banerjee , Dr. Sanjeev Lalwani	Validation of the potential candidate genes identified in both mesial temporal lobe epilepsy (MTLE) and focal cortical dysplasia (FCD) for their possible role as prognostic /diagnostic peripheral biomarkers.
3	ACBR/IHE C/AD-02/09-18	PI- Dr. Aparna Dixit Co PI- Dr. Jyotirmoy Banerjee, Dr. P S Chandra, Dr. Manjari Tripathi, Dr. Sanjeev Lalwani	Investigation of the role of mass Spectrometric lipid profiles of brain tissues resected from patients with Cortical Dysplasia (FCD) in defining the epileptogenic zone (EZ)
4	ACBR/IHE C/DS-01/09-18	PI- Prof. Daman Saluja Co PI- Prof. Vinay Kumar Gupta, Dr. Gauri	Development of biosensor based detection of FSH, LH and Estradiol hormone during Menstrual Cycle.
5	ACBR/IHE	PI- Dr. Kamna Srivastava	To study the genetic polymorphism of



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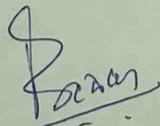
	C/KS- 01/09-18	Co PI- Prof. Rajiv Narang, Prof. Daman Saluja	PCSK9 and other candidate genes (Heat Shock Protein:HSP60,HSP27,HSP90,HSP70,GDF 15,ST2 andIL33) and their expression at gene and protein levels in patients with coronary artery disease
6	ACBR/IHE C/MY- 01/09-18	PI-Dr. Manisha Yadav Co PI- Dr. Sandeep K Shrivastva	Understanding the association between the prevalence of antibiotic resistance and CRISPR repeats in Uropathogenic <i>Escherichia. Coli</i> (UPEC) causing Urinary Tract Infection
7	ACBR/IHE C/DS- 02/09-18	PI- Prof Daman Saluja Co Pi- Dr. Sumathi Muralidhar , Dr. Meenakshi Dwivedi	In vivo Screening of Novel Antimicrobial compounds using <i>Caenorhabditis elegans</i>
8	ACBR/IHE C/DS- 03/09-18	PI- Prof. Daman Saluja Co Pi – Dr . Yatendra Kumar Satija , Dr. Fouzia Siraj	To elucidate the role of p73 in suppressing metastasis
9	ACBR/IHE C/DS- 04/09-18	PI- Prof. Daman Saluja Co Pi – Dr. Ankit Mathur	Treating leukemic stem cell differentiation by natural compound in the treatment of Acute Myeloid Leukemia
10	ACBR/IHE C/DS- 04/09-18	PI- Dr. L. R. Singh Co-PI- Rimpay Kaur	Investigating cellular mechanisms underlying Prdx6's enhanced half-life within oxidatively stressed cells: an insight into therapeutic intervention for neurodegeneration

Sl. Nos. 8 (project ref. # ACBR/IHEC/DS-03/09-18) and 10 (project ref. # ACBR/IHEC/DS-04/09-18) have been approved without any modifications. For all other projects, PI's have been asked for incorporating minor corrections.

The Committee authorized chairperson to make sure the corrections have been incorporated before the approval of the project.

All PI's have further made necessary corrections and corrected projects were submitted to Prof. B. C. Das, Chairperson IHEC. After having gone through the revised projects, the Chairperson has accorded his approval for all the projects.

The meeting ended with vote of thanks to the Chair.



Prof. B. C. Das
(Chairperson)



Dr. L.R. Singh
(Member Secretary)

Dr. B.R. AMBEDKAR CENTRE FOR BIOMEDICAL RESEARCH

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Minutes of the meeting held on 24th January, 2020

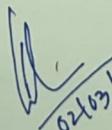
A meeting of Institutional Human Ethics Committee (IHEC) was held on 24th January 2020 at 11:00 A. M. in the seminar Hall, Dr. B. R. Ambedkar Center for Biomedical Research, University of Delhi.

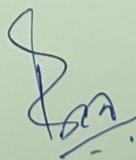
The following members were present.

