

**Minutes of the first meeting of Executive Committee held on 23 Aug, 2024 at UP University of Medical Sciences, Saifai.**

Following faculty member of UPUMS attended the first meeting of EC, MRU on 23 Aug, 2024 in offline mode:-

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|--|-------------------------------|
| 1) Dr. Prabhat Kumar Singh, Vice Chancellor, UPUMS   | Chairperson                   |
| 2) Dr. Sushil Kumar Shukla,<br>Professor, Department of Community Medicine,<br>UPUMS, Saifai | Nodal Officer                 |
| 3) Dr. Savita Agarwal, Professor (Pathology)<br>UPUMS, Saifai                                | Expert from Paraclinical Dept |
| 4) Dr. Gagandeep Kaur, Associate Professor<br>Community Medicine                             | Expert from Pre-Clinical Dept |
| 5) Dr. Muniba Alim, Assistant Professor<br>Paediatric department                             | Expert from Clinical Dept     |

The first meeting of EC commenced with the welcome note by the Chairperson Prof. (Dr.) Prabhat Kumar Singh, Vice Chancellor, UPUMS, Saifai, to the other committee members. In the First meeting of EC, Dr. Sushil Kumar Shukla, Nodal Officer MRU, UPUMS briefed the EC about the new guidelines and role of executive committee for MRU. Dr. Sushil Kumar Shukla, Nodal Officer MRU stated that a total 12 projects have been submitted to MRU for funding (annexure 1), the committee will evaluate the projects before being put up in the next meeting of LRAC, and only EC recommended project will be discussed in the LRAC meeting.

**1.0. The following projects have been discussed and decision has been made**

- i) **Dr. Arun Kumar Yadav, Assistant Professor, Radiation Oncology**, UPUMS Saifai Etawah presented his Research Topic in front of committee for approval. His Topic for Research is **Exploring the Potential of microRNA-205 in blood and Saliva as a Biomarker for Head and Neck Squamous Cell Carcinoma: A pilot Study**. [Ref. no. P13/MRU/UPUMS/2024]

Dr. Arun Kumar Yadav has presented the objective of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on his topic. Dr. Arun Kumar Yadav stated the potentiality of microRNA-205 which is to be used as a prognostic biomarker for HNSCC. Investigators will check the sensitivity and specificity of microRNA in HNSCC, if found significant, it can be used as possible biomarker for diagnostic purposes. The committee asked how the quantification of microRNA will be done, the investigators responded that a stem loop PCR will be performed and based on CT calculated, the quantification can be done. He has also informed the committee members that the investigators will perform pilot study with 25 patients for their one-year research study. The committee suggested to include one more potential microRNA-let7a in the proposed study, and revised budget accordingly. The budget for this research project is Rs. ₹2,30,000/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

Handwritten signatures in blue ink, including a large signature on the left, and the names 'Gagan', 'Dr', and 'Muniba' written across the bottom.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

- ii) **Dr. Perna Kataria, Assoc. Professor, Dental Science, UPUMS, Saifai** presented his Research Topic in front of committee for approval. Her Topic for Research is **"Evaluation of Effect of Vitamin D as an adjunct to scaling and root planning on Alveolar Bone in Patients with osteoporosis and periodontitis by Assessing Vitamin D Binding Protein Concentration: A randomized Clinical Trials.** [Ref. no. P14/MRU/UPUMS/2024]

**Dr. Perna Kataria** has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on her topic. The committee stated that proposed study cannot be possible with osteoporosis patients, as the intake of Vitamin D prescribed as a treatment course during OPD visit, which may have direct impact on localised treatment for the proposed study. The committee suggested to include either osteoporotic or osteopenia patient for her study. She has also informed the committee members that the investigators will take 25 patients for their three-year proposed research study. The Committee asked to reduce the time interval for the proposed study. Executive committee also suggested that CTRI registration is mandatory for the clinical trials study. The investigators responded that the CTRI registration will be done after getting approval from LRAC. The budget for this research project is Rs. ₹1,74,115/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

- iii) **Dr. Rajesh Kumar Thakur, Dental Science, UPUMS, Saifai.** Presented his research topic **"Effect of Vitamin D Application on Endosseous implant integration and Crestal Bone Level: A randomized Controlled Clinical Trials.** [Ref. no. P15/MRU/UPUMS/2024]

