



Mahatma Gandhi Mission's
MEDICAL COLLEGE

Sector-18, Kamothe, Navi Mumbai - 410 209, India
Ph: (022) 27427900, 7423404, Fax: (022) 27420320
E-mail: mgmmcnb@gmail.com, Web: www.mgmmumbai.ac.in

**Minutes of 01/2022 of the Institutional Animal Ethics Committee (IAEC) Meeting
dated 30th April 2022**

Name and address of establishment: MGM Medical College and Hospital,
Kamothe, Navi Mumbai

Registration number of establishment: 303/PO/Re/S/2000/CPCSEA

Date and Time of the IAEC Meeting: 30.4.2022 at 11.30 AM

Venue: Seminar room, Department of Pharmacology, MGM Medical College,
Kamothe, Navi Mumbai (Physical mode)

Minutes of the Meeting:

**1) Item No. 1: Welcome and Induction of the newly appointed external members
to the IAEC, MGM Medical College, Kamothe, Navi Mumbai.**

- The Chairperson, Dr. Prakash Khandelwal, welcomed the members to the first meeting of the reconstituted Institutional Animal Ethics Committee (IAEC), MGM Medical College, Navi Mumbai.

Prakash Khandelwal
30/4/22

Prakash Khandelwal

30/4/22

- The Member Secretary, Dr Ipseeta Ray introduced the external and internal members of IAEC. Formal Induction of honorable members of the IAEC was undertaken who were also sensitized on its functions.

2) Item No. 2: Reading and confirmation of minutes of last meeting

- The Member Secretary read the minutes of last IAEC meeting held on 23.10.2021.
- Action taken on compliance was mentioned to the members.
- Members approved the minutes of last IAEC meeting dt. 23.10.2022.

3) Item No. 3: Regarding resignation of Dr Krutika Khiratkar, Veterinarian, IAEC, and appointment of Dr Shailesh Upadhyay in her place.

- The Member Secretary informed the IAEC members that Dr Krutika Khiratkar, Veterinarian has resigned from Institute. In her place, Dr Shailesh Upadhyay has been appointed as full-time veterinarian by the Head of the Institute.
- The nomination of Dr Shailesh Upadhyay in place of Dr Krutika Khiratkar as Veterinarian in the IAEC, MGM Medical College, Navi Mumbai was approved by the members.
- It was decided that the codal formalities for the inclusion of Dr Shailesh Upadhyay in the IAEC will be initiated with CPCSEA as per the procedures.

4) Item No. 4: Inspection of the animal House, MGM Medical College, Navi Mumbai

- The Inspection of the Animal House of MGM Medical College, Navi Mumbai was carried out by CPCSEA Nominees and other Members.
- The Inspection report will be submitted by Main Nominee to CPCSEA.
- Members suggested installation of timer for all exhaust fans and stand by A/C for the animal rooms.

K. Prasad
30/4/22

J. L. R.
30/4/22

5) **Item No. 5: Any other matter with the permission of the chair**
Process for recognizing the Zebra fish existing at School of Biomedical Sciences, MGMIHS by CPCSEA

- The Member Secretary Informed the members that IAEC is also receiving research protocols related to Zebra fish from School of Biomedical Sciences.
- Therefore, the facilities for Zebra fish existing at School of Biomedical Sciences of MGMIHS are required to be duly recognized by CPCSEA
- The Member Secretary stated that these facilities were inspected by the previous committee and the same was documented in the IAEC Meeting held on 23rd Oct 2021, which is available on record.
- The CPCSEA Nominees informed that for recognition of Zebra fish facility by CPCSEA, New Delhi, Form 'A' of the Institute must be modified and updated Form 'A' must be submitted to the CPCSEA, New Delhi as per procedures.
- The format of Form 'A' will be updated accordingly with concurrence from the Head of the Institute.

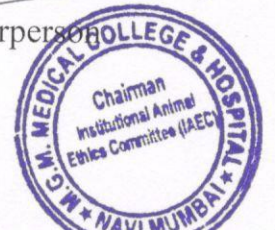
Item No. 6: Decision/ Recommendation of IAEC on New Research Protocols:

| S. No. | Title of the Protocol | Protocol No. | Species proposed | Total Housing capacity for Species proposed | Number of animals proposed | Number of animals recommended by IAEC | Approved/ Rejected/ Deferred/ Any other remark/ Observation of IAEC |
|--------|-----------------------|--------------|------------------|---|----------------------------|---------------------------------------|---|
| | | | | | | | |

- Since there were no animal study proposals for discussion, the Meeting ended with thanks to the Chair.
- Date of next IAEC Meeting to be decided.