Prof. B. C. Das (Chairperson)
Prof. K. Natarajan (Vice-chairperson)
Dr. L. R. Singh (Member Secretary)
Prof. Seema Sood (Clinician)
Dr Raman Mittal (Legal Advisor)
Prof. Kavita Gulati (member)
Prof Daman Saluja (Member)
Dr. Aparna Dixit (Member)
Mr. Gopal Krishan (Lay man)
Prof. S. Annapoorni (Philosopher)

At the outset, all members introduced themselves to rest of committee members. Chairperson gave introductory remark. All the Principle Investigators (PI) were invited to present their project. The committee considered a total of 5 projects (from Sr. No. 1-5) given below.

Sr. No.	Reference	Name of PI/Co-PI	Title of project	Final Recommendation of IHEC
1	ACBR/IHEC/DS-05/01-2020	PI- Prof. Daman Saluja / Co PI- Dr. Ankit Mathur, Prof. Tulika Seth	Targeting leukemic stem cell differentiation by natural compound in the treatment of Acute Myeloid Leukemia	Approved
2	ACBR/IHEC/K N-01/01-2020	PI- Prof. K. Natarajan	Investigating the role of carbon metabolism during Mycobacterial infection	Approved
3	ACBR/IHEC/K N-02/01-2020	PI- Prof. K. Natarajan	Investigating the role of host heat shock proteins during Mycobacterial	Approved


02/03/2020



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			infection	
4	ACBR/IHEC/A D-03/01-2020	PI- Dr. Aparna Dixit/ Co PI- Dr. P. Saratchandra	Comparative analysis of Src kinase mediated high Glutamatergic activity In the anterior temporal lobe (ATL) and hippocampus of hippocampal Sclerosis (HS) patients	Approved
5	ACBR/IHEC/M Y-02/01-2020	PI- Dr. Manisha Yadav/ Co PI- Dr. Sandeep K. Srivastava	Characterization and targetting biofilm formation of uropethogenic Escherichia coli in UTI pateints	Not approved as there were many lacunae in the project presentation. Additionally, the student could not clarify questions raised by the committee members in the absence of the Guide/PI.

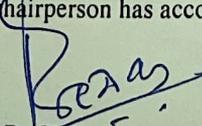
PI's have been asked for minor corrections suggested by the committee (from Sr. No. 1-4). In case of Sr. No. 5, the PI has not been asked for revision, as the project has not been approved.

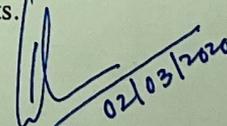
The committee also authorized chairperson to make sure the corrections have been incorporated before the approval of the project.

The chairman suggested that in the Ethical clearance issued by the Member Secretary should write "No deviation from the objectives approved by IHEC will be permitted without prior approval/intimation to the IHEC".

The meeting ended with thanks to the Chair.

All PI's have further made necessary corrections and corrected projects were submitted to Prof. B. C. Das, chairperson IHEC. After going through the revised projects, the chairperson has accorded his approval for all the projects.


Prof. B. C. Das
(Chairperson)


Dr. L. R. Singh
(Member Secretary)

Minutes of the meeting held on 18th August, 2020

A meeting of Institutional Human Ethics Committee (IHEC) was held on 18th August 2020 at 4:30 P. M. in online mode through Google Meet.

The following members were present.

Prof. B. C. Das (Chairperson)
Prof. K. Natarajan (Vice-chairperson)
Dr. L. R. Singh (Member Secretary)
Prof. Seema Sood (Clinician)
Dr Raman Mittal (Legal Advisor)
Prof. Kavita Gulati (member)
Prof Daman Saluja (Member)
Dr. Aparna Dixit (Member)
Mr. Gopal Krishan (Lay man)
Prof. S. Annapoorni (Philosopher)
Prof. Neera Agnimitra (Social Scientist)

At the outset, chairperson welcomed all members and gave introductory remark. All the Principle Investigators (PI) were invited to present their project. The committee considered a total of 6 projects (from Sr. No. 1-6) given below.

