



16

MGM INSTITUTE OF HEALTH SCIENCES
(Deemed University U/s 3 of UGC Act 1956)
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Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on **11th July, 2018 at 10.00 am** at 3rd Floor, Conference Hall. The following members had participated in the meeting. The minutes related to two clinical projects of which Dr. H R Jerajani, Head Department of Dermatology, MGM Medical College & Hospital is the Principal Investigator are included in the minutes.

- | | | |
|------------------------|---|------------------|
| 1. Dr. Alaka Deshpande | : | Chairperson |
| 2. Dr. Savita Shahani | : | Member Secretary |
| 3. Dr. J C Sharma | : | Member |
| 4. Dr. A Bandivdekar | : | Member |
| 5. Shri. E A Patil | : | Member |

Dr. Alaka Deshpande Chaired the meeting.

Minutes of the meeting held on 13th March 2018 were read and confirmed.

Amendments to the following projects were discussed among the members and it was decided unanimously to approve the amendments subject to obtaining approval from appropriate regulatory body.

- 1] Protocol 14V-MC-JAHL(a): A multicenter, Randomized, double-blind, placebo-controlled, phase 3 study to evaluate the efficacy and safety of baricitinib in adult patients with moderate to severe atopic dermatitis.
- 2] Protocol 14V-MC-JAHN(a): A Phase 3 multicenter, double-blind study to evaluate the long term safety and efficacy of baricitinib in adult patients with atopic dermatitis.

Member Secretary informed to House about preparations required for NABH accreditation IEC and progress about the process.

Meeting ended with vote of thanks.


Dr. Savita Shahani
Member Secretary



17

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Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on 13th October, 2018 at 10.00 am at 3rd Floor, Conference Hall. The following members had participated in the meeting.

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|------------------------|---|------------------|
| 1. Dr Alaka Deshpande | : | Chairperson |
| 2. Dr. A H Bandivdekar | : | Member |
| 3. Dr. J C Sharma | : | Member |
| 4. Shri E A Patil | : | Member |
| 5. Dr. Karuna Ramraje | : | Member |
| 6. Dr. Ipseeta Ray | : | Member |
| 7. Dr Savita Shahani | : | Member Secretary |

Dr. Alaka Deshpande Chaired the meeting.

Research Project entitled: **A multicentric, randomized, double blind, placebo controlled trial to assess the efficacy and safety of saccharomyces boulardii CNCM-I 3799 bacillus subtilis CU - Icombination for treatment of acute diarrhea in Indian children.**

Principle Investigator : Dr. Nimain Mohanty, Professor Department of Peadiatrics, MGM Medical College & Hospital, Kamothe, Navi Mumbai.

Co-Investigator : Dr. Vijay Kamale, Professor, Department of Peadiatrics, MGM Medical College & Hospital, Kamothe, Navi Mumbai.

Research project was discussed in detail with Principal Investigator. Member Secretary suggested to submit protocol in IEC prescribed format
Protocol was approved unanimously.

Research project entitled: **"Evaluation of quality of services and gaps in the Administrative Management of Mahatma Jyotiba Phule Jan Arogya Yojana (Study conducted in Raigad district)"** submitted by Ms. Rupali Gujar, PhD Scholar (Hospital Administration) Batch 2017-18 under the guidance of Dr. K R Salgotra.

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Research project was earlier approved by Ethics Committee during its meeting on 13th March 2018. After ethical approval PhD Scholar had presented her research project to the Tool Validation Committee on 09.05.2018 and 14.08.2018 respectively, during the meeting members had suggested changes in Title and Objectives of the Research Project.

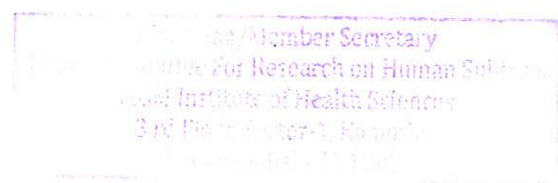
As there were major changes in objectives and study design, PhD Scholar was advised to submit revised protocol to Ethics Committee incorporating the changes advised in Tool Validation meeting for re-approval from Ethics Committee.