K. Panikraop
 CPCSEA Main Nominee
 30/4/22

J. M. L.
 Chairperson
 30/4/22





Mahatma Gandhi Mission's
MEDICAL COLLEGE

Sector-18, Kamothe, Navi Mumbai - 410 209, India
Ph: (022) 27427900, 7423404, Fax: (022) 27420320
E-mail: mgmmcnb@gmail.com, Web: www.mgmmumbai.ac.in

INSTITUTIONAL ANIMAL ETHICS COMMITTEE (IAEC)
MGM MEDICAL COLLEGE, NAVI MUMBAI

The meeting of Institutional Animal Ethics Committee of MGM Medical College and Hospital was held on 30th April 2022 at 11.30 AM at Pharmacology Seminar room 2nd Floor MGM Medical College Building.

Attendance

| No | Member | Designation | Signature |
|----|------------------------|---|---|
| 1 | Dr. K. Pani Prasad | Main Nominee | <i>KPaniPrasad</i> 30/4/22 |
| 2 | Dr. Arvind Ingle | Link Nominee | <i>Arvind Ingle</i> 30/4/22 |
| 3 | Dr. Prabhakar S. Ukale | Scientist from outside the Institute | <i>Prabhakar S. Ukale</i> 30/04/2022 |
| 4 | Shri Sharad Bhagat | Socially aware Nominee | <i>Sharad Bhagat</i> 30/04/2022 |
| 5 | Dr. P.N.Khandelwal | Chairperson | <i>P.N.Khandelwal</i> |
| 6 | Dr. G. S. Narshetty | Member | Absent- |
| 7 | Dr. Yashoda Kattimani | Member | <i>Yashoda Kattimani</i> 30/4/2022 |
| 8 | Dr. Ipseeta Ray | Member Secretary | <i>Ipseeta Ray</i> 30/4/22. |
| 9 | Dr. Krutika Khiratkar | Veterinarian | Absent- |

P.N.Khandelwal
30/4/22



Mahatma Gandhi Mission's
MEDICAL COLLEGE

Sector-18, Kamothe, Navi Mumbai - 410 209, India

Ph: (022) 27427900, 7423404, Fax: (022) 27420320

E-mail: mgmmcncb@gmail.com, Web: www.mgmmumbai.ac.in

**Minutes of 01/2022 of the Institutional Animal Ethics Committee (IAEC) Meeting
dated 25th June 2022**

Name and address of establishment: MGM Medical College and Hospital,
Kamothe, Navi Mumbai

Registration number of establishment: 303/PO/Re/S/2000/CPCSEA

Date and Time of the IAEC Meeting: 25.6.22.at 10 AM

Venue: Conducted in Hybrid Mode

- **Venue for in person Meeting:** Pharmacology Seminar room, 2nd Floor, MGM Medical College, Navi Mumbai
- **Link for Virtual Meeting (Google Meet):** <https://meet.google.com/nkt-fxzb-ige> in the Pharmacology Seminar room MGM Medical College.

1) Item No. 1: Reading and confirmation of minutes of last meeting

- The Member Secretary read the minutes of last IAEC meeting held on 30.4.2022.
- Action taken on compliance was mentioned to the members.
- Members approved the minutes of last IAEC meeting dated 30.4.2022.

Imad
25/6/22

Ktani
25/6/22

2) Item No. 2: Decision/ Recommendation of IAEC on New Research Protocols:

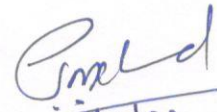
- The CPCSEA Main Nominee, Dr Pani inquired regarding the status of recognition of the Zebra fish facility existing at School of Biomedical Sciences, MGMIHS by CPCSEA since the IAEC is receiving research protocols related to Zebra fish for review.
- The Member Secretary, Dr Ipseeta Ray informed the committee that the process for due recognition of Zebra fish facility by CPCSEA has been initiated
- The CPCSEA Nominees emphasized that for recognition of Zebra fish facility by CPCSEA, New Delhi, Form 'A' of the Institute must be modified and updated Form 'A' submitted to the CPCSEA, New Delhi as per procedures.
- It was decided that the process of recognition will be expedited.