Sr.No.	Reference	Name of PI/CoPI	Title of project	Remarks
1	ACBR/IHEC/DS-06/08-2020	PI- Prof. Daman Saluja / Co PI- Dr. Ekta Gupta	Optimization and Technical validation of Taqman based qPCR assay for detection of SARS-CoV-2 viral RNA in the total RNA extracted by clinicians from oropharyngeal/nasopharyngeal specimens	1. The details of safety handling the RNA samples should be defined 2. Request the committee to waive off the inclusion/exclusion criteria. It was suggested that the pls could write that "It is part of the archived material and can be used for the betterment of future diagnostics and therefore committee may waive off the inclusion/exclusion criteria 3. inclusion/exclusion criteria should be defined properly
2	ACBR/IHEC/AD-04/08-2020	PI- Dr. Aparna Dixit/ Co PI- Dr. Jyotirmoy Bannerjee	To explore the possible mechanism of neuromodulation by COVID19 virus proteins inneuronal cell lines.	1. COVID-19 should be changed 2. "Human host vector" should be replaced with "Human neuronal cell line" 3. Standard safety

				protocol should be added while using the plasmid/proteins
3	ACBR/IHEC/DS-07/08-2020	PI- Prof. Daman Saluja / Co PI- Dr. Uma Chaudhry, Dr. Sunita Jetly	To assess the impact of various health conditions and comorbidities on the infectivity and severity of COVID-19	<ol style="list-style-type: none"> 1. Questionare should be placed in the committee 2. Scientific justification & formula for the number of individuals in relation to public health should be incorporated. 3. Consent form should be detail as there are lots of social stigma for COVID-19 p endemic. Introduction to the project should also be incorporated in the consent form so as to guarantee how the investigators are going to use the data 4. Suggested to include a psychologist, biostatistician or epidemiologist in the board.
4	ACBR/IHEC/DS-08/08-2020	PI- Prof. Daman Saluja / Co PI- Dr. Sunita Jetly, Dr. Shruti Tripathi	Survey to study the awareness and mental distress spurred by COVID-19 and the lockdown with preventive measures adopted by the students (18-28) studying in Delhi/NCR.	Same as 3
5	ACBR/IHEC/KS-02/08-2020	PI- Dr. Kamna Srivastava/ Co PI- Dr. Rajiv Narang, Prof. Daman Saluja	Genomics approach to study the severity of SARS-CoV-2 infection with respect to Coronary artery disease and its risk factors in Asian Indian	<ol style="list-style-type: none"> 1. pl should request the committee for waiving off the patient form with proper justification. 2. Sample size should be justified
6	ACBR/IHEC/KS-03/08-2020	PI- Dr. Kamna Srivastava/ Co PI- Dr. Rajiv Narang,	Role of Sortilin, Neuregulin genes and microRNAs in patients with coronary artery disease.	<ol style="list-style-type: none"> 1. participant information sheet and consent form to be included 2. Signatures of other co-pls are not there

PI's have been asked for minor corrections suggested by the committee (from Sr. No. 1-4).

The meeting ended with thanks to the Chair.

All PI's have further made necessary corrections and corrected projects were submitted to all the members to make sure that the corrections are made. After going through the revised projects, the chairperson has accorded his approval for all the projects.



Prof. B. C. Das
(Chairperson)

Dr. L. R. Singh
(Member Secretary)

Minutes of the meeting held on 24th August, 2021

A meeting of Institutional Human Ethics Committee (IHEC) was held on 24th August 2021 at 2:30 P. M. in online mode through Google Meet.

The following members were present.

Prof. B. C. Das (Chairperson)
Prof. K. Natarajan (Vice-chairperson)
Dr. L. R. Singh (Member Secretary)
Prof. Seema Sood (Clinician)
Dr Raman Mittal (Legal Advisor)
Prof. Kavita Gulati (member)
Prof Daman Saluja (Member)
Dr. Aparna Dixit (Member)
Prof. Neera Agnimitra (Social Scientist)

At the outset, chairperson welcomed all members and gave introductory remark. All the Principle Investigators (PI) was invited to present their project. The committee considered a total of 5 projects (from Sr. No. 1-5) given below.

Sr.No.	Reference	Name of PI/CoPI	Title of project	Remarks
1	ACBR/IHEC/DS-09/08-2021	PI- Prof. Daman Saluja / Co PIs- Dr Sunita Jetly, Dr Jyoti Taneja	Surveillance study to know the knowledge, attitude, practice, efficacy and acceptance of COVID-19 Vaccination in India.	1. Title to be changed as suggested by the members. 2. Vaccines: covaxine and covishield should be mentioned. 3. Any compounding factor or denominator needs to be clarified. 4. In PIS: "Patients" should be replaced with "Subjects"
2	ACBR/IHEC/DS-10/08-2020	PI- Prof. Daman Saluja / Co PIs- Dr. Sunita Jetly, Dr. Anita Mangla	Treatment modalities for home quarantine patients in Delhi	1. Title should be changed as per suggestions. 2. Questionare: (a) Taste and/or shortness of breath can be mentioned (b) When did doctors advise hospitalization may be mentioned.
3	ACBR/IHEC/DS-11/08-2020	PI- Prof. Daman Saluja / Co PIs- Dr. Sunita Jetly, Dr. Shruti Banswal, Dr. Anita Mangla	Knowledge, Attitude and Practice of preventive traditional measures to combat Covid19.	1. How the clinical outcome be evaluated. The outcome mentioned should also change 2. Second objective should be modified 3. Beginning of each of

