



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Accredited Grade A by NAAC

Minutes of the Scientific Advisory Committee (SAC)

Meeting of SAC of MGM Institute of Health Sciences, Navi Mumbai was held on **Tuesday 13th September 2016** in the MGMIHS, Conference Hall, 3rd Floor. The following SAC members and PhD Guides had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr Alaka Deshpande	:	Member
3. Dr Abhay Chowdhary	:	Member
4. Dr Deepak Modi	:	Member
5. Dr Chander P Puri	:	Member
6. Dr V K Suri	:	Member
7. Dr Savita Shahani	:	Member Secretary
8. Dr H R Jerajani	:	Member
9. Dr Raman P Yadav	:	Member
10. Dr Ipseeta Ray	:	Member
11. Dr D S Joshi	:	Member

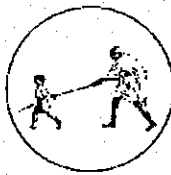
Dr. Smita Mahale had Chaired the meeting.

The Committee approved the PhD Synopsis of following PhD Scholars:

PhD Scholar	PhD Guide
1. Paresh Bhanushali	Dr. Chander P Puri
2. Allan Rodrigues	Dr Chander P Puri
3. Shoaib Haidar	Dr Manoj Chugh
4. Rajesh K Suman	Dr Ipseeta Ray
5. Vishal B Wagh	Dr A D Urhekar
6. Rakesh Prasad Sah	Dr A D Urhekar
7. Rajeev Mukhia	Dr Aruna Mukherjee
8. Mrinalini S Gaikwad	Dr Anjali Sabnis

Meeting ended with vote of thanks to the Chair.

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(Member Secretary)



MGM INSTITUTE OF HEALTH SCIENCES
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Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on **16th December, 2016** at 10.30 am at 3rd Floor, Conference Hall. The following functionaries had participated in the meeting:

1. Dr Alaka Deshpande	:	Chairperson
2. Dr A Bandivdekar	:	Member
3. Dr Deepak S Joshi	:	Member
4. Dr Abhay Chowdhary	:	Member
5. Dr Savita Shahani	:	Member Secretary
6. Dr Chander P Puri	:	Member
7. Dr G D Jindal	:	Member
8. Dr D S Joshi	:	Member
9. Dr R P Yadav	:	Member
10. Dr Z G Badade	:	Member
11. Dr H R Jerajani	:	Member

Dr. Alaka Deshpande Chaired the meeting.

Following PhD students had presented the progress of research work.

Title : An epidemiological assessment of brucellosis and associated risk factors in South Nagpur, Maharashtra

PhD Student	:	Satish Ghugey
Guide	:	Dr. Maninder S Setia
Subject	:	Community Medicine

Dr. Jerajani suggested to get permission from concerned authorities in writing regarding the study.

Dr. Chowdhary suggested to reclassify the study areas for studying burden of human brucellosis as few households can not be termed as village. He also suggested that while

recording the history of animal contact to study population, species of animal with whom they are in contact should be recorded as well as to look for brucellosis positivity in animals for better correlation.

Dr. Shahani suggested to consult a statistician as well as discuss with the guide to reach to final sample size.

Title : Clinical evaluation of novel breath-based point of care titanium dioxide nanotube sensor device for the and diagnosis of pulmonary tuberculosis screening

PhD Student	:	Samir Pachpute
Guide	:	Dr A D Urhekar
Subject	:	Microbiology

Dr. Chowdhary suggested to follow up all subjects where results are different between POC breath test vs culture / POC breath test Vs GeneXpert and reconfirm the results.

Title : Studies on polymorphism of *fucosyltransferase -2* (FUT2) gene and its association with prevalent genotypes of rotavirus and norovirus

PhD Student	:	Kshitija Rane
Guide	:	Dr D S Joshi
Subject	:	Biotechnology

Progress of research work was found satisfactory.

Title : Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens

PhD Student	:	Amita Bhagit
Guide	:	Dr R P Yadav
Subject	:	Biotechnology

Progress of the study was satisfactory. Dr. Bandivdekar suggested to apply suitable statistics while analyzing the data. Members agreed for the use of IP10 antigen & IP10 antibodies for detection of MTB and LTB antigen.