PhD Scholar presented her revised study during the meeting of Ethics Committee and the revised proposal was approved subject to incorporating following documents:

- i. Revised patient information sheet in English and its translation in regional languages
- ii. Revised questionnaire in English and its translation to regional language

Meeting ended with vote of thanks


Dr. Savita Shahani
(Member Secretary)





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**Minutes of the Ethics Committee for Research on Human Subjects
(ECRHS)**

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on **21st November, 2018 at 10.00 am** at 3rd Floor, Conference Hall. The following members had participated in the meeting.

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|-----------------------|---|------------------|
| 1. Dr Alaka Deshpande | : | Chairperson |
| 2. Dr. J C Sharma | : | Member |
| 3. Dr. Abhijit De | : | Member |
| 4. Dr A Bandivdekar | : | Member |
| 5. Dr. Karuna Ramraje | : | Member |
| 6. Dr. Raman P Yadav | : | Member |
| 7. Dr. Ipseeta Ray | : | Member |
| 8. Dr Savita Shahani | : | Member Secretary |

Dr. Alaka Deshpande Chaired the meeting.

Title : Moringa oleifera leaf based health drink
Principal Investigator : **Dr. Raman Yadav**

Research project was approved unanimously.

Title : Floral based formulation for reduction of intra ocular pressure
Principal Investigator : **Dr. Naheed Abidi**

PI, was suggested to modify the Patient Information Sheet. Consent Form and Patient Information Sheet to be submitted in regional languages.

Title : Natural dipeptidyl peptidase-IV inhibitor based diabetic tablet
Principal Investigator : **Dr. Ipseeta Ray**

Research project was approved unanimously.

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@ 12:18 PM
[Signature]

Title : Cultivation of low cost "Spirulina platensis" in lab Scale

Principal Investigator : Dr. Harpriya Kar

PI was suggested to modify the title as suggested by members. Research project was approved unanimously.

Title : Production of poultry and animal feed from the fruit & vegetable waste

Principal Investigator : Dr. Samir Pachpute

Research project was approved subject to the following modification:

- To specify the source of plant waste
- PI, was advised to consider development of only poultry animal feed in first phase of study
- Bioavailability studies on active compound may be deferred for second phase of study, therefore bioavailability study may be deleted from objective.
- PI was advised to submit revised protocol

Title : Plant based anti-diabetic formulation

Principal Investigator : Dr. Z G Badade

Members were of opinion that project may be resubmitted as it requires modification and formulation development. Project in current form was not approved.

Title : Isolation of curcumin from turmeric for economic treatment through injectible on cancer

Principal Investigator: Dr. Parineeta Samant

Members suggested to restrict the project in first phase to isolation and validation of anticancer properties of active principle.

Members suggested to obtain curcumin longa from a certified supplier and certificate obtained from supplier may be attached to protocol. Project was approved subject to submission of revised protocol incorporating the changes as suggested.

Title : Soya flour based nutritious chocolates

Principal Investigator : Dr. Kavita More

Protocol was approved unanimously. However members advised to change the formulation from chocolate to other current form, as chocolate may affect dental hygiene and accordingly the title of the protocol may be modified.

Title : Personalized mobile phone application to alleviate tobacco craving
Principal Investigator: Dr. Vanitha U Shenoy

Project was approved subject to following modification:

- Children above 14 years may be included after taking consent from the parents and assent from children
- Questionnaire requires translation in regional language
- Mobile based application also should be available in regional language
- Patient information sheet and consent form to be submitted in English and its translation to regional language

Title : To evaluate the efficacy of coconut oil in the oral hygiene
Principal Investigator : Dr. Ashok Kalyanshetti

Research project was not discussed as PI did not present the protocol.

Title : Validation of indigenously developed device for early detection of diabetic neuropathy and prevention of consequent foot complications.

Principal Investigator : Dr. Rajani Mullerpatan

Research project presented by PI, was not approved as it was not in a proper format and required safety data was not satisfactory.