				the objective is to be changed 3. In the title "traditional" may be changed
4	ACBR/IHEC/AD-05/08-2021	PI- Dr. Aparna Dixit/ Co PIs- Dr. P. Sarat Chandra, Dr. Manjari Tripathi, Dr. Sanjeev Lalwani	Generation of Mass Spectrometry-based Lipid Profiles of Electroencephalography-graded brain tissues for identification of Epileptogenic zone in focal cortical dysplasia II patients: Scope for knife surgery.	Members were albeit concerned about the length of the project title. However, the project is satisfied from all human ethical angles and therefore may be approved subject to getting ethical clearance from AIIMS.
5	ACBR/IHEC/KS-03/08-2021	PI- Dr. Manisha Yadav/ Co PI- Dr. Sandeep K. Shrivastava	Design and development of target specific antibiofilm against Uropathogenic Escherichia Coli in UTI patients	The project may be approved subject to getting clearance from the collaborating institute.

PI's have been asked for minor corrections suggested by the committee (from Sr. No. 1-3). The meeting ended with thanks to the Chair.

All PI's have further made necessary corrections and corrected projects were submitted to all the members to make sure that the corrections are made. In case of Sr. No. 4, the PI further requested to retain the original project title without any change. All members then agreed to her request.

After going through the revised projects, the chairperson has accorded his approval for all the projects.

Prof. B. C. Das
(Chairperson)

Dr. L. R. Singh
(Member Secretary)



Notification

The University of Delhi has constituted the Institutional Human Ethics Committee (IHEC) with the following members:

1. Prof. Bhudev C. Das **-Chairperson**
(Amity Institute of Molecular Medicine & Stem Cell Research, Amity University)
2. Prof. Mandira Verma **-Co-chairperson**
(Department of Microbiology, Vallabhbhai Patel Chest Institute, DU)
3. Prof. Ashutosh Bhardwaj, Department of Physics and Astrophysics, DU
4. Prof. Neera Agnimitra, Department of Social Work, DU
5. Dr. Ajita Kapur, Department of Pharmacology, ABVIMS & Dr. RML Hospital
6. Prof. Sunanda Bharti, Law Centre-I, Faculty of Law, DU
7. Prof Vipin Gupta, Department of Anthropology, DU
8. Prof. Ranjita Panday, Department of Statistics, DU
9. Prof. Krishan Negi, Department of Zoology, DU
10. Prof. Laishram R. Singh, ACBR, DU
11. Mr. Pawan Sameer Lakra, Assistant Registrar, DU
12. Prof. Anju Katyal, ACBR, DU **-Member Secretary**

This issues with the approval of the competent authority.

Chairperson, Research Council

Minutes of UNIVERSITY OF DELHI -IHEC meeting held on 14th March, 2023

A meeting of Institutional Human Ethics Committee (IHEC) was held on 14th March 2023 at 2:30 PM. in Committee Room, Research Council, University of Delhi.

The following members were present.

- Prof. B. C. Das (Chairperson)
- Prof. Mandira Verma (Vice-chairperson and clinical Microbiologist)
- Prof Anju Katyal (Member Secretary)
- A. Prof. Ajita Kapur (Clinical Pharmacologist)
- **Prof Ashutosh Bharadwaj (Member, Physicist)#**
- Prof Sunanda Bharti (Member, Legal Advisor)
- Prof. Vipin Gupta (Member, Anthropologist)
- Prof Neera Agnimitra (Member, Social Scientist)
- Prof L R Singh (Member, Basic Scientist)
- Prof Ranjita Pandey (Member, Statistician)
- Prof Krishan Negi (Member, Basic Scientist)
- Mr Pawan Sameer Lakra (Member, Socially aware member)

#Prof Ashutosh Bharadwaj could not attend the meeting

At the outset, Chairperson welcomed all members of the newly formed DU-IHEC and gave introductory remark. All the Principle Investigators (PI) were invited to present their project. The committee considered a total of four projects (from Sr. No. 1-4) given below.

