



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

- | | | |
|----------------------------|---|------------------|
| 1. Dr Smita Mahale | : | Chairperson |
| 2. Dr. Atmaram Bandivdekar | : | Member |
| 3. Dr. Deepak Modi | : | Member |
| 4. Dr Prasanna Venkatraman | : | Member |
| 5. Dr. Savita Sahani | : | Member Secretary |
| 6. Dr. Raman P Yadav | : | Member |
| 7. Dr. Ravindra Inamdar | : | Member |
| 8. Dr. Ipseeta Ray | : | Member |
| 9. Dr. Rita Abbi | : | Member |

Title : To study effect of topical corticosteroid on blood pressure, blood sugar and blood calcium in healthy volunteers and in patients requiring topical corticosteroids therapy

PhD Student	:	Chetan Javsén
Guide	:	Dr. Y A Deshmukh
Subject	:	Pharmacology

Candidate was advised to incorporate the suggestions given by members regarding statistical analysis and data presentation in consultation with statistician and guide.

Synopsis was approved.

Title : Effect of Oxytetracycline and Doxycycline on Neuro- muscular function

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

Candidate was suggested to make following corrections in dissertation : -

- Recheck for calcium estimation
- Correlation of grip strength with gender may be considered
- Rationales for experiments on uterus may be justified

Synopsis was approved.

Sdm
30/10/17

• Title : Anticancer effects of papaya carica in experimental induced mammary tumors in rats

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

Candidate was not able to explain details in slides showing histopathology. Candidate was advised to use higher magnification for better visualization. Candidate was asked to clarify criteria for selecting the dose of papaya extract used in study and include data regarding various toxicity studies.

Suggestions given in previous SAC meetings were not incorporated

Synopsis was not approved.

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

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

Synopsis was approved

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

PhD Student : Samir Pachpute
Guide : (Dr. A D Urhekar)*
Subject : Microbiology

Progress of study was satisfactory however members expressed safety concerned over disposal of bags used for breath test which needs to be addressed.

Title : Isolation and Characterisation of multifunctional molecule from plant and its antidiabetes potential

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

Progress of study was satisfactory

SDU
30/10/17

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

Progress of study was satisfactory

Title : Effect of CPAP and weight loss on biochemical marker in obese diabetic with obstructive sleep apnea patients

PhD Student : Vijay Shah
Guide : (Dr. Z G Badade)*
Subject : Biochemistry

Candidate not presented research progress

Date and agenda for next meeting to be decided.

Smita Mahale
30/10/17

Dr. Smita Mahale
Chairperson



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Minutes of the Research & Recognition Committee (RRC)

Meeting of the Research & Recognition Committee (RRC) of MGM Institute of Health Sciences, Navi Mumbai was held on 2nd December 2017 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

1. Dr Smita Mahale	:	Chairperson
2. Dr. Atmaram Bandivdekar	:	Member
3. Dr. Chander P Puri	:	Member
4. Dr. Savita Sahani	:	Member Secretary
5. Dr. Raman P Yadav	:	Member
6. Dr. Ravindra Inamdar	:	Member
7. Dr. Ipseeta Ray	:	Member
8. Dr. Z G Badade	:	Member
9. Dr. Siddharth Dubhashi	:	Member
10. Dr. Rita Abbi	:	Member

Title : Comparative effectiveness of different treatments for Chronic Low Back Pain

PhD Student	:	Sidharth Verma
Guide	:	Dr. Olvyna D'souza
Subject	:	Anesthesiology

Members suggested to make the following changes in study design:

- Male and female participants should have separate prevalidated questionnaire for self evaluation of pain
- A pilot study of 100 cases can be performed and sample size may be increased based on pilot study
- Inputs from other associated specialty may be incorporated
- Co-investigators from other specialty may be included

The proposal was approved by the RRC subject to the incorporation of the suggested changes as above.

Title : Comparative study of microanatomy of audiovisual area of fetal cerebrum of normal and eclamptic mothers

PhD Student	:	Muthuchitra Pandian
Guide	:	Dr. Anjali Sabnis
Subject	:	Anatomy

Members suggested to incorporate the following changes:

- Current study design is not sufficient for PhD desertation. Some more components may be incorporated
- Detailed histology may be studied using electron microscope

The proposal was approved by the RRC subject to the incorporation of the suggested changes as above.

Title : Association of Apelin and G212A Apelin Receptor (APJ/ APLNR) Gene Polymorphism with Plasma APJ levels in Type 2 Diabetes Mellitus and CAD risk patients

PhD Student	:	Neha More
Guide	:	Dr. Subiman Saha
Subject	:	Biochemistry

Members suggested to have detailed literature search and then study may be redesigned as current study design may not show any correlation. Also to include a co-guide from molecular biology.

The research proposal needs to be modified by incorporating the details of methodology and suggested changes and resubmitted.

Title : Associate role of MTHFR, PTB & TYMS6bpdel polymorphisms with reference to pre-term delivery

PhD Student	:	Surya Panikar
Guide	:	Dr. Mansee Thakur
Subject	:	Genetics

Members suggested to exclude participants having pre-diabetics and pre-eclampsia. They also suggested to include a control arm of participants with normal delivery.