Dr. Savita Sahani
(Member Secretary)



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**Minutes of the Ethics Committee for Research on Human Subjects
(ECRHS)**

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on **23rd January, 2019** at **10.00 am** at 3rd Floor, Conference Hall. The following members had participated in the meeting.

| | | |
|-----------------------|---|------------------|
| 1. Dr Alaka Deshpande | : | Chairperson |
| 2. Dr. Chander P Puri | : | Member |
| 3. Dr A Bandivdekar | : | Member |
| 4. Dr. Karuna Ramraje | : | Member |
| 5. Dr. Ipseeta Ray | : | Member |
| 6. Shri. E A Patil | : | Member |
| 7. Dr Savita Shahani | : | Member Secretary |

Dr. Alaka Deshpande Chaired the meeting.

The following members had informed their inability to attend the meeting:

Dr. Sirish Joshi
Dr. Abhijit De
Dr. J C Sharma
Dr. Raman P Yadav
Shri. E A Patil

1) Title of Research Project: Development and use of induced pluripotent stem cells (iPSCs) for biomarker discovery, drug screening, toxicology studies and disease modeling in different cancers (Breast, Ovarian, Cervical, Uterine, Oral, Lung, Prostate, Glioblastoma etc)

Principal Investigator : Dr. Suresh H Advani
Principal Investigator
Shushrut Hospital, Chembur

The PI has proposed to undertake the above mentioned research project using tissue samples from patients with different types of malignancies. The committee made the following recommendations:

1. To define separate protocol for each project
2. As study requires blood collection from healthy volunteers, the number of volunteers from whom blood samples will be required, volume of each blood samples and on what term volunteers will be enrolled.
3. Specify the compensation to be given to each volunteer
4. The samples to be collected from surgically removed tissues of the patient after obtaining consent for the surgery by treating Clinician from respective hospital.

In addition, there should be two separate consent forms:

- i. From the treating clinician to utilise the tissue, if investigator is not a treating clinician.
 - ii. From the patient specify the purpose of collecting biological tissue samples and how long it will be stored and at which site.
5. To incorporate case record form, if possible
 6. A MoU is required to be signed between the MGMIHS and Institute where research will be conducted before proposal is being considered for review.

Investigator was advised to submit revised protocol incorporating the changes as suggested above.

2) Title of Research Project: Immuno-expression of stem cell markers in Histopathologically graded low risk and high risk Oral Leukoplakia

Name of PhD Student : Niharika Swain
Name of PhD Guide : Dr. Mansee Thakur
Subject : Medical Genetics

- i. Members suggested to omit the group having moderate dysplasia
- ii. Inclusion criteria to be modified as control without leukoplakia are also enrolled

- iii. Separate Informed consent documents to be used for healthy control which should also mention that specimen collected will only be used for research and how long samples will be stored.
- iv. Consent is required to be taken for taking photograph of the lesion
- v. Revised protocol may be submitted

3)Title of Research Project: Design, develop and functional evaluation of DNA detection system

Name of PhD Student : Yogesh Patil
 Name of PhD Guide : Dr. Mansee Thakur
 Subject : Medical Biotechnology

- i. Title may be modified mentioning that it is for tuberculosis detection only
- ii. Present system should be evaluated against sputum microscopy and culture which is a gold standard of T.B. detection along with geneXpert
- iii. Patient Information Sheet requires modification to incorporate more details regarding study
- iv. Modification is required in translated version of consent form
- v. Incorporate Case Record Form.