**Dr. Rajesh Kumar Thakur** has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on his topic. Executive committee suggested that CTRI registration is mandatory for the clinical trials study. Committee also suggested to not include the instruments and consumable which are readily available at UPUMS for this study and reduced the proposed budget below 5 lakhs. He has also informed the committee members that the investigators will take 25 patients for their three-year proposed research study. The committed asked investigators to reduce the time period as the sample size is just 25. The budget for this research project is Rs. ₹5,61,525/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

The bottom of the page features four handwritten signatures in blue ink. From left to right, they appear to be: a stylized signature, a signature that reads 'Jagan', a signature that reads 'B', and a signature that reads 'M'. There are also some faint, illegible markings and lines around these signatures.

iv) **Dr. Pinky Pandey, Head of Department, Pathology, UPUMS, Saifai.** Presented her research topic Delineating the prevalence of isocitrate dehydrogenase mutations in patients with diffuse glioma to improve patient health care. [Ref. no. P16/MRU/UPUMS/2024]

**Dr. Pinky Pandey** has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on her topic. She informed committee that the investigators will enroll 100 patients of diffuse glioma for this study and period of study will be for 2 years. The budget for this research project is Rs. ₹5,00,000/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

v) **Dr. Alka Yadav, Assistant professor, Pathology, UPUMS, Saifai.** Presented her research topic Detection of Helicobacter Pylori: Comparison of Clinical, histopathological and Molecular techniques. [Ref. no. P17/MRU/UPUMS/2024]

**Dr. Alka Yadav** has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on her topic. The committee asked investigators to reframe the title of the project as it is not clear which H. Pylori is going to be identified through the aforesaid approaches. The budget for this research project is Rs. ₹2,00,000/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

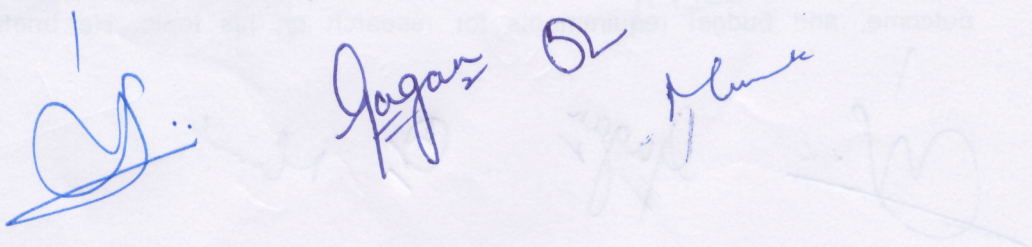
**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

vi) **Dr. Pinky Pandey, Head of Department, Pathology, UPUMS, Saifai.** Presented her research topic To study the efficacy of h-TERT immunohistochemistry as a potential surrogate marker in Gliomas. [Ref. no. P18/MRU/UPUMS/2024]

**Dr. Pinky Pandey** has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on her topic. She informed committee that the investigators will enroll 100 patients of glioma for this study and period of study will be for 2 years. The budget for this research project is Rs. ₹5,00,000/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

vii) **Dr. Sushil Kumar Shukla, Professor, Community Medicine, UPUMS, Saifai.** presented his research topic Assessment of potential NGS analysis-based precision therapy for patients with Head and Neck Squamous Cell Carcinoma. [Ref. no. P19/MRU/UPUMS/2024]



Dr. Sushil Kumar Shukla has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on his topic. Committee asked how NGS improve the treatment of HNSCC? The investigators responded that this study will enable the identification of disease-causing mutations, facilitates the discovery of new therapeutic targets, and provides the basis for personalised treatment plans. The approximate budget for this research project is Rs. ₹45,00,000/- (Consumable) and 2.5 Crore (non-consumable).