| S. No. | Title of the Protocol | Protocol No. | Species proposed | Total Housing capacity for Species proposed | Number of animals proposed | Number of animals recommended by IAEC | Approved/ Rejected/ Deferred/ Any other remark/ Observation of IAEC |
|--------|---|--------------|-------------------------|---|----------------------------|---------------------------------------|--|
| 1 | To study the Microarchitecture of Zebrafish organs | 2022/6/1 | Zebrafish / Danio rerio | 2000 adult fish | 10 adult fish | 10 adult fish | Approved Observation Since the study is purely a histopathological analysis, it was suggested to include Co-Guide from Pathology |
| 2 | In vivo toxicological assessment of synthesized EDTA coated magnetic Iron nanoparticles (EDTA-MIONP) in zebrafish | 2022/6/2 | Zebrafish / Danio rerio | 2000 adult fish | 240 embryo / larvae | 240 embryo / larvae | Approved Observation Reference for selection of doses of Iron nanoparticles (EDTA-MIONP) for toxicological study to be |

Pooja Lal
25/6/22

KPani
25/6/22

| | | | | | | | |
|---|---|----------|-------------------------|-----------------|---------------------|---------------------|---|
| | (Daniorerio) | | | | | | included in protocol |
| 3 | Synthesis, characterization of zinc oxide nanoparticle (ZnO-NPs) and its toxicity assessment using zebra fish (Danio rerio) | 2022/6/3 | Zebrafish / Danio rerio | 2000 adult fish | 360 embryo / larvae | 360 embryo / larvae | Approved Observation Reference of selected doses of Iron nanoparticles (ZnO-NPs) for toxicological study to be included in protocol |
| 4 | Toxicity assessment of chronic exposure of copper oxide nanoparticles in adult zebrafish(Danio rerio) | 2022/6/4 | Zebrafish / Danio rerio | 2000 adult fish | 63 adult fish | 63 adult fish | Approved |
| 5 | Glucocorticoid induced osteoporosis model in adult zebrafish | 2022/6/5 | Zebrafish / Danio rerio | 2000 adult fish | 35 adult fish | 35 adult fish | Approved Observation The operational definition of Osteoporosis and cut off values of evaluation parameters for confirmation of Osteoporosis in zebra fish to be included in protocol |
| 6 | Cellular and tissue mapping of the zebrafish organs as a basis for toxicity studies | 2022/6/6 | Zebrafish / Danio rerio | 2000 adult fish | 10 adult fish | 10 adult fish | Approved Observation Since the study primarily involves cellular and tissue mapping of zebra fish, it was suggested to include Co-Guide from Pathology |
| 7 | Synthesis and | 2022/6/7 | Zebrafish / | 2000 adult | 150 embryo | 150 | Approved |


 Smeel
 25/6/22


 K. Prani
 25/6/22

| | | | | | | | |
|---|---|----------|-------------------------|-----------------|---------------|-----------------|---|
| | toxicity of grapheme oxide nanoparticles (GNOPs) in zebrafish (Danio rerio) | | Danio rerio | fish | / larvae | embryo / larvae | |
| 8 | Zebrafish type I diabetes model validation | 2022/6/8 | Zebrafish / Danio rerio | 2000 adult fish | 40 adult fish | 40 adult fish | Approved Observation The biochemical markers and the cut off values to confirm Type I diabetes mellitus in zebra fish to be included in the protocol The buffer that will be used to prepare Streptozotocin must be mentioned in methodology |

Item No. 3: Any other matter with the permission of the chair

Review of Projects related to Daphnia Magna, planktonic crustacean by IAEC

- Member Secretary inquired whether Research Project using Daphnia Magna, a small planktonic crustacean (adult length 1.5–5.0 mm) that belongs to the subclass Phyllopoda, needs to be reviewed by IAEC
- The CPCSEA Nominees stated that since Daphnia magna does not fall in the perview of CPCSEA such Projects will not be reviewed by IAEC
- Meeting ended with thanks to the Chair.
- Date of next IAEC Meeting to be decided.

SmcLd
25/6/22

Ktani
25/6/22

Attendance of the IAEC Members present in the meeting:



K Pani Prasad
CPCSEA Main Nominee 25/6/22

Pani Prasad
Chairperson 25/6/22