4)Title of Research Project: A study of expression of stem cell regulator in Oral Leukoplakia as potentially malignant disorder of oral cavity

Name of PhD Student : Kamlesh Dekate
 Name of PhD Guide : Dr. Mansee Thakur
 Subject : Medical Genetics

Research Project was approved subject to incorporation of following changes:

- i. Title should be modified as "A study of expression of stem cell regulator in oral leukoplakia which is potentially premalignant disorder of oral cavity"
- ii. It was suggested to make following changes:
 - a) Use of gold standard biomarker for comparison.
 - b) Inclusion criteria to be modified as control without leukoplekia are also enrolled.
- iii. Separate Informed Consent documents to be used for healthy control which should also mention that specimen collected will only be used for research and how long samples will be stored.
- iv. Consent is required to be taken for taking photograph of the lesion

6) Title of Research Project: Genetic and phenotypic analysis of fucosyltransferase-2 (Fut-2) gene in Mumbai population

Name of Principal Investigator : Kshitija Rane

- i. Submit detailed protocol
- ii. Mention in details regarding how healthy volunteers will be enrolled
- iii. Informed consent documents to be modified mentioning details regarding purpose of blood and tissue collection.
- iv. Translation of Informed Consent documents in regional language to be submitted.

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Dr. Savita Sahani
(Member Secretary)



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Minutes of the Scientific Advisory Committee (SAC)

Meeting of the Ethics Committee for Research on Human Subjects of MGM Institute of Health Sciences, Navi Mumbai was held on 17th April 2019 at 10.00 am in the 3rd Floor, Conference Hall. The following members had participated in the meeting:

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|----------------------------|---|------------------|
| 1. Dr. Alaka Deshpande | : | Chairperson |
| 2. Dr. Prakash P Doke | : | Member |
| 3. Dr. Abhijit De | : | Member |
| 4. Dr. Shirish Joshi | : | Member |
| 5. Dr. Atmaram Bandivdekar | : | Member |
| 6. Dr. Raman P Yadav | : | Member |
| 7. Dr. J C Sharma | : | Member |
| 8. Dr. Karuna Ramraje | : | Member |
| 9. Shri E A Patil | : | Member |
| 10. Dr. Savita Shahani | : | Member Secretary |

Dr. Alaka Deshpande chaired the meeting

The following members had informed their inability to attend the meeting:

Dr. Chander P Puri
Dr. Smita Mahale
Dr. Ipseeta Ray

- 1] **Title :** Validation of indigenously developed device for early detection of neuropathy and prevention of consequent foot complications

Principal Investigator : Dr. Rajani Mullerpatan
Director, MGM School of Physiotherapy

Following comments were made by members:

- Title may be modified as "Validation of indigenously developed device for measuring stiffness of planter tissue"
- Study may be restricted to type 2 diabetics only

- c. Define inclusion criteria in details regarding duration of diabetes, Blood sugar/ HbAC range
- d. Suggested to include diabetic patients from MGM Hospital, Navi Mumbai
- e. Patient Information Sheet to be modified as suggested
- f. Specify how control group will be registered
- g. Separate information sheet to be prepared for control group
- h. CRF to be modified to add more information regarding duration of diabetes, HbAC values, medication details

Revised protocol to be submitted incorporating changes as suggested by members.

- 2] **Title :** Use of induced pluripotent stem cells (iPSC) Technology for Biomarker Discovery and High-throughput Drug Screening to Predict Treatment Outcome in Patients with Cancer of the Female Reproductive Tract (Ca Ovarian, Ca Cervix and Ca Uterus)

Principal Investigator : Dr. Suresh Advani, Medical Oncologist,
Shushrut Hospital, Chembur

Following comments were made by members

- a. Team can't be PI/Co-investigators
- b. Review of literature to be enclosed and mention clearly the work already done in your centre and information available in literature.
- c. Mention information regarding infrastructure existing at the centre where tissue processing will be done.
- d. Specify aims for collection of different tissues and source:
 - i. Malignant tissues from various types of malignancy and name of associated oncologist.
 - ii. Other biological fluids and non malignant tissue collected from patients
 - iii. Tissues/ biological fluid collected from volunteers
- e. How healthy volunteers will be enrolled and is there any provision for compensation for participation by volunteers.
- f. Separate informed consent documents required for healthy volunteers.
- g. Clarify how long biological samples will be stored in your facility and facility where further processing of biological samples is done.
- h. Ethics committee members will have rights to visit centre from where your biological samples are collected as well as centre where further processing will be done.