Sr. No	Reference	Name of PI/CoPI	Title of project	Remarks	Response
1	1/DU NC/IH EC/DS /Mar/ 23	PI- Prof. Daman Saluja, ACBR, University of Delhi, North Campus	Unraveling the role of Sin3B spliced variants in subjects of Tobacco consumption (gutka and smoking), the major risk factor with oral cancer	1. The PI was asked to give the bilingual (English/Hindi) version of the form. The PI was also asked to give the undertaking for reporting of adverse events, Undertaking for conflict of interest and the Undertaking for not using the samples for any other purpose.	The revised protocol as per remarks was accorded approval for six months
2	2/DU NC/IH EC/NA /Mar/ 23	PI- Prof. Neera Agnimitra Co PIs- Dr. Seema Sharma Department of Social work, University of Delhi, North Campus	Strengthening the value base of social work education in the university system: An action research project	1. Tools of data collection should be specified. 2. The PI specified that since the medium of instruction is in English. The forms have been prepared in English 3. The PI was advised to maintain the anonymous status for the participants of the survey 4. The samples of forms should be attached in the revised protocol	The revised protocol as per remarks was accorded approval for one year
3	3/DU NC/IH EC/SB /Mar/ 23	PI-Dr. Sakshi Bhatia, Department of Linguistics, University of Delhi	Sentence Processing in Hindi/Punjabi	1. The PI was advised to form a committee for unbiased/blinded collection of the data from the participants. The samples of the questionnaire should be provided by PI. Power analysis for getting the appropriate number of subjects in the study should be added to the protocol.	The revised protocol was Accorded approval for one year

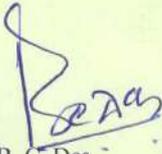
4	PI- Dr. Aparna Dixit/ Co PIs- Dr. Amrita Bakshi	Elucidation of role of steroidal versus nonsteroidal hormones on neuroinflammation in cortical dysplasia versus noncortical dysplasia drug resistant epilepsy	Members were concerned about the protocol. Some of the critical details about the protocol and the related approval from AIIMS New Delhi (the source of samples) were not provided in the presented protocol. The committee resolved to reconsider the project in the next meeting of IHEC subject to the making of necessary changes by the PI as advised.	The committee resolved to reconsider the project in the next meeting of IHEC subject to the making of necessary changes by the PI as advised.
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Recommendations :

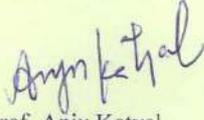
PI's have been asked to make the necessary changes (point wise) suggested by the committee (from Sr. No. 1-3) and submit revised protocols as early as possible

The meeting (14.03.2023) ended with thanks to the Chair.

All PI's have further made necessary corrections and corrected protocols were submitted to all the members of the committee by rotation to make sure that the corrections are made. In case of Sr. No. 4, the PI was further requested to make the modifications and present the protocol in the next meeting of DU-IHEC. After going through the revised project protocols, the chairperson has accorded his approval for projects S No 1-3.

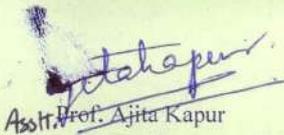


Prof. B. C. Das
(Chairperson)

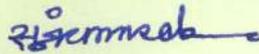


Prof. Anju Katyal
(Member Secretary)

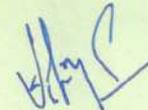
Prof. Mandira Verma
(Vice-chairperson)



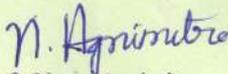
Asst. Prof. Ajita Kapur



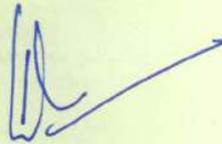
Prof. Sunanda Bharti



Prof. Vipin Gupta



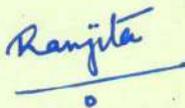
Prof. Neera Agnimitra



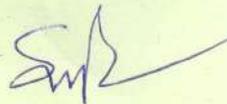
Prof L R Singh



Mr Pawan Sameer Lakra



Prof Ranjita Pandey



Prof Krishan Negi