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

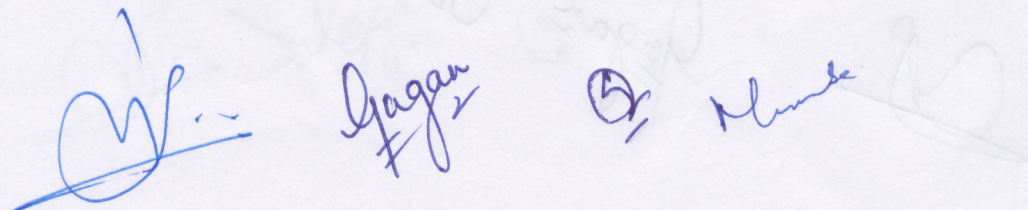
- viii) **Dr. Sanjay Kumar Kannaujia, Associate Professor, Pathology, UPUMS, Saifai.** Presented his topic "Study of expression of Her2/neu, P53, and ki67 in prostate cancer and its correlation with Histomorphological grade and serum PSA level: A diagnostic cross-sectional study in a rural tertiary care centre. [Ref. no. P20/MRU/UPUMS/2024]  
Dr. Sanjay Kumar Kannaujia has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on his topic. Dr. Kannaujia has informed the committee a total 80 samples will be processed for this study. The committee asked to recalculate the sample size based on sensitivity of the markers and revised the budget accordingly, if related studies available. The approximate budget for this research project is Rs. 1,80,000/- (Consumable). The committee also asked investigator to submit the detailed budget for consumable.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

- ix) **Dr. Shabana Andleeb Ansari, Associate Professor, Pathology, UPUMS, Saifai.** Presented her Topic Study of DLL4 and HIF2α in Gall Bladder Cancer and Correlation with Serum VEGF Level. [Ref. no. P21/MRU/UPUMS/2024]  
Dr. Shabana Andleeb Ansari has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on her topic. The committee also asked investigator to recalculate the sample size with the help of biostatistician and revised the budget accordingly. The approximate budget for this research project is Rs. 2,59,744/- (Consumable). The committee also asked investigator to submit the detailed budget for consumable.

**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

- x) **Dr. Alok Dixit, Professor and Head, Pharmacology, UPUMS, Saifai.** Presented his research topic A computational approach to discover promising drugs against the transforming growth factor-1β (TGF-1β), a key player accelerating tumor progression. [Ref. no. P22/MRU/UPUMS/2024]  
Dr. Alok Dixit has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on his topic. He briefed that the


  
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computation studies may help us to identify potential lead compounds (Drug repurposing; FDA approved) against TGF-1β, which further aids in ongoing trials studies. The committee asked if the antibody treatment for TGF-1β is available then why this study is so important. The investigators responded that Cancer cell has tendency to mutate itself overtime, and we should not rely on just a list of drugs, we should look for some other options which are affordable and minimal side effect. Investigator informed the committee that they will not require fund as the resources like bioinformatic workstation, software's are already available at MRU


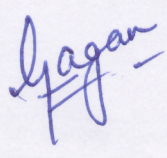
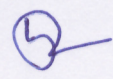
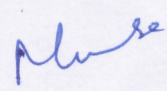
**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

- xi) **Dr Sonam Kushwaha**, Assistant Professor, Prevalence of Staphylococcus aureus along the milk value chain in District Etawah of western Uttar Pradesh. Towards a bottom-up understanding of antimicrobial resistance (AMR). [Ref. no. P23/MRU/UPUMS/2024]  
Dr Sonam Kushwaha has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on her topic. The committee asked to revised the project like an interventional study, as the prevalence-based study is not generally recommended at MRU. The approximate budget for this research project is Rs. 99,500/- (Consumable). The committee also asked investigator to submit the detailed budget for consumable.

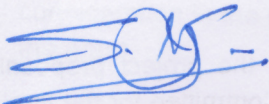
**Decision of Committee:** The committee recommended the project proposal for further consideration in the meeting of Local Research Advisory Committee for the final approval of the grant.

- xii) **Dr. Sanjeev Kumar Yadav, Assistant Professor, Pathology, UPUMS, Saifai.** Presented his topic HPV in Oral and Oropharyngeal Carcinoma: Molecular and Immunohistochemical profiling across Tumors and Lymph Nodes. [Ref. no. P24/MRU/UPUMS/2024]  
Dr. Sanjeev Kumar Yadav has presented the objectives of the study, rationale, hypothesis, methodology, outcome, and budget requirements for research on his topic. The approximate budget for this research project is Rs. 4, 00, 000/- (Consumable). The committee also asked investigator to submit the detailed budget year wise for consumable.

**Decision of Committee:** The committee approved the project proposal for further submission in the Department of Health Research, MoHFW, Govt. of India, New Delhi for the release of CCT and equipments grants.

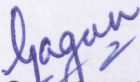
Meeting ended by the Chairperson -Executive committee of MRU with the vote of thanks to all



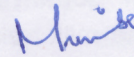
(Dr. Sushil Kumar Shukla)  
Nodal Officer/Member Secretary



(Dr. Savita Agarwal)  
Para-Clinical Expert



(Dr. Gagneep Kaur)  
Pre-Clinical Expert

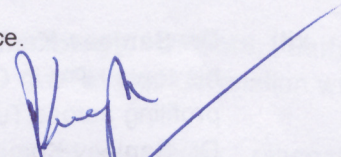


(Dr. Muniba Alim)  
Pre-Clinical Expert

Ref No. 64(1)/17/MRU/VPUMS/24-25

Date : 23 Aug, 2024

Copy to all above concern officer for information and necessary compliance.



(Dr. Prabhat Kumar Singh)  
Vice Chancellor, UPUMS and Chairperson-  
Executive committee, MRU

Encl:- As Above

**Enclosure 1.**

Sr. No	Title of Projects	Principal Investigators, Designation, Department	Budget	Duration
1	Exploring the Potential of microRNA-205 and micro RNA-let7a in blood and Saliva as a Biomarker for Head and Neck Squamous Cell Carcinoma: A pilot Study [P13/MRU/UPUMS/2024]	Dr. Arun Kumar Yadav, Assistant Professor, Radiation Oncology	2,30,000	1 year
2	Evaluation of Effect of Vitamin D as an adjunct to scaling and root planning on Alveolar Bone in Periodontitis Patients by Assessing Vitamin D Binding Protein Concentration: A randomized Clinical Trials. [P14/MRU/UPUMS/2024]	Dr. Prerna Kataria, Assoc. Professor, Dental Science	1,74,115	3 years
3	Effect of Vitamin D Application on Endosseous implant integration and Crestal Bone Level: A randomized Controlled Clinical Trials [P15/MRU/UPUMS/2024]	Dr. Rajesh Kumar Thakur, Professor, Dental Science	5,61,525	3years
4	Delineating the prevalence of isocitrate dehydrogenase mutations in patients with diffuse glioma to improve patient health care [P16/MRU/UPUMS/2024]	Dr. Pinki Pandey, Professor and Head. Pathology	5,00,000	2 years
5	Detection of gastric Helicobacter Pylori infection: Comparison of Clinical, histopathological and Molecular techniques [P17/MRU/UPUMS/2024]	Dr. Alka Yadav, Assistant Professor, Pathology	2,00,000	2 years
6	To study the efficacy of h-TERT immunohistochemistry as a potential surrogate marker in Gliomas [P18/MRU/UPUMS/2024]	Dr. Pinki Pandey, Professor and Head, Pathology	5,00,000	2 years
7	Assessment of potential NGS analysis-based precision therapy for patients with Head and Neck Squamous Cell Carcinoma [P19/MRU/UPUMS/2024]	Dr. Sushil Kumar Shukla, Professor, Community Medicine	45,00,000	2 years
8	Study of expression of Her2/neu, P53, and ki67 in	Dr. Sanjay Kannaujia, Assoc. Professor,	1,80,000	2 years

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	prostate cancer and its correlation with Histomorphological grade and serum PSA level: A diagnostic cross-sectional study in a rural tertiary care centre" [P20/MRU/UPUMS/2024]	Pathology		
9	Study of DLL4 and HIF2 $\alpha$ in Gall Bladder Cancer and Correlation with Serum VEGF Level [P21/MRU/UPUMS/2024]	Dr. Shabana Andleeb Ansari, Associate Professor, Pathology	2,59,744	2 years
10	A computational approach to discover promising drugs against the transforming growth factor-1 $\beta$ (TGF-1 $\beta$ ), a key player accelerating tumour progression [P22/MRU/UPUMS/2024]	Dr. Alok Dixit, Professor and Head, Pharmacology	Non-funded	1 year
11	Prevalence of Staphylococcus aureus along the milk value chain in District Etawah of western Uttar Pradesh. Towards a bottom-up understanding of antimicrobial resistance (AMR) [P23/MRU/UPUMS/2024]	Dr. Sonam Kushwaha, Assistant Professor, Community Medicine	99,500/-	1 year
12	HPV in Oral and Oropharyngeal Carcinoma: Molecular and Immunohistochemical profiling across Tumors and Lymph Nodes [P24/MRU/UPUMS/2024]	Dr. Sanjeev Yadav, Assistant Professor, ENT	4,00,000	2 years