Revised protocol to be submitted incorporating changes as suggested by members

- 3] **Title :** Use of induced pluripotent stem cells (iPSC) technology for Biomarker Discovery and High-throughput drug screening to predict treatment outcome in lung cancer patients

Principal Investigator : Dr. Suresh Advani, Medical Oncologist,
Shushrut Hospital, Chembur

Following comments were made by members

- a. Team can't be PI/Co-investigators
- b. Review of literature to be enclosed and mention clearly the work already done in your centre and information available in literature.
- c. Mention information regarding infrastructure existing at the centre where tissue processing will be done.
- d. Specify aims for collection of different tissues and source:
 - i. Malignant tissues from various types of malignancy and name of associated oncologist.
 - ii. Other biological fluids and non malignant tissue collected from patients
 - iii. Tissues/ biological fluid collected from volunteers
- e. How healthy volunteers will be enrolled and is there any provision for compensation for participation by volunteers.
- f. Separate informed consent documents required for healthy volunteers.
- g. Clarify how long biological samples will be stored in your facility and facility where further processing of biological samples is done.
- h. Ethics committee members will have rights to visit centre from where your biological samples are collected as well as centre where further processing will be done.

Revised protocol to be submitted incorporating changes as suggested by members

- 4] **Title:** Use of induced pluripotent stem cells (iPSC) technology for Biomarker Discovery and High-throughput drug screening to predict treatment outcome in oral cancer patients

Principal Investigator : Dr. Suresh Advani, Medical Oncologist,
Shushrut Hospital, Chembur

Following comments were made by members

- a. Team can't be PI/Co-investigators
- b. Review of literature to be enclosed and mention clearly the work already done in your centre and information available in literature.
- c. Mention information regarding infrastructure existing at the centre where tissue processing will be done.
- d. Specify aims for collection of different tissues and source:
 - i. Malignant tissues from various types of malignancy and name of associated oncologist.
 - ii. Other biological fluids and non malignant tissue collected from patients
 - iii. Tissues/ biological fluid collected from volunteers
- e. How healthy volunteers will be enrolled and is there any provision for compensation for participation by volunteers.
- f. Separate informed consent documents required for healthy volunteers.
- g. Clarify how long biological samples will be stored in your facility and facility where further processing of biological samples is done.

- h. Ethics committee members will have rights to visit centre from where your biological samples are collected as well as centre where further processing will be done.

Revised protocol to be submitted incorporating changes as suggested by members

5] **Title:** Development and use of induced pluripotent stem cells (iPSC) for Biomarker Discovery and Drug Screening in Breast Cancer

Principal Investigator : Dr. Suresh Advani, Medical Oncologist,
Shushrut Hospital, Chembur

Following comments were made by members

- a. Team can't be PI/Co-investigators
- b. Review of literature to be enclosed and mention clearly the work already done in your centre and information available in literature.
- c. Mention information regarding infrastructure existing at the centre where tissue processing will be done.
- d. Specify aims for collection of different tissues and source:
 - i. Malignant tissues from various types of malignancy and name of associated oncologist.
 - ii. Other biological fluids and non malignant tissue collected from patients
 - iii. Tissues/ biological fluid collected from volunteers
- e. How healthy volunteers will be enrolled and is there any provision for compensation for participation by volunteers.
- f. Separate informed consent documents required for healthy volunteers.
- g. Clarify how long biological samples will be stored in your facility and facility where further processing of biological samples is done.
- h. Ethics committee members will have rights to visit centre from where your biological samples are collected as well as centre where further processing will be done.

Revised protocol to be submitted incorporating changes as suggested by members

6] **Title:** Development and use of induced pluripotent stem cells (iPSC) for Biomarker Discovery and Drug Screening in prostate Cancer

Principal Investigator : Dr. Suresh Advani, Medical Oncologist,
Shushrut Hospital, Chembur

Following comments were made by members

- a. Team can't be PI/Co-investigators
- b. Review of literature to be enclosed and mention clearly the work already done in your centre and information available in literature.
- c. Mention information regarding infrastructure existing at the centre where tissue processing will be done.

- d. Specify aims for collection of different tissues and source:
 - i. Malignant tissues from various types of malignancy and name of associated oncologist.
 - ii. Other biological fluids and non malignant tissue collected from patients
 - iii. Tissues/ biological fluid collected from volunteers
- e. How healthy volunteers will be enrolled and is there any provision for compensation for participation by volunteers.
- f. Separate informed consent documents required for healthy volunteers.
- g. Clarify how long biological samples will be stored in your facility and facility where further processing of biological samples is done.
- h. Ethics committee members will have rights to visit centre from where your biological samples are collected as well as centre where further processing will be done.

Revised protocol to be submitted incorporating changes as suggested by members

7] Title: International network for Asia-Pacific Antimicrobial Stewardship

Principal Investigator : Dr. Divyashree S, Consultant, Infectious Diseases, MGM New Bombay Hospital, Vashi.

Following comments/suggestions were made by members:

- a. Standardised module of intervention to be submitted.
- b. How would difference in antibiotic prescription due to seasonal variation will be considered.
- c. Incorporate informed consent document.

Revised protocol to be submitted incorporating changes as suggested by members.

8] Title: Randomized controlled study to assess effectiveness and acceptability of mobile app based interventional tool for cardiovascular disease self-management and risk factor control among diabetic patients

Principal Investigator : Dr. Ipseeta Ray, Professor, Dept. of Pharmacology, MGM Medical College & Hospital, Kamothe

Study protocol was approved unanimously.

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Dr. Savita Shahani
(Member Secretary)



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Minutes of the Ethics Committee for Research on Human Subjects (ECRHS)

Meeting of the ECRHS of MGM Institute of Health Sciences, Navi Mumbai was held on **26th June, 2019 at 10.00 am** at 3rd Floor, Conference Hall. The following members had participated in the meeting.

| | | |
|------------------------|---|------------------|
| 1. Dr Alaka Deshpande | : | Chairperson |
| 2. Dr. Chander P Puri | : | Member |
| 3. Dr. A Bandivdekar | : | Member |
| 4. Dr. Abhijit De | : | Member |
| 5. Dr. Karuna Ramraje | : | Member |
| 6. Dr. Shirish Joshi | : | Member |
| 7. Dr. Ipseeta Ray | : | Member |
| 8. Shri. E A Patil | : | Member |
| 9. Shri. J C Sharma | : | Member |
| 10. Dr. Savita Shahani | : | Member Secretary |

Dr. Alaka Deshpande Chaired the meeting.

The following members had informed their inability to attend the meeting:

Dr. Prakash P. Doke
Dr. Smita Mahale
Dr. Raman P Yadav

Title of Research Project : Development and use of induced pluripotent stem cells (iPSCs) for Biomarker Discovery and Drug Screening in Breast Cancer

Principal Investigator : Dr. Suresh H Advani
Principal Investigator
Shushrut Hospital, Chembur

Research project was approved unanimously.

Title of Research Project :Use of induced pluripotent stem cells (iPSC) Technology for Biomarker Discovery and High-throughput Drug Screening to Predict Treatment Outcome in Patients with Ovarian Cancer

Principal Investigator : Dr. Suresh H Advani
Principal Investigator
Shushrut Hospital, Chembur

Research project was approved unanimously.

Title of Research Project :Use of induced pluripotent stem cells (iPSC) technology for Biomarker Discovery and High-throughput drug screening to predict treatment outcome in lung cancer patients

Principal Investigator : Dr. Suresh H Advani
Principal Investigator
Shushrut Hospital, Chembur

Research project was approved unanimously.

Title of Research Project :Use of induced pluripotent stem cells (iPSC) technology for Biomarker Discovery and High-throughput drug screening to predict treatment outcome in oral cancer patients

Principal Investigator : Dr. Suresh H Advani
Principal Investigator
Shushrut Hospital, Chembur

Research project was approved unanimously.

Title of Research Project :Development and use of induced pluripotent stem cells (iPSC) for Biomarker Discovery and Drug Screening in prostate Cancer

Principal Investigator : Dr. Suresh H Advani
Principal Investigator
Shushrut Hospital, Chembur

Research project was approved unanimously.

Title of Research Project : International network for Asia-Pacific Antimicrobial Stewardship

Principal Investigator : Dr. Divyashree S
MGM New Bombay Hospital, Vashi

Research project was approved unanimously.

Title of Research Project: Validation of an indigenously developed device for measuring stiffness of plantar tissue

Principal Investigator : Dr. Rajani Mullerpatan
Director, MGM School of Physiotherapy

Permission letter is required from concerned Physician participation in the study from MGM Hospital, Kamothe.

Modify the selection criteria as per as per WHO classification.

CRF to be modified as per suggestion

Protocol is approved subject to submission of changes as suggested.

Title of Research Project: Effect of drumstick leaf powder supplementation on Iron deficiency anaemia among school age children in selected Government Schools of Dadra and Nagar Haveli

PhD Scholar : Amar Alim Mulla
Subject : PhD Scholar (Nursing)

Test product may be given as add on therapy to conventional supplements

All grades of anaemia can be included

Basis for standardization of dose of test product for various age group to be provided

Appropriate permission for manufacturing food products to be obtained

Permission from appropriate authority should be obtained for conducting the study.

Revised protocol along with appropriate permissions may be submitted for review of project


Dr. Savita Sahani
(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 5th July 2019 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. Deepak Modi | : | Member |
| 3. Dr. Raman P Yadav | : | Member |
| 4. Dr. Ipseeta Ray | : | Member |
| 5. Dr. Rita Abbi | : | Member |
| 6. Dr. Savita Shahani | : | Member Secretary |

1. **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 |

Progress of study is satisfactory. Candidate was suggested that sample size may be recalculated based on the results of interim analysis.

2. **Title :** Isolation of multifunctional molecule from plant and its antidiabetesity potential

| | | |
|-------------|---|-------------------|
| PhD Student | : | Priyanka Rathod |
| Guide | : | Dr. Raman P Yadav |
| Subject | : | Biotechnology |

Progress of study is satisfactory. Candidate was suggested to use reverse phase to get a single peak and then can process for molecular identification and confirm whether active ingredient is a single molecule or a mix of molecules. Member suggested to use appropriate unit for enzyme inhibition. It was also suggested to detect if presence of contaminant in study product has any effect over the study.

3. **Title :** Associative role of MTHFR, PTB & TYMS6bpdel polymorphisms with reference to pre-term delivery

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

Candidate was suggested to put preeclampsia as a separate group. Members suggested that sample size may be recalculated based on background information. It was also suggested to standardize methodology, reconfirm the results.

4. **Title:** Studies on maternal colonization of group B streptococcus and its association with preterm deliveries, preeclampsia & still birth

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

Members suggested confirmation and explanation for unexpected results which were observed. Based on further characterisation of organism title of project may require modification.

5. **Title :** Comparative study of cytoarchitectue of fetal cerebrum of non-eclamptic and eclamptic mothers

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


Members suggested to look for if any association is observed between growth of brain cells with gender. Members suggested to focus on migration of cells and it can be expressed in terms of days on which changes are seen. It was suggested that if required sample size can't be achieved in stipulated time inclusion criteria may be made more broader.

-
6. **Title :** Isolation of plant derived efflux pump inhibitor and its drug susceptibility potential in *Plasmodium falciparum*

PhD Student : Chandana Kulkarni
Guide : Dr. Raman P Yadav
Subject : Biotechnology

Members suggested properties of efflux pump in bacteria vs plasmodia to see for their similarities and focus only on these two models. Plasmodia cell lines may be authenticated every 6 monthly. Members also suggested to use Daphnia model only for toxicity studies of the selected compound.

Note: Efforts could be made to publish PhD research work articles in authentic journals of PubMed, Scopus and Web of Science.


Dr. Savita Shahani
(Member Secretary)