

SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Minutes of the 87th Research Committee Meeting held on 11.05.2023 (Thursday) at 02:00 PM in the Committee Room, Guest House, SGPGI and 87th Research Sub-Committee Meeting held on 12.10.2023 (Thursday) at 03:00 PM in the Chamber of Dean, ADM. Block, SGPGI.

Research Committee Members:

1.	Director, SGPGI	Chairman
2.	Dean, SGPGI	Co-Chairman & Member
3.	Prof. Nuzhat Husain, Dean & Head, Dept. of Pathology, RMLIMS, Lucknow	External Member
4.	Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow	External Member
5.	Dr. A. B. Pant, Senior Scientist, CSIR-IITR, Lucknow	External Member
6.	Prof. Vikas Agarwal, Department of Clinical Immunology, SGPGI	Member
7.	Prof. Narayan Prasad, Head, Department of Nephrology, SGPGI	Member
8.	Prof. Vinita Agrawal, Department of Pathology, SGPGI	Member
9.	Dr. Kaushik Mandal, Additional Prof., Department of Medical Genetics, SGPGI	Member
10.	Dr. Durga P. Misra, Additional Prof., Dept. of Clinical Immunology, SGPGI	Member
11.	Dr. Manish Dixit, Additional Prof., Dept. of Nuclear Medicine, SGPGI	Member
12.	Dr. Ashish Kannaujia, Additional Prof., Dept. of Anesthesiology, SGPGI	Member
13.	Dr. Prabhakar Mishra, Additional Prof., Dept. of Biostatistics & Health Info., SGPGI	Member
14.	Dr. Alok Kumar, Additional Professor, Dept. of Mol. Med. & Biotech., SGPGI	Member
15.	Dr. C. P. Chaturvedi, Additional Prof. Dept. of Hematology (SCRC) & Faculty In-charge Research, SGPGI.	Member Secretary

The minutes of the 86th Research Committee meeting held on 01.12.2022 (Thursday) at 02:00 PM in the Committee Room, Guest House, SGPGI, were confirmed.

Chart of Final Score is attached at Annexure – I.


Minutes of Research Sub-Committee Meeting held on 12.10.2023, is attached at Annexure – II.

During the Research Committee Business meeting, it has been decided by the Chairman & members to start the two new awards. The newly instituted awards will be as follows:

- A. Award for Maximum number of Intramural Grants by a Department in a year.
- B. Award for Maximum Extramural Grant by a faculty in a year.

This may be placed before the upcoming Academic board meeting for its approval.


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Section (A)

Following New Intramural projects for consideration (2023 - 2025)

1. **A-01-PGI/IMP/87/2023** “Impact of Parathyroidectomy on Respiratory Function in Patients of Primary Hyperparathyroidism (PHPT) – A Prospective Cohort Study” submitted by **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,07,750=00 has been sanctioned after the approval by Research sub-committee.

2. **A-02-PGI/IMP/87/2023** “Association of Gut microbiota with the appearance of non-HLA antibodies and graft outcome in renal allograft recipients” submitted by **Prof. Narayan Prasad, PI, Dept. of Nephrology.** - present by – **Dr. Jeyakumar Meyappan**)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

3. **A-03-PGI/IMP/87/2023** “Gastroesophageal reflux disease after per oral endoscopic myotomy(POEM) at two-year follow-up” submitted by **Prof. Praveer Rai, PI, Dept. of Gastroenterology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned after the approval by Research sub-committee.

4. **A-04-PGI/IMP/87/2023** “Bone Health Assessment in patients of Prolactinoma” submitted by **Prof. Preeti Dabadghao, PI, Dept. of Endocrinology – for Dr. Vaibhav Singhal.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,93,560=00 has been sanctioned.

5. **A-05-PGI/IMP/87/2023** “Pituitary function after recovery from septic shock among ICU survivors: A Prospective, observational study”, submitted by **Prof. Subhash B Yadav, PI, Dept. of Endocrinology – presented by – Dr. Jayakrishnan).**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,47,885=00 has been sanctioned.

6. **A-06-PGI/IMP/87/2023** “Role of Maternal Soluble Neuropilin-1 and Placental Neuropilin-1 in Fetal Growth Restriction” submitted by **Dr. Neeta Singh, PI, Dept. of M.R.H.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

7. **A-07-PGI/IMP/87/2023** “Benefit of intermittently scanned Continuous Glucose Monitoring(isCGM) in Reducing Hypoglycemia among Older Adults with Type 2 Diabetes Mellitus on Insulin”, submitted by **Prof. Preeti Dabadghao, PI, Dept. of Endocrinology for Dr. Ambica Tondan.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.



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8. **A-08-PGI/IMP/87/2023** “Effect of oral bicarbonate therapy on disease progression, inflammatory markers and urinary klotho in Chronic Kidney Disease patients (Stage 3-4): A prospective observational cohort study” submitted by **Dr. Harshita Sharma, PI, Dept. of Nephrology – PI Dr. Anupama Kaul).**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

9. **A-09-PGI/IMP/87/2023** “Feasibility and acceptability of using Inter mittently Scanned Continuous Glucose Monitoring System Freestyle Libre (FSL) in patints under 18 years age with type 1 diabetes mellitus visiting a tertiary care hospital in North” submitted by **Prof. Preeti Dabadghao, PI, Dept. of Endocrinology – for DM student).**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

10. **A-10-PGI/IMP/87/2023** “Comparison of effect of variable peep on leakage and oxygenation using i-gel and LMA ® Protector – a parallel group trial” submitted by **Dr. Ruchi Verma, PI, Dept.of Anaesthesiology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,61,000=00 has been sanctioned.

11. **A-11-PGI/IMP/87/2023** “Early versus delayed removal of small caliber percutaneous intercostals drainage catheter and its correlation with infection in cases of acute haemothorax in level 1 trauma Centre: A Pilot Study” submitted by **Dr. Amit Kumar Singh, PI, Dept. of ATC. (₹4,05000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,05,000=00 has been sanctioned.

12. **A-12-PGI/IMP/87/2023** “Prospective Randomized Controlled Study Comparing the Diagnostic Yield of Cryo-Endobronchial Biopsy vx Forceps Endobronchial Biopsy in Patients Undergoing Endobronchial Ultrasound Guided Transbronchial Needle Aspiration for suspected Sarcoidosis”, submitted by **Dr. Ajmal Khan, Dept. of Pulmonary Medicine. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

13. **A-13-PGI/IMP/87/2023** “2-D gait analysis in patello-femoral pain syndrome: a prospective cross-sectional study” submitted by **Dr. Siddharth Rai, PI, Dept. of Physical Medicine & Rehabilitation, ATC.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,01,460=00 has been sanctioned.