Title : Age related changes in human hypothalamus - cadaveric study

PhD Student	:	Pravin Rathod
Guide	:	Dr A Mukherjee
Subject	:	Anatomy

Dr. Alka Deshpande suggested to include few brain samples of the age group below 20 Years, if possible, to detect the age when neurodegenerative changes start in hypothalamus.

Progress of research work was found satisfactory.

Title: Study of neuronal and glial changes in human olfactory pathway with age-A cadaveric study

PhD Student	:	Monali Sonawane
Guide	:	Dr A Mukherjee
Subject	:	Anatomy

Progress of work was found satisfactory

Following topics presented for Research & Recognition Committee approval (Students of Batch - 2016)

Title : Studies on effect of Wifi radiations on oxidative stress, diabetes status and reproductive potential in normal and diabetic wistar rats

PhD Student	:	Sasmita Barik
Guide	:	Dr Z G Badade
Subject	:	Biotechnology

Members advised to modify the title of PhD thesis which should clearly indicate that it is an experimental animal study.

The members made the following recommendations :

1. To establish animal model and how the animals will be exposed to Wifi radiations so that the results can provide information useful for extrapolation to Clinical studies.
2. To establish the effects of radiations on reproductive organs and their functions
3. To study the effects of radiations on rapidly multiplying cells
4. To study the effects of radiations on genetic functions
5. Dr. Badade, PhD Guide had briefly mentioned about studying the expression pattern of some genes in Control and Wifi exposed rats. This objective should be elaborated and incorporated
6. Members asked a justification regarding including additional group of diabetic animals.

Research Scholar was asked to re-submit the proposal after incorporating the changes as suggested by the committee.

Title : Isolation & characterization of multifunctional molecule from plant and its anti-diabetes potential

PhD Student : Priyanka Rathod
Guide : Dr R P Yadav
Subject : Biotechnology

Members advised to mention the details of the plant which is going to be studied. Dr. Bandivdekar advised to include few safety parameters apart from its efficacy in the study.

The proposal was approved by the Research & Recognition Committee, subject to modifications and incorporation of the suggested changes.

Title : Isolation of plant derived efflux pump inhibitor and its drug susceptibility potential in *plasmodium falciparum*

PhD Student : Chandana Kulkarni
Guide : Dr R P Yadav
Subject : Biotechnology

Members advised to mention the details of the plant which is going to be studied. It was advised to modify objective one mentioning how established method for testing drug susceptibility is modified.

The proposal was approved by the Research & Recognition Committee, subject to modifications and incorporation of the suggested changes.


(Member Secretary)



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13th April, 2017

Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 7th April 2017 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr Alaka Deshpande	:	Member
3. Dr. Atmaram Bandivdekar	:	Member
4. Dr. Prasanna Venkatraman	:	Member
5. Dr. Deepak Modi	:	Member
6. Dr. Deepak Sudhakar Joshi	:	Member
7. Dr Chander P Puri	:	Member
8. Dr. V K Suri	:	Member
9. Dr. Raman P Yadav	:	Member
10. Dr. Ravindra Inamdar	:	Member
11. Dr. D S Joshi	:	Member
12. Dr. H R Jerajani	:	Member
13. Dr. Savita Sahani	:	Member Secretary
14. Dr. Ipseeta Mohanty	:	Member
15. Dr. Z G Badade	:	Member
16. Dr. Siddharth Dubhashi	:	Member

1.To confirm the minutes of the meeting held on 16.12.2016:

Minutes of the meeting held on 16th December, 2016 were read out and confirmed.

2.To review the Progress of PhD Research work:

The following PhD Six Monthly progress report were presented by the PhD students for review.

Title :Effect of Oxytetracycline and Doxycycline on neuromuscular function

PhD Student : Savitri Katlam
Guide : Dr. Y A Deshmukh
Subject : Pharmacology

Candidate was suggested to :

- Repeat studies involving calcium chelation potency and confirm that graph with concentration potency ratio is linear
- Repeat optic density data at lower concentration
- Recheck statistical calculations
- Limitation of study to be mentioned
- Candidate was asked to present revised synopsis again incorporating the changes as suggested.

Title : Studies on polymorphisms of fucosyltransferase2 (FUT2) gene and its association with prevalent genotypes of rotavirus and norovirus.

PhD Student : Kshitija Rane
Guide : Dr. D S Joshi
Subject : Genetics

Synopsis was approved.

Title : Biological synthesis of highly efficient quantum dots and its application in detection of MTB and latent TB (LTB) antigens.

PhD Student : Amita Bhagit
Guide : Dr. Raman P. Yadav*
Subject : Biotechnology

- Members suggested to mention advantages of quantum dots over current existing method of detection of MTB & LTB with regards to its specificity & sensitivity.
- Members advised to include gel infiltration data in presentation confirm protein crystallisation data confirm which component is responsible for antioxidant property and how this property will be beneficial in *invitro* assay.

Synopsis to be presented again after incorporation of suggestions.

Title : Potent pancreatic lipase inhibitor from food plants and development of safer anti-obesity formulation

PhD Student	:	Sveeta Mhatre
Guide	:	Dr. Raman P. Yadav*
Subject	:	Biotechnology

Candidate was suggested to :

Carryout biostandardization of plant extract
Establish effect of active ingredient on experimental obesity model

Title : Embryogenesis of human gonads

PhD Student	:	Sumi Elizebeth
Guide	:	Dr. Aruna Mukherjee
Subject	:	Anatomy

Progress of the work was satisfactory. Candidate was advised to compare the finding with abnormal foetus if available.

Title : Proliferative capacity and functional activity of retinal progenitor cells in developing human fetuses

PhD Student	:	Vithal Mane
Guide	:	Dr. Anjali Sabnis
Subject	:	Anatomy

Candidate was suggested to:

- Keep negative control of antibodies in immunohistochemistry
- Try to find the cause for abortion and correlate the findings
- If abnormal foetus could also be collected then they can be compared with the current findings for retinal progenitor cells.

Title: Age related changes in human hypothalamus - cadaveric study

PhD Student : Pravin Rathod
Guide : Dr. Aruna Mukherjee
Subject : Anatomy

Candidate was suggested to consider changes in elastin fibrin also.

Title: Study of neuronal and glial changes in human olfactory pathway with age - A cadaveric study

PhD Student : Monali Sonawane
Guide : Dr. Aruna Mukherjee
Subject : Anatomy

Work was found satisfactorily

3. Discussion on the Research Publications:

It was suggested that all Research Publications sent by faculty and students to be sent Journals for publications should be monitored by the Head of Department and the authorship should be decided according to the criteria of research work put in while preparing the paper. The Authorship Guidelines according to International committee of Medical Journal Editors (ICMJE) should be followed while finalizing the list of authors.

4. MGM Journal of Medical Sciences:

It was suggested that, MGM Journal of Medical Sciences is in its third year of Publication and should apply for getting it Indexed in Scopus and PubMed.

5. Any other matter with the permission of Chair:

As there was no other matter for discussion, meeting ended with vote of thanks.



(Member Secretary)



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Minutes of the Scientific Advisory Committee (SAC)

Meeting of the SAC of MGM Institute of Health Sciences, Navi Mumbai was held on 22nd June 2017 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

1. Dr S V Chiplunkar	:	Chairperson
2. Dr. Atmaram Bandivdekar	:	Member
3. Dr. Deepak Modi	:	Member
4. Dr. Deepak Sudhakar Joshi	:	Member
5. Dr Chander P Puri	:	Member
6. Dr. V K Suri	:	Member
7. Dr. Raman P Yadav	:	Member
8. Dr. Ravindra Inamdar	:	Member
9. Dr. D S Joshi	:	Member
10. Dr. H R Jerajani	:	Member
11. Dr. G D Jindal	:	Member
12. Dr. Savita Sahani	:	Member Secretary
13. Dr. Z G Badade	:	Member
14. Dr. RitaAbbi	:	Member

The following decisions were taken:

Anticancer effects of papaya carica in experimental induced mammary tumors in rats

PhD Student	:	Gurudatta
Guide	:	Dr. Y A Deshmukh
Subject	:	Pharmacology

Dr. Y A Deshmukh (Guide) could not participate in the meeting. Mr. Gurudatta was given second opportunity to present the Synopsis of his PhD work. However, the candidate was unable to provide convincing replies to most of the questions related to methodologies and procedures used in implementing the research objectives. He was unable to present the methodology related to calculation

of LD 50 dose, including effective dose finding and safety profile studies. Similar he did not know the methods used for phytochemical analysis, estimation of CA 15-3 and LDH. The breast tissue histological photographs were not clear and members advised to present photographs with higher magnification for better clarity. Candidate could not even explain his observations from histopathological photographs. In spite of the fact that Mr Gurudatta had presented the synopsis second time, the members gave him yet another opportunity and recommended that all the suggestions be incorporated and Synopsis presented again. The members also suggested that Mr Gurudatta should do more comprehensive reading not only related to the PhD topic but on broader aspect in the area of work. Synopsis in the present form was not approved.

Title : Study of Chlamydia trachomatis and Chlamydia specific immune response and its association with vaginal flora patterns among women attending a tertiary care hospital in Navi Mumbai

PhD Student	:	Mrinangka Deb
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested:

- Prevalence of infection in study population using two different test ie. PCR/ IGG may give variable results as they become positive at different stage of infection therefore both the test can't be compared.
 - As the sample size is small dividing them into subgroups may not give reliable results.
 - In Infertility group(group 2)details regarding cause of infertility must be obtained.
 - Correlation coefficient of IGG vs HSP to be calculated
 - Candidate presented new PCR data after modification of methodology which was advised in previous SAC.
 - Candidate was suggested to incorporate the above suggestions.
- Synopsis was approved.

Title : GAD-65 Autoantibodies as a Novel Marker in the Diagnosis of latent autoimmune diabetes in adults

PhD Student	:	Preeti Pachpute
Guide	:	Dr. Z G Badade
Subject	:	Biochemistry

Candidate was advised to analyse data again using regression analysis.

Synopsis was approved.

Title : Pattern of sleep in Type II diabetics patients

PhD Student : Santosh Saha
Guide : Dr. R S Inamdar
Subject : Physiology

Candidate was asked to improve on graphs and use proper statistics to bring more clarity in results.

The synopsis was approved.

Title : Studies on the mechanisms of action of homeopathic drugs on osteoporosis in Zebra Fish Model

PhD Student : Himanshu Gupta
Guide : Dr. Mansee Thakur
Subject : Genetics

Candidate was advised to add another group with equimolar concentration of calcium to rule out effect of calcium present in Tincture / vehicle

Title : Study of effect of iron nanoparticles on Iron Deficiency Anaemia using rat model

PhD Student : Smital Kulkarni
Guide : Dr. Mansee Thakur)*
Subject : Biotechnology

Progress of work was satisfactory

Title : Study of sympathetic and parasympathetic activity in controls and hypertensive subject

PhD Student : Manasi S Sawant
Guide : Dr. G D Jindal
Subject : Biotechnology

Members advised to increase age of inclusion criteria to 18 years onwards so that consent given by participants is legal. Health status of all the cases may be recorded.

Title : Association of circulating microRNAs and Irisin Peptide with risk of Myocardial Infarction

PhD Student : Santosh Gawali
Guide : Dr. Z G Badade
Subject : Biochemistry

Candidate was advised to:

- Include only participants with history of angina pectoris in high risk group participants
- Observe if there is any correlation between severity of disease with hsTnT levels.
- Observe if there is any correlation between markers during acute phase and post MI period
- More details may be obtained from participants from non cardiac group to correlate the findings.

Title : Estrogen receptor-1 polymorphism and osteoprotegerin gene polymorphism in postmenopausal women

PhD Student : Sneha Pawar
Guide : Dr. Z G Badade
Subject : Biochemistry

Candidate was advised to remove part of study where facts have already established. Request of the candidate for permission to remove estimation of BMD from study design due to financial constraint was not honored. Candidate was advised to look for financial help from University / other sources to complete the work.

Date and agenda for next meeting to be decided.


(Member Secretary)