


TO WHOMSOEVER IT MAY CONCERN

This is to bring to your notice that the project that I have submitted for Sun Pharma Science Foundation Science Scholar Awards has received "Ethical Clearance" from the concerned authorities. The following are the certificates:


Aishwarya Raj
PhD Student
Biophysics Dept.
NIMHANS
Bangalore-29



NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES
(INSTITUTE OF NATIONAL IMPORTANCE)
P.B. NO. 2000, HOSUR ROAD, BENGALURU - 560 029 (INDIA)

Dr. Chittaranjan Andrade,
Professor of Clinical Psychopharmacology & Neuro
Toxicology
Dean of Faculty (Basic Sciences) and
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No. NIMHANS/IEC/2019-20

Date: 01.10.2019

To
Ms. Aishwarya Raj
PhD Student
Department of Biophysics
NIMHANS
Bangalore

Dear Ms. Aishwarya Raj,

Sub: Exemption from Ethics Committee review.

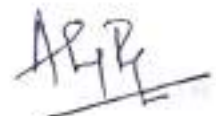
Ref: Your letter dated 25th Sep. 2019 seeking exemption from Ethics Committee review of PhD regarding your Ph.D thesis protocol titled "Assessing the effect of alpha-synuclein on midbrain astrocytes in the context of the pathophysiology of Parkinson's Disease".

With reference to the above, I understand that there is no involvement of humans subjects in the research. Therefore, the study is exempted from Ethical review.

Decision: Exempted from Ethics Committee review.

Please note that this clearance is provisional. The protocol will be placed for ratification before the Institute Ethics Committee (Basic Sciences & Neurosciences) at its next meeting; if ratified, you will be informed about the ratification in writing and the final letter of ethical clearance will be issued.

Dr. Chittaranjan Andrade
Dean (Basic Sciences) and
Member - Secretary, IEC (Basic and Neuroscience Div.)



NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES
Institute of National Importance
BENGALURU - 560029

CENTRAL ANIMAL RESEARCH FACILITY (CARF)

Decision of 70th IAEC meeting held on 08th August 2019

Date: 08.08.2019

CERTIFICATE

This is to certify that the project titled "Assessing the effect of alpha-synuclein on midbrain astrocytes in the context of the pathophysiology of Parkinson's Disease" has been approved by the 70th IAEC meeting held on 8th August 2019 with IAEC number AEC/70/456/B.P (Kindly quote this number in all future correspondence related to this project). Please find the other details of this project as mentioned below,

1. Name & address of the investigator: Dr. Indrani Datta, Associate Professor, Dept. of Biophysics, NIMHANS, Bengaluru.
Co-guide: Dr. Phalguni Anand Alladi.
Authorized individual to conduct animal procedures: Aishwarya Raj, PhD student.
2. Nature of the proposal submitted for ethical clearance: Ph.D. Research.
3. Funding agency: DBT.
4. Total duration of the project: 60 months.
5. Duration of the IAEC clearance: 02/07/2018 to 30/06/2023.
6. Number of animals approved for the project: Total 180 Sprague Dawley rats: 150 female rats and 30 male rats for 5 years. But approved only 72 SD rats for fourth and fifth years.

First year: 02/07/2018 to 30/06/2019- From project ID: AEC/67/419/B.P.

Second year: 02/07/2019 to 30/06/2020- From project ID: AEC/67/419/B.P.

Third year: 02/07/2020 to 30/06/2021- From project ID: AEC/67/419/B.P.

Fourth year: 02/07/2021 to 30/06/2022- 30 female rats and 6 male rats.

Fifth year: 02/07/2022 to 30/06/2023- 30 female rats and 6 male rats.


a. Sex: Both Male and Female.

b. Age/ Weight: 2-3 months, 150-200g

7. Total number of days of housing each experimental animal: 91 days.
8. Decisions reached by the committee: Approved.
9. Advice / suggestion(s) by the IAEC, if any: Committee has approved to use 108 SD rats (90 female and 18 male SD rats) required for first 3 years from already approved project ID: AEC/67/419/B.P. Hence, only 60 female and 12 male rats are approved for fourth and fifth years of the project.

****Note:** After completion of the project it is mandatory to submit:

- a. Project completion report in the prescribed format.
- b. Submit details of papers published from the said project.


Dr. B.S. Shankaranarayana Rao
Member Secretary, IAEC.