The proposal was approved by the RRC subject to the incorporation of the suggested change as above.

Title : Determining most prevalent HLA type in different ethnic group in Navi Mumbai

Title : Determining most prevalent HLA type in different ethnic group in Navi Mumbai

PhD Student	:	Arth Nath Dube
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested following modifications:

- Title may be modified by excluding ethnic group from the title, which may be considered during analysis study may be designed to study control and diabetic patients to study association of HLA in both the groups.
- If correlation of HLA type in various ethnic group is required to be studied then various ethnic should be specified
- HLA typing may be studied using PCR
- Correlation of HLA type can be correlated with associated comorbidities in diabetic

The research proposal needs to be modified by incorporating the details suggested and resubmitted.

Title : Microbial and Immunological studies in chronic renal Disease

PhD Student	:	Abhishek Singh
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested to incorporate the following changes in study design :

- Study design may be modified after discussion with clinical expert who may also be included as co-guide
- Sample size may be increased
- Immunological and biochemical parameters may be correlated

The research proposal needs to be modified by incorporating the details suggested and resubmitted.

Title : Protein mediated synthesis of anti-oxidant calcium nanoparticles and its UV protecting potential

PhD Student	:	Sasmita Barik
Guide	:	Dr. Raman P Yadav
Subject	:	Biotechnology

The proposal was approved by the RRC.


Title : Evaluation of Microteaching as Teaching - Learning tool for Teachers in Health Sciences

PhD Student	:	Madhavi Mankar
Guide scales	:	Dr. Siddharth Dubhashi
Subject	:	Health Profession Education

Members suggested to do a pilot study to test the evaluation and if required a modified tool may be developed.

The proposal was approved by the RRC subject to the incorporation of the suggested changes as above.

Date and agenda for next meeting to be decided.


Dr. Savita Shahani
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 27th February 2018 at 10.00 am in the Conference Hall. The following members had participated in the meeting:

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|----------------------------|---|------------------|
| 1. Dr Smita Mahale | : | Chairperson |
| 2. Dr. Alaka Deshpande | : | Member |
| 3. Dr. Chander P Puri | : | Member |
| 4. Dr. Atmaram Bandivdekar | : | Member |
| 5. Dr. Deepak Modi | : | Member |
| 6. Dr. Savita Sahani | : | Member Secretary |
| 7. Dr. V K Suri | : | Member |
| 8. Dr. G D Jindal | : | Member |
| 9. Dr. Raman P Yadav | : | Member |
| 10. Dr. Ravindra Inamdar | : | Member |
| 11. Dr. Rita Abbi | : | Member |

Title : To study phenotypic characteristics of different types of diabetes in the young and genetic characterization of monogenic diabetes (MODY)

PhD Student	:	Neha More
Guide	:	Dr. Parineeta Samant
Subject	:	Biochemistry

Suggested to reduce the upper limit of the age to get more MODY cases. Incorporate expression of entire MODY gene to see for new mutation

Research topic was approved subject to incorporation of above mentioned suggestions.

Title : Study the diagnostic accuracy and feasibility of lipoarabinomannan as biomarker for early and rapid screening of tuberculosis

PhD Student	:	Arth Nath Dube
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested to specify the study design, whether the aim is to detect early diagnostic or the progress of the disease.

Which body fluid will be used for non-pulmonary tuberculosis?

Advised to go for literature search for the sensitivity of the test and perform pilot study to confirm the hypothesis.

Modified protocol may be submitted for ethical clearance.

Research title is approved subject to above mentioned modifications.

Title : Study on maternal colonization of Group B Streptococcus and Pregnancy related complications

PhD Student	:	Abhishek Singh
Guide	:	Dr. A D Urhekar
Subject	:	Microbiology

Members suggested to modify the title specifying which pregnancy related complications will be considered

To change the study design and remove neo-natal deaths

To exclude the HIV infected mothers

Research title is approved subject to mentioned modifications.

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

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

Members suggested to add water as control for HRTMC

Mention the particle diameters using mean and standard deviation

Specify range of nano-particle size

The unit of AFM was not defined, in addition to the size of nano-partcile more details about surface of the nano-particle should be considered

Add a slide of unstained fluorescent larva

Statistics should be applied for the analysis

Synopsis approved subject to incorporation of above 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

Title may be modified as suggested

Advised to confirm the mechanism of test drug.

Synopsis approved

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

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

Synopsis approved unanimously

Title : Embryogenesis of Human Gonads

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

Members suggested to mention number of fetuses in each group and apply statistics, while presenting the data.

Progress was satisfactory

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

Member suggested to modify the questionnaire used for the study, pre-validate it and incorporate questionnaires used in other studies.

Title : Study of effect of Iron nanoparticles on iron deficiency anaemia using rat model

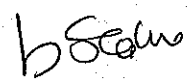
PhD Student	:	Smital Kulkarni
Guide	:	Dr. Mansee Thakur
Subject	:	Biotechnology

Members suggested to omit the toxicity of ovary if they are not classified as per the stage of ovulation

Identify the dose for efficacy studies

Progress was found satisfactory

Date and agenda for next meeting to be decided.


Dr. Savita Shahani
Member Secretary