14. **A-14-PGI/IMP/87/2023** “Evaluation of Diagnostic Performance of Type 2 Inflammatory Biomarkers Phenotyping Patients with Chronic Obstructive Pulmonary Disease”, submitted by **Dr. Mansi Gupta, PI, Dept. of Pulmonary Medicine.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,50,000=00 has been sanctioned.



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15. A-15-PGI/IMP/87/2023 "Investigation of autophagy regulation as a potential therapeutic approach in glioblastoma" submitted by **Dr. Lokendra K. Sharma, PI, Dept. of Molecular Medicine and Biotechnology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

16. A-16-PGI/IMP/87/2023 "To study the role of insulin resistance and decreased beta-cell function in ESRD for the prediction of new onset diabetes after transplantation (NODAT)" submitted by **Prof. Anupma Kaul, PI, Dept. of Nephrology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,33,000=00 has been sanctioned.

17. A-17-PGI/IMP/87/2023 "To study the impact of voluntary kidney donation on acid base balance", submitted by **Dr. Abdullah, PI, Dept. of Nephrology – PI – Dr. Manas Ranjan Behara.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

18. A-18-PGI/IMP/87/2023 "Correlation of arterial concentrations of dexmedetomidine with severity of catheter related bladder discomfort in male patients undergoing percutaneous Nephrolithotomy after receiving intravesical dexmedetomidine" submitted by **Dr. Divya Srivastava, PI, Dept. of Anaesthesiology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

19. A-19-PGI/IMP/87/2023 "Comparison of seroprevalence of hepatitis E virus IgG antibody among young men and women in India", submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

20. A-20-PGI/IMP/87/2023 "Evaluation of occult renal dysfunction using functional magnetic resonance imaging in patients with cirrhosis", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Pediatric Gastroenterology - for Dr. Srinivas Srinidhi Vadlapudi).**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

21. A-21-PGI/IMP/87/2023 "Evaluation of glycemic and metabolic control by continuous glucose monitoring in children with glycogen storage disease", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Pediatric Gastroenterology - for Dr. Arghya Samanta).**



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The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

22. A-22-PGI/IMP/87/2023 “Effect of three Months Daily Teriparatide Injection in Osteoporotic Intertrochanteric fractures: A Randomised Controlled Trial” submitted by **Dr. Kumar Keshav, PI, Dept. of ATC.**

The PI has withdrawn the above project.

23. A-23-PGI/IMP/87/2023 “Intraoperative indocyanine green (ICG) angiography for identifying posterior auricular and Stylomastoid artery as an anatomic landmark for facila nerve identification: A feasibility study” submitted by **Dr. M. Ravi Shankar, PI, Dept. of Neurosurgery (Neuro-otology).**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,50,000=00 has been sanctioned.

24. A-24-PGI/IMP/87/2023 “A pilot study of maintenance nivolumab after consolidation chemo radiation in partial responders to first line chemotherapy” submitted by **Prof. Sushma Agarwal, PI, Dept. of Radiotherapy.**

The Chairman Research Committee did not approve the above project and deferred for next Research Committee Meeting.

25. A-25-PGI/IMP/87/2023 “Correlation between Vitamin D level and outcomes of Transforaminal Epidural Steroid Injection in Lumbar Radiculopathy: A prospective observational study” submitted by **Dr. Sanjay Kumar, PI, Dept. of Anaesthesiology. (₹64,544)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 64,544=00 has been sanctioned.

26. A-26-PGI/IMP/87/2023 “A Study of intracranial vessel wall imaging and biomarkers in adults with primary angitis of the central nervous system”, submitted by **Dr. Vinita Elizabeth Mani, PI, Dept. of Neurology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

27. A-27-PGI/IMP/87/2023 “Comparison of preoxygenation with a high-flow nasal cannula and a simple anatomical mask before intubation during induction of general anaesthesia in patients undergoing surgery for cervical spine cord injury” submitted by **Dr. Prateek Singh Bais, PI, Dept. of Anaesthesiology.**

The PI has withdrawn the above project.



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28. A-28-PGI/IMP/87/2023 “Comparative evaluation of diagnostic and prognostic accuracy of Procalcitonin, CD64, Group II phospholipase A 2 and Human neutrophil lipocalin for adult sepsis and septic shock patients admitted in Emergency Department”, submitted by **Dr. Tanmoy Ghatak, PI, Dept. of Emergency Medicine.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

29. A-01-PGI/IMP/86/2022 “The Role of Plasminogen Activator Inhibitor 1 as a contributor to the pathogenesis of anti-phospholipid syndrome”, submitted by **Dr. Able Lawrence, PI, Dept. of Clinical Immunology and Rheumatology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

30. A-09-PGI/IMP/86/2022 “To assess the role of Next Generation Sequencing in detecting genomic alterations in advanced prostate cancer in Indian scenario”, submitted by **Dr. Sanjoy Kumar Sureka, PI, Dept. of Urology and Renal Transplantation. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

31. A-12-PGI/IMP/86/2022 “Comparison of the use of LMA Gastro Airway versus sedation and oxygen supplementation with nasal cannula in patients undergoing Endoscopic Retrograde Cholangiopancreatography: A Prospective Randomised Control Study”, submitted by **Dr. Suruchi, PI, Dept. of Anaesthesiology.**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,58,750=00 has been sanctioned.

32. A-19-PGI/IMP/86/2022 “To investigate the association of GWAS identified high risk variants with diabetic nephropathy in North Indian Population”, submitted by **Dr. Naveen Kumar Gautam, PI, Dept. of Urology and Renal Transplantation. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

Section (B)

To consider the request for 2nd Instalment of Intramural Grant:

1. “To Study the Role of Road of Food Supplementations, Including Probiotic Preparation VSL#3® in Reduction of Intestinal Permeability and Blood Endotoxins Level in Child B Cirrhosis”, submitted by **Dr. Gaurav Pande, PI, Dept. of Gastroenterology.**

The Chairman Research Committee approved the request for 2nd Instalment of Intramural Grant and a sum of Rs. 2,50,000=00 has been sanctioned after the approval by Research sub-committee.



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Section (C)

To consider the Annual Progress reports for the following intramural projects.

1. "To Assess the Clinico-Radiological, Urodynamic Outcome and Metabolic Effects of Surgical Detethering in patients of Spinal Dysraphism - A Prospective Study", submitted by **Dr. Ved Prakash Maurya, PI, Dept. of Neurosurgery.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

2. "Clinico-radiological and Immuno-histopathological characterization of eraniopharyngioma for risk stratification and development of a prognostic model", submitted by **Dr. Ved Prakash Maurya, PI, Dept. of Neurosurgery.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

3. "Incidence and etiology of diarrhea in critically ill adult patients-an observational study", submitted by **Dr. Banani Poddar, PI, Dept. of C.C.M.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

4. "Evaluating direct microbial identification and antimicrobial susceptibility testing for early diagnosis of blood stream infections: a step towards diagnostic stewardship", submitted by **Dr. Ujjala Ghoshal, PI, Dept. of Microbiology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

5. "Evaluation of Eosinophilic Inflammation in patients of Chronic Obstructive Pulmonary Disease", submitted by, **Dr. Mansi Gupta, PI, Dept. of Pulmonary Medicine.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

6. "Microparticles in peripheral blood in trauma patients", submitted by **Dr. Awale Rupali Bhalchandra, PI, Dept. of Laboratory Medicine, ATC.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

7. "Seroprevalance and cross-reactivity of different neglected tropical diseases in blood culture negative febrile patients in a tertiary care center: A descriptive study", submitted by **Dr. Sangram Singh Patel, PI, Dept. of Microbiology.**



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The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

8. "Antimicrobial susceptibility testing and molecular characterization of Minocycline and Omadacycline resistance" submitted by **Dr. Chinmoy Sahu, PI, Dept. of Microbiology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

9. "To study the effect of medical nutrition therapy to alleviate school time hyperglycemia and address glyemic outcomes in children with type 1 diabetes mellitus", submitted by **Dr. Siddhnath Sudhanshu, PI, Dept. of Endocrinology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

10. "Incidence and Prognostic Significance of Programmed Death Ligand-1 (PD-L1) Expression in Thyroid Carcinoma of Follicular Origin" submitted by **Dr. Anjali Misra, PI, Dept. of Endocrine Surgery.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

11. "Changes in metabolic effluents from coronary sinus as assessed by NMR: Comparison between St Thomas and Del Nido Cardioplegia solution along with their effect on Post CPB myocardial function" submitted by **Dr. Amit Rastogi, PI, Dept. of Anesthesiology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

Section (D)

To consider the Final Progress reports for the following intramural projects.

1. "Development of Predictive Markers for Maternal and Neonatal Health Through Investigation of Mitochondrial changes During Healthy Pregnancy (A Pilot Study)", submitted by **Dr. Lokendra Sharma, PI, Dept. of Molecular Medicine and Biotechnology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

2. "Targeting of Glioblastoma Stem Cells through modulation of mitochondrial mechanisms for developing effective Therapeutic Approaches", submitted by **Dr. Lokendra Sharma, PI, Dept. of Molecular Medicine and Biotechnology.**



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The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

3. "To Study the Phenotypic spectrum of a Cohort of Patients with Parry Romberg syndrome and to Identify the Copy – Number Variations by Cytogenetic Microarray", submitted by **Dr. Deepti Saxena, PI, Dept. of Medical Genetics.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

4. "Brain Ageing Research: role of Genetic Modified Extra Cellular Vesicles (EVs) in Modulation of Age Related Chronic Neuroinflammation and Neuronal Function", submitted by **Dr. Alok Kumar, PI, Dept. of Molecular Medicine and Biotechnology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

5. "Bone Health, Vitamin D Deficiency and its Replenishment in children Receiving Antiepileptic drugs", submitted by **Dr. Siddhnath Sudhanshu, PI, Dept. of Endocrinology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

6. "To Compare the Implementation of SGPGI enhanced recovery program including goal directed fluid therapy Vs standard therapy in major abdominal Surgeries", a randomized prospective study", submitted by **Dr. Sandeep Sahu, PI, Dept. of Anaesthesiology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

7. "Expression of Death and Survival Signals in Tuberculosis Meningitis: Correlation With Disease Severity and Outcome", submitted by **Dr. Jayantee Kalita, PI, Dept. of Neurology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.



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8. "Prospective Case Control Study of Objective Cardiac and Vascular Changes in Pheochromocytoma and Paraganglioma and Their Reversal Following Curative Surgery", submitted by **Dr. Roopali Khanna, PI, Dept. of Cardiology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The result of the study was presented in 17th BCAAES, March, 2020, Melbourne, Australia and the 49th WCISS held in Vienna, Austria on 14th August, 2022, the research work had been well appreciated in the International and national forums and won the Fujimoto First Prize and Dr. Selwyn Taylor Award for outstanding Research work in AsAES and ISS respectively. The committee appreciated and suggested the PI to submit a copy of manuscript to the Research Cell for its record.

9. "Evaluation of 1p and 19q Chromosome Status in Oligodendroglial Tumors", submitted by **Dr. Sushila Jaiswal, PI, Dept. of Pathology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

10. "Micro-RNA Mediated Regulation of Th17 and Treg Cells in Aplastic Anemia and their correlation with Immunosuppressive Therapy", submitted by **Dr. Ruchi Gupta, PI, Dept. of Hematology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

Section (E)

Notification of Extension/Additional grant/Transfer of project of the following Intramural Project.

1. "The Effect of Ketogenic Diet on Expression of P-Glycoprotein, HDAC and Microparticles in Childhood Refractory Epilepsy", submitted by **Dr. V. K. Paliwal, PI, Dept. of Neurology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **31.08.2022** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.08.2022 of the above project.

2. "Study of 24 Hours Glucose Profile in Patients with Gestational Diabetes", submitted by **Dr. Preeti Dabadghao, PI, Dept. of Endocrinology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **31.05.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.05.2023 of the above project.



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3. "Determination of cell of origin subtypes in diffuse large B cell Lymphoma by Immunohistochemistry and gene Expression", submitted by **Dr. Anshul Gupta, PI, Dept. of Hematology.**

Notification for transfer of above intramural project to **Dr. Khaliqur Rahman, PI, Dept. of Hematology,** granted by the Chairman Research Committee through file, without any extra money to complete the project work.

The Chairman Research Committee accorded approval for transfer of above intramural project to Dr. Khaliqur Rahman as PI, Dept. of Hematology, SGPGL.

4. "To study the effect of medical nutrition therapy to alleviate school time hyperglycemia and address glycemic outcomes in children with type 1 diabetes mellitus", submitted by **Dr. Siddhant Sudhanshu, PI, Dept. of Endocrinology.**

Notification for transfer of above intramural project to **Dr. Preeti Dabadghao, PI, Dept. of Endocrinology,** granted by the Chairman Research Committee through file, without any extra money to complete the project work.

The Chairman Research Committee accorded approval for transfer of above intramural project to Dr. Preeti Dabadghao, PI, Dept. of Endocrinology, SGPGL.

5. "Pharmacokinetics of Low-Dose Sofosbuvir in Dialysis-Dependent Patients With Hepatitis C Virus Infection", submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **31.05.2022** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.05.2022 of the above project.

6. "T-cell Profile and Metabolomic Signatures in Patients with Pulmonary Sarcoidosis and Lymph Node Tuberculosis", submitted by **Dr. Alok Nath, PI, Dept. of Pulmonary Medicine.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **31.08.2022** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.08.2022 of the above project.

7. "Evaluating the role of liquid chromatography-tandem mass spectrometry in therapeutic monitoring of methotrexate in acute Lymphoblastic Leukemia", submitted by **Dr. Naresh Kumar Tripathy, PI, Dept. of Hematology.**

Notification for extensions granted by the Chairman Research Committee through file for the above project upto **31.12.2022 (1st) and 31.01.2023 (2nd)** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the 1st extension upto 31.08.2022 and 2nd upto 31.01.2023 of the above project.



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8. "PDE-5 Inhibitor Tadalafil as Anti-Inflammatory and Antifibrotic agent for improving bladder Dynamics in cases of Posterior Urethral Valve", submitted by **Dr. M. S. Ansari, PI, Dept. of Urology & Renal Transplantation.**

Notification for extension granted by the Chairman Research Committee through file for the above project **upto 30.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 30.06.2023 of the above project.

9. "Detecting Long Non-coding RNA Biomarkers in Prostate Cancer Liquid Biopsies", submitted by **Dr. Sanjoy Kumar Sureka, PI, Dept. of Urology & Renal Transplantation.**

Notification for extension granted by the Chairman Research Committee through file for the above project **upto 30.04.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 30.04.2023 of the above project.

10. "To Evaluate the Role of Cell Free DNA in Gall Bladder Cancer as A Diagnostic", submitted by **Dr. Ashish Singh, PI, Dept. of Surgical Gastroenterology.**

Notification for extension granted by the Chairman Research Committee through file for the above project **upto 30.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 30.06.2023 of the above project.

11. "Effects of Catecholamine Excess on Glucose and fat Metabolism in Pheochromocytoma & Paraganglioma Patients and Their Reversal Following Surgical Cure: A Prospective Cohort Study", submitted by **Dr. Gaurav Agarwal, PI, Dept. of Endocrine Surgery.**

Notification for extension granted by the Chairman Research Committee through file for the above project **upto 14.12.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 14.12.2023 of the above project.

12. "Correlation of Oncogenic Viruses in Papillary Thyroid Carcinoma", submitted by **Dr. Gyan Chand, PI, Dept. of Endocrine Surgery.**

Notification for extension granted by the Chairman Research Committee through file for the above project **upto 24.12.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 24.12.2023 of the above project.

13. "Study The Effect of HPV Infection on Pregnancy Outcome", submitted by **Dr. Amrit Gupta, PI, Dept. of Maternal and Reproductive Health.**



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Director and Chairman Director



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LUCKNOW-226 014, INDIA**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **24.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 24.06.2023 of the above project.

14. "Development of Non-Invasive Biomarker for early diagnosis of clear cell renal cell carcinoma (ccRCC) and Identification Therapeutic Target for the Disease" submitted by **Dr. Naveen K. Gautam, PI, Dept. of Urology & Renal Transplantation.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **24.12.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 24.12.2023 of the above project.

15. "Randomized Trial of phacoemulsification versus laser peripheral Iridotomy in patients with Primary Angle Closure Disease", submitted by **Dr. Vaibhav K. Jain, PI, Dept. of Ophthalmology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **31.12.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.12.2023 of the above project.

16. "Role of Factor-H Related Proteins in Complement-3 Glomerulopathy", submitted by **Dr. Pallavi Prasad, PI, Dept. of Pathology.**

Notification for extensions granted by the Chairman Research Committee through file for the above project upto **30.06.2023 (1st)** and **31.12.2023 (IInd)** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the 1st extension upto 30.06.2023 and 2nd upto 31.12.2023 of the above project.

17. "Novel Synthetic Route of Precursor synthesis for (18F)-Ausimin PSMA PET Tracer: Chemistry Methodology Innovation", submitted by **Dr. Manish Dixit, PI, Dept. of Nuclear Medicine.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **24.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 24.06.2023 of the above project.

18. "Evaluation of Peripheral Blood Leukemic Stem Cells count and Leukemic Stem Cell/Normal Hemaopoietic Stem Cells Ratio as a Predictor of Tyrosine Kinase Inhibitor Response in Chronic Myeloid Leukemia", submitted by **Dr. Khaliqur Rahman, PI, Dept. of Hematology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **24.09.2023** without any extra money to complete the project work.



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The Chairman Research Committee accorded approval for the extension upto 24.09.2023 of the above project.

19. "To Assess the Clinico-Radiological, Urodynamic Outcome and Metabolic Effects of Surgical Detethering in patients of Spinal Dysraphism - A Prospective Study", submitted by **Dr. Ved Prakash Maurya, PI, Dept. of Neurosurgery.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto 31.12.2023 without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.12.2023 of the above project.

20. "Comparative Study of the Cytogenetic and Immunophenotypic Profile of Plasma Cells with Respect to serum free light Chain Assay in Plasma Cell Proliferative Disorders", submitted by **Dr. Manish K. Singh, PI, Dept. of Hematology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto 14.06.2023 without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 14.06.2023 of the above project.

21. "Serum Galactose-Deficient IgA1 as a Biomarker for Monitoring Disease Activity and Response to Therapy in IgA Nephropathy", submitted by **Dr. Monika Yachha, PI, Dept. of Nephrology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto 14.12.2023 without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 14.12.2023 of the above project.

22. "Role of Immunohistochemistry in Subtyping and Differentiating Progressive Familial Intrahepatic Cholestasis (PFIC) from other Causes of Pediatric Cholestatic Diseases", submitted by **Dr. Neha Nigam, PI, Dept. of Pathology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto 30.06.2023 (1st) and 30.09.2023 (IInd) without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the 1st extension upto 30.06.2023 and 2nd upto 30.09.2023 of the above project.

23. "Gut microbiota dysbiosis and small intestinal bacterial overgrowth in obese subject's vs lean subjects in relation to functional gastrointestinal disorders and other components of metabolic disorders: a case-control study", submitted by **Dr. U. C. Ghoshal, PI, Dept. of Gastroenterology.**

Notification for withdrawing of the above Intramural project due to resignation of contract faculty Dr. Anshuman Elhence, approved by the Chairman Research Committee through file.



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The Chairman Research Committee accorded approval for the withdrawing of the above Intramural project due to resignation of contract faculty Dr. Anshuman Elhence.

24. "Comparative Analysis of ⁶⁸Ga-PSMA PET/CT with ^{99m}Tc-PSMA Gamma Camera Imaging in Recurrent Carcinoma Prostate", submitted by **Dr. Manish Ora, PI, Dept. of Nuclear Medicine.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **24.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 24.06.2023 of the above project.

25. "Comparison of Cytotrophoblast Cell-Fusion Markers in Placenta of Early and Term Gestation (A Pilot Study)", submitted by **Dr. Santosh K. Verma, PI, Dept. of Molecular Medicine & Biotechnology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **14.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 14.06.2023 of the above project.

26. "Characterization of Circulating Microparticles in ANCA Vasculitis and their role in inducing endothelial injury and Glomerulonephritis", submitted by **Dr. Durga P. Misra, PI, Dept. of Clinical Immunology.**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **14.10.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 14.10.2023 of the above project.

27. "Generation of anti-CD19⁺ Chimeric Antigen Receptor (CD19⁺ CAR) T-cells and Evaluation of Cytotoxic Efficacy for Leukemic cells", submitted by **Dr. Kulwant Singh, PI, Dept. of Hematology (SCRC).**

Notification for extension granted by the Chairman Research Committee through file for the above project upto **31.08.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.08.2023 of the above project.



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86TH RESEARCH COOMMITTEE MEETING FINAL CHART HELD ON 01.12.2022

S. No.	Project Code	Name of the PI & Dept.	Title of the project	DR. A. A.	Dr. UCG	Dr. RKG	Dean	Dr. DPM	Dr. P. L.	Director	Dr. UG	Dr. P. M.	Dr. A. M	Dr. CPC	Total Score	AVG. Score Out Of 50	Budget Requested	Final Decision/Status
1	A-1	Dr. Able Lawrence, Clinical Immunology	The Role of Plasminogen Activator Inhibitor 1 as a contributor to the pathogenesis of anti-phospholipid syndrome	0	23	10	0	35	26	26	27	27	28	25	227	25.22	5,00,000	ASR
2	A-2	Dr. Aarti Agarwal, Anaesthesiology	Comparison of Sugammadex and Neostigmine for reversal of Vecuronium induced neuromuscular blockade in pediatric patients: A Prospective randomized study	24	31	15	0	32	38	32	32	37	30	28	299	29.9	3,97,600	Approved
3	A-3	Dr. Amita Aggarwal, PI, Dept. of Clinical Immunology and Rheumatology	Tofacitinib in Entesitis Related Arthritis Category of Juvenile Idiopathic Arthritis (JIA-ERA): Impact on pro-inflammatory mediators	0	39	30	0	50	45	42	36	31	40	39	352	39.11	4,35,000	Approved
4	A-4	Dr. M. Ravi Shankar, Neurosurgery -Neuro-otology	Secondary Autoimmune Ear Manifestations in Inflammatory Bowel Diseases: A Prospective Study	11	21	10	0	0	28	25	26	34	25	24	204	22.67	5,00,000	Rejected
5	A-5	Dr. Anshika Srivastava, Medical Genetics	Investigating the correlation between CAG repeat expansion and genomic wide transcription in Huntington Disease	23.5	31	20	0	37	38	32	36	36	36	31	321	32.05	5,00,000	Approved
6	A-6	Dr. Santosh Kumar Verma, Molecular Medicine & Biotechnology	Purinergic Receptors in trophoblast cell-fusion process	27.5	30	20	32	43	45	42	37	42	41	33	393	35.68	5,00,000	Approved
7	A-7	Dr. Awadhesh Kumar Jaiswal, Neurosurgery	Expression of programmed death-ligand 1 (PD-L1) in pituitary tumors	26	30	25	33	42	30	33	34	38	35	30	356	32.36	5,00,000	Approved
8	A-8	Dr. Prateek Singh Bais, Anaesthesiology	Comparison of Manual intermittent bolus versus continuous infusion of 0.2% Ropivacaine after ultrasound guided serratus anterior plane block for rib fractures	24	26	15	25	48	34	32	32	42	36	29	343	31.18	1,40,400	Approved
9	A-9	Dr. Sanjoy Kumar Sureka, Urology	To assess the role of Next Generation Sequencing in detecting genomic alterations in advanced prostate cancer in Indian scenario	16	25	10	0	46	28	34	26	36	25	24	270	27	5,00,000	ASR
10	A-10	Dr. Mansi Gupta, Pulmonary Medicine	Role of multiplex real time PCR assay in the diagnostics evaluation of granulomatous inflammation due to Tuberculosis															Withdraw
11	A-11	Dr. Indu Lata, M.R.H	To Study the Serum Metabolic markers as predictor of Gestational Diabetes Mellitus in first trimester of pregnancy in North Indian Population: a pilot study	15	32	15	18	48	30	35	28	41	29	29	320	29.09	5,00,000	Approved
12	A-12	Dr. Suruchi, Anaesthesiology	Comparison of the use of LMA Gastro Airway versus section and oxygen supplementation with nasal cannula in patients undergoing Endoscopic Retrograde	24	29	15	25	48	28	32	27	41	30	30	329	29.91	4,58,750	ASR
13	A-13	Dr. Amit Kumar, Orthopaedics, Apex Trauma Center	A Randomized controlled study for clinical evaluation of the synergistic effect of oral bisphosphonate with platelet-rich plasma in Knee osteoarthritis	20	24	10	10	26	26	35	27	38	31	32	279	25.36	2,89,000	Approved
14	A-14	Dr. Amit Kumar Singh, Apex Trauma Center	IL-18, Retinol binding protein (RBP), Hepcidin, KIM-1, Neutrophil Gelatinase-associated Lipocalin (NGAL): Diagnostic biomarkers for acute kidney injury in acute trauma patients	18	24	10	11	42	24	0	25	40	32	28	254	25.4	5,00,072	ASR+BR
15	A-15	Dr. Tanmay Ghatak, Emergency Medicine	Comparative evaluation of diagnostic and prognostic accuracy of Procalcitonin, CD64, Group II phospholipase A2 and Human neutrophil lipocalin for adult sepsis and septic shock patients admitted in Emergency Department	19	29	10	10	38	26	0	25	34	25	28	244	24.4	5,50,000	Rejected


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16	A-16	Dr. Sanjeev, Hematology	Flowcytometric Assessment of platelet activation in Patient with Sickle Cell Anemia	24	34	20	14	50	27	0	29	38	37	23	296	29.6	5,00,000	Approved		
17	A-17	Dr. Ruchi Gupta, Hematology	Functional Validation of the micro-RNAs involved in the pathogenesis of acquired Aplastic anemia	32	35	20	26	45	42	0	33	38	40	36	347	34.7	5,00,000	Approved		
18	A-18	Dr. Dinesh Chandra, Hematology	Standardization and validation of in-house methods for ASAMTS-13 and anti-CPH antibody	30	27	25	24	50	40	0	36	38	40	33	343	34.3	5,80,000	Approved		
19	A-19	Dr. Naveen Kumar Gautam, Urology	To investigate the association of GWAS identified high risk variants with diabetic nephropathy in North Indian Population	23	32	15	0	45	40	0	28	35	37	31	286	28.6	5,00,000	ASR		
20	A-20	Dr. Atul Sonkar, Transfusion Medicine	Characterization of human platelet derived exosomes and assessment of its impact on cell (human) proliferation (in-vitro)	25	32	15	0	0	27	0	0	34	35		168	28	5,00,000	Approved		
21	A-21	Dr. Ajmal Khan, Pulmonary Medicine	Prospective Randomized Controlled Study Comparing the Diagnostic Yield of Cryo-Endobronchial Biopsy vs Forceps Endobronchial Biopsy in Patients Undergoing Endobronchial Ultrasound Guided Transbronchial Needle Aspirations for	Absent															Withdraw	
22	A-22	Dr. Kumar Keshav, Orthopaedics, Apex Trauma Centre.	Effect of three months daily teriparatide injection in osteoporotic intertrochanteric fractures: A randomized controlled trial	Absent															Withdraw	
23	A-23	Dr. C. P. Chaturvedi, Hematology (SCRC)	Developing a pre-clinical murine model for aplastic anemia: A tool for studying the role of bone marrow mesenchymal stem cells in the pathobiology of aplastic anemia	34	34	25	36	50	42	0	37	42	40	0	340	37.78	5,00,000	Approved		
24	A-24	Dr. Rachna Agarwal, Ophthalmology	Evaluation of circulating Vascular Endothelial Growth Factors (VEGF), endothelial and platelet microparticles in orbital hemorrhagic disease and macular edema in Indian Patients.	As per the recommendation of the 85th Research Committee Project Code A-24, 25 and 26 has been resubmitted by the PI as per suggestion of the reviewers. The Committee members of 86th RCM agreed to approved the Project Code A-24, 25 and 26.															5,00,000	Approved
25	A-25	Dr. Ruchika Tandon, Neurology	Effect of Indian classical music on patients of parkinsonism and its comparison with Western music																4,96,000	Approved
26	A-26	Dr. Akanksha, PI, Dept. of Neonatology	Respiratory viral infections in a level 3 NICU of India: A Prospective observational study	As per the recommendation of the 85th Research Committee Project Code A-24, 25 and 26 has been resubmitted by the PI as per suggestion of the reviewers. The Committee members of 86th RCM agreed to approved the Project Code A-24, 25 and 26.															5,00,000	Approved
27	A-27	Dr. Sabaretnam M. Dept. of Endocrine Surgery	Role of pro-inflammatory markers in Thyroid Nodules-A pilot study in North Indian iodine deficient population																20	31

ASR: After Scientific revision review by Research Sub-committee (Approved by Chairman - Research Committee) copy attached BR: Budget Revision

1. Presentation of all the projects was done on 01.12.2022 in the Committee Room, Guest House, SGGGI.
2. Those projects which require scientific and budget revision have to be revised by the PI and submitted to the Research Cell within 10 days after received revision letter from Research Cell.
3. 27 New projects submitted by PIs, 3 PI were absent, rest out of 24 projects - 17 projects approved, 5 projects given scientific revision and 2 projects has been rejected due to insufficient score as per SOP rule.



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Prof. R. K. Dhimman
Chairman Research Committee
Director

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Minutes of the 85th Research Committee Meeting held on 04.04.2022 (Monday) at 02:00 PM in the Committee Room, Guest House, SGPGI and 85th Research Sub-Committee Meeting on 28.11.2022 (Monday) at 03:00 PM in the Chamber of Dean, ADM. Block, SGPGI.

Research Committee Members:

1.	Prof. R. K. Dhiman, Director, SGPGI	Chairman
2.	Prof. Aneesh Srivastava, Dean & HOD, Urology, SGPGI	Member
3.	Dr. Naibedya Chattopadhyay, Senior Scientist, CSIR-CDRI, Lucknow	Member
4.	Prof. Ravindra K. Garg, HOD, Neurology, KGMU, Lucknow	Member
5.	Prof. Saumen Hajra, CBMR, SGPGI-CAMPUS, Lucknow	Member
6.	Prof. Amita Aggarwal, HOD, Clinical Immunology, SGPGI	Member
7.	Prof. Punita Lal, HOD, Dept. of Radiotherapy, SGPGI	Member
8.	Prof. M. S. Ansari, Dept. of Urology, SGPGI	Member
9.	Prof. Anjali Mishra, Dept. of Endocrine Surgery, SGPGI	Member
10.	Prof. Ujjala Ghoshal, Head, Dept. of Microbiology, SGPGI	Member
11.	Prof. Swasti Tiwari, Head, Dept. of Molecular Med. & Biotech., SGPGI	Member
12.	Dr. Prabhakar Mishra, Dept. of Biostatistics & Health Info., SGPGI	Member
13.	Dr. Durga P. Misra, Dept. of Clinical Immunology, SGPGI	Member
14.	Dr. C. P. Chaturvedi, Assoc. Prof., Dept. of Hematology (SCRC), SGPGI	Member
15.	Prof. Uday C. Ghoshal, Head, Dept. of Gastroenterology & Faculty In-charge Research, SGPGI.	Member Secretary

Dr. Naibedya Chattopadhyay, Senior Scientist, CSIR-CDRI, Lucknow, could not attend the above meeting. Rest all members were present.

The minutes of the 84th Research Committee meeting held on 16.11.2021, were confirmed.

Chart of Final Score is attached at Annexure – I.



Minutes of Research Sub-Committee Meeting is attached at Annexure - II

General Discussion:

During the 85th Research Committee held on 04.04.2022, All above members proposed to increase budget limit from Rs. 5 lac to Rs. 10 Lac for intramural projects.

The Director & Chairman, Research Committee, has taken the option from Finance Officer, the Finance Officer has asked for placement the agenda to the Academic Board, Finance Committee and Governing Body of the Institute for Approval.


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Section (A)

Following New Intramural projects for consideration (2022 – 2024)

1. A-01-PGI/IMP/85/2022 “Pneumococcal vaccination in SLE: comparison of single dose versus sequential vaccine (Immunogenicity and impact on disease”, submitted by **Prof. Amita Aggarwal, PI, Clinical Immunology & Rheumatology. (₹ 4,75, 000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,75,000=00 has been sanctioned.

2. A-02-PGI/IMP/85/2022 “Randomized control trial of open versus closed endotracheal tube suctioning systems use in neonates on physiological outcomes”, submitted by **Dr. Anita Singh, PI, Dept. of Neonatology. (₹ 1,35,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 1,35,000=00 has been sanctioned after the approval by Research sub-committee.

3. A-03-PGI/IMP/85/2022 “Wrist vs ear pulse oximetry for neonates during resuscitation: A randomized controlled trail”, submitted by **Dr. Kirti Naranje, PI, Dept. of Neonatology. (₹ 4,97,168)**

The Chairman Research Committee did not approve the project and suggested for re-submission of the above project to the Research Cell for its placement in the next Research Committee Meeting.

4. A-04-PGI/IMP/85/2022 “Respiratory viral infections in a level 3 NICU of India: A Prospective observational study”, submitted by **Dr. Akanksha, PI, Dept. of Neonatology. (₹ 5,00,000)**

The Chairman Research Committee did not approve the project and suggested for re-submission of the above project to the Research Cell for its placement in the next Research Committee Meeting.

5. A-05-PGI/IMP/85/2022 “Can we improve detection of occult neurological changes in patients with hepatic Wilson disease”, submitted by **Dr. Moinak Sen Sharma, PI, dept. of Pediatric Gastroenterology. (₹ 5,00,000)**


The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.


6. A-06-PGI/IMP/85/2022 “A pilot study on the prevalence of cardiac sarcoidosis among the patients of systemic sarcoidosis by speckled tracing echocardiography, cardiac MRI and FDG-PET CT”, submitted by **Dr. Alok Nath, PI, Dept. of Pulmonary Medicine. (₹ 4,72,500)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,72,500=00 has been sanctioned after the approval by Research sub-committee.

7. A-07-PGI/IMP/85/2022 “Effect of Indian classical music on patients of parkinsonism and its comparison with Western music”, submitted by **Dr. Ruchika Tandon, PI, Dept. of Neurology. (₹ 4,96,000)**


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The Chairman Research Committee did not approve the project and suggested for re-submission of the above project to the Research Cell for its placement in the next Research Committee Meeting.

8. A-08-PGI/IMP/85/2022 “24 hours glucose profile and beta cell function in women with early gestational diabetes mellitus”, submitted by **Dr. Preeti Dabadghao, PI, Dept. of Endocrinology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

9. A-09-PGI/IMP/85/2022 “Evaluation of circulating Vascular Endothelial Growth Factors (VEGF), endothelial and platelet microparticles in orbital lymphaticovenous malformations in Indian Patients”, submitted by **Dr. Rachna Agarwal, PI, Dept. of Ophthalmology. (₹ 5,00,000)**

The Chairman Research Committee did not approve the project and suggested for re-submission of the above project to the Research Cell for its placement in the next Research Committee Meeting.

10. A-10-PGI/IMP/85/2022 “Status of BRCA gene in breast cancer”, submitted by **Dr. Sushila Jaiswal, PI, Dept. of Pathology. (₹ 13,84,877)**

The Chairman Research Committee did not approve the project due to upper limit of budget is only Rs. 5 Lacs and suggested for re-submission of the above project to the Research Cell with modified budget limit of Rs. 5 lacs.

11. A-11-PGI/IMP/85/2022 “Redefining ‘triple negative myeloproliferative neoplasm’ using targeted next generation sequencing”, submitted by **Dr. Khaliqur Rehman, PI, Dept. of Hematology. (₹ 10,35,000)**

The Chairman Research Committee did not approve the project due to upper limit of budget is only Rs. 5 Lacs and suggested for re-submission of the above project to the Research Cell with modified budget limit of Rs. 5 lacs.

12. A-12-PGI/IMP/85/2022 “New Xpert MTB/XDR assay: a prospective single centre pilot study”, submitted by **Dr. Richa Mishra, PI, Dept. of Microbiology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 1,35,000=00 has been sanctioned after the approval by Research sub-committee.

13. A-13-PGI/IMP/85/2022 “Production of 68-Gallium with medical Cyclotron via Solid targetry methodology and its usage to labeled clinical usable peptides for imaging”, submitted by **Dr. Manish Dixit, PI, Dept. of Nuclear Medicine. (₹ 5,00,000)**


The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

14. A-14-PGI/IMP/85/2022 “Next-Generation Sequencing for Genetic testing in Early-onset Steroid-resistant FSGS and Correlation with Ultrastructural Features”, submitted by **Prof. Vinita Agarwal, PI, Dept. of Pathology. (₹ 10,16,000)**


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The Chairman Research Committee did not approve the project due to upper limit of budget is only Rs. 5 Lacs and suggested for re-submission of the above project to the Research Cell with modified budget limit of Rs. 5 lacs.

15. A-15-PGI/IMP/85/2022 “Evaluation of techniques and outcome of Celiac Plexus Neurolysis by fluoroscopy, CT and Robot assisted CT guidance: Prospective Randomized comparative, Parallel trial”, submitted by **Dr. Chetna Shamsbery, PI Dept. of Anaesthesiology. (₹ 3,32,500)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,32,500=00 has been sanctioned after the approval by Research sub-committee.

Section (B)

To consider the Annual Progress reports for the following intramural projects.

1. “Serum Galactose-Deficient IgA1 as a Biomarker for Monitoring Disease Activity and Response to Therapy in IgA Nephropathy”, submitted by **Dr. Monika Yachha, PI, Dept. of Nephrology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

2. “Targeting of Glioblastoma Stem Cells through modulation of mitochondrial mechanisms for developing effective Therapeutic Approaches”, submitted by **Dr. Lokendra K. Sharma, PI, Dept. of Molecular Medicine & Biotechnology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

3. “Characterization of Circulating Microparticles in ANCA Vasculitis and their role in inducing endothelial injury and Glomerulonephritis”, submitted by **Dr. Durga P. Misra, PI, Dept. of Clinical Immunology & Rheumatology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

4. “To assess the clinic-radiological, urodynamic outcome and metabolic effects of surgical detethering in patients of spinal dysraphism-a prospective study”, submitted by **Dr. Ved Prakash Maurya, PI, Dept. of Neurosurgery.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

5. “Association of Metabolic Syndrome, Insulin Resistance, Inflammation and Oxidative Stress with Protein energy wasting in pre-dialysis Chronic Kidney Disease Patients (Stages 2 to 5)”, submitted by **Dr. Anita Saxena, PI, Dept. of Nephrology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.


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6. "Clinical, Radiological Histopathological Characterization of Medulloblastoma Consensus and its application in Molecular Subgroup-based Risk-Adjusted Therapy", submitted by **Dr. Kamlesh Singh Bhaisoru, PI, Dept. of Neurosurgery.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

7. "To Evaluate the Role of Cell Free DNA in Gall Bladder Cancer As A Diagnostic", submitted by **Dr. Ashish Singh, PI, Dept. of Surgical Gastroenterology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

8. "PDE-5 Inhibitor Tadalafil as Anti-Inflammatory and Antifibrotic agent for improving bladder Dynamics in cases of Posterior Urethral Valve", submitted by **Prof. M. S. Ansari, PI, Dept. of Urology and Renal Transplantation.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

9. "Therapeutic Application of the $^{64}\text{CuCl}_2$ an Auger Electron-emitting PET Agent in Recurrent High-Grade Brain Tumors", submitted by **Prof. Sanjay Gambhir, PI, Dept. of Nuclear Medicine.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

10. "Novel Synthetic Route of Precursor synthesis for (18F)-Ausimin PSMA PET Tracer: Chemistry Methodology Innovation", submitted by **Dr. Mansih Dixit, PI, Dept. of Nuclear Medicine.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

11. "Effects of Catecholamine Excess on Glucose and fat Metabolism in Pheochromocytoma & Paraganglioma Patients and Their Reversal Following Surgical Cure: A Prospective Cohort Study", submitted by **Prof. Gaurav Agarwal, PI, Dept. of Endocrine Surgery.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.


12. "Does Use of a Dural Sealant during endoscopic endonasal repair of dural defect prevent Cerebrospinal Fluid (CSF) Leak", submitted by **Prof. Awadhesh K. Jaiswal, PI, Dept. of Neurosurgery.**


The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

13. "To Compare the Implementation of SGPGI enhanced recovery program including goal directed fluid therapy Vs standard therapy in major abdominal Surgeries - a randomized prospective study", submitted by **Prof. Sandeep Sahu, PI, Dept. of Anaesthesiology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.


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14. "Role of Factor-H Related Proteins in Complement-3 Glomerulopathy", submitted by **Dr. Pallavi Prasad, PI, Dept. of Pathology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

15. "Role of IL-6 and IL-17 in the fibroblast derived from Chronic Antibody mediated Rejection (CABMR) in renal allograft Recipient", submitted by **Dr. Narayan Prasad, PI, Dept. of Nephrology.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

16. "Comparison of Cytotrophoblast Cell-Fusion Markers in Placenta of Early and Term Gestation", submitted by **Dr. Santosh Kumar Verma, PI, Dept. of Molecular Medicine & Biotechnology.** (Request for 6 months extension with additional grant)

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory. The Research Sub-committee did not approve the extra budget request of Rs. 2,25,000.

17. "Detecting long non-coding RNA biomarkers in prostate cancer liquid biopsies", submitted by **Dr. Sanjoy Kumar Surekha, PI, Dept. of Urology and Renal Transplantation.**

The Research sub-committee has reviewed the annual report submitted by the PI. The progress on the above project was found to be satisfactory.

Section (C)

To consider the Final Progress reports for the following intramural projects.

1. "Assessment of Selenium Deficiency in Gluten-Free Diet in Patients with Celiac Disease", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Pediatric Gastroenterology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

2. "Validation of Hi-Screen test for COVID-19 developed at SGPPI", submitted by **Prof. Swasti Tiwari, PI, Dept. of Molecular Medicine & Biotechnology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

3. "Evaluation of Peripheral blood dendritic cell subset count as a potential biomarker for classic Hodgkin Ly", **Dr. Khaliqur Rehman, PI, Dept. of Hematology.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.



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4. "Incidence and Prognostic Significance of Androgen Receptors (AR) in Indian Triple Negative Breast Cancer (TNBC)", **Dr. Anjali Mishra, PI, Dept. of Endocrine Surgery.**

The Research sub-committee has reviewed the final report submitted by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

Section (C)

Notification of Extension or additional grant of the following Intramural Project.

1. "T-cell Profile and Metabolomic Signatures in Patients with Pulmonary Sarcoidosis and Lymph Node Tuberculosis", submitted by **Dr. Alok Nath, PI, Dept. of Pulmonary Medicine. (01.03.2019 to 28.02.2021)** 2nd and final extension granted till 31.08.2022 without any extra money to complete the project work.

Notification of 2nd and final extension granted by the Chairman Research Committee through file for the above project **upto 31.08.2022** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the six months extension (2nd and final) upto 31.08.2022 and noted the extension of the above project.

2. "Pharmacokinetics of Low-Dose Sofosbuvir in Dialysis-Dependent Patients With Hepatitis C Virus Infection", submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology. (01.03.2019 to 28.02.2021)**

Notification of 2nd and final extension granted by the Chairman Research Committee through file for the above project **upto 31.05.2022** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the three months extension (2nd and final) upto 31.05.2022 and noted the extension of the above project.

3. "Determination of Myositis Specific and Myositis Associated Antibody Profiles of Indian Myositis Patients Using the Immunoprecipitation Assay", submitted by **Dr. Vikas Agarwal, PI, Dept. of Clinical Immