

Research

Projects undertaken so far and their status:

S. No.	Project Title	Status
1	Role of elevated levels of omega 6: omega 3PUFA ratio and Vit. D deficiency in obese metabolic syndrome; worksite based cross sectional study	completed
2	Identification and characterization of putative target valvular antigen as the marker of susceptibility of RF	Completed
3	Role of plasma level of s-RAGE in COPD patients a hospital-based case-control study	completed
4	To evaluate the prognostic impact of periprocedural change in hs-CRP and oxidative stress markers in predicting suboptimal coronary perfusion, and short term MACE among patients undergoing PCI in a tertiary hospital based prospective study	Completed
5	The levels of inflammatory cytokines in patients with RHD and its association with use of Benzathine Penicillin: a case-control pilot study.	completed

LRAC approved (INTRAMURAL PROJECTS)

S. No.	Project Title	Date of Start	status
1	Multi biomarkers based correlates of extent of colorectal cancer and their prognostic significance; Tertiary care hospital based prospective observational study"	July 2021	Ongoing
2	Evaluation of circulating plasma cells by flowcytometer in Multiple myeloma after therapy and testing the utility of new potential alternative gating markers Vs38, CD229 & CD319; tertiary care hospital based prospective observational study"	Dec. 2023	Ongoing
3	Molecular determinants of mitral valvular incompetence and mitral stenosis in patients with RHD, isolated mitral stenosis.; Tertiary care hospital based prospective case control study.	Dec. 2023	Ongoing

S.No.	Title	Funding agency	Status
1.	Impact of school health on behavioral intervention on awareness , practice pattern of health life style and cardio matabolic risk factor among school children of Shimla	ICMR	Completed
2	Role of sRAGE and oxidative stress as the prognostic markers in acute coronary syndrome	State Intramural Grant	completed
3.	High resolution plasma proteomic and lipidomic analyses for fibrosis related metabolic in dilated cardiomyopathy (DCM) patients in India	ICMR	completed
4.	Geoepidemiology of Lupus: Clinico-Serological update on Systemic Lupus Erythematosus (SLE) from India".	ICMR	ongoing
5	A study on Innate Immune Recognition Proteins and their role in Complement Activation among Lupus Nephritis (LN) patients from India.	ICMR	ongoing
6	To assess the response rate of Rosuvastatin on lipid profile in patients of highrisk group of coronary artery disease	State Intramural	Ongoing
7	Bone-biomarkers in osteoporosis due to COPD	State Intramural	Yet to start

Projects sponsored by other funding agencies but using MRU facilities:

Research Facilities

The Research Unit at IGMCM Shimla has dedicated working areas and is in the process of procuring project need based equipments which would help in achieving the objectives of MRU. The laboratory is currently being used for conducting research in the field of non communicable diseases. It supports both intramural and extramural projects under different clinical researchers/faculty of the institute. Moreover, the laboratory facilities are also being used by Post-graduate(MD/DM) students for carrying out their thesis related work.

Project Call

MRU Research Proposal format is here attached as annexure I/ IGMCM website. Project investigators are requested to submit the Softcopy of Research proposal to The Nodal officer MRU (Dr Jagdeep Thakur; drjagdeep.thakur@hp.gov.in) by or before 10th of every month till 10th march 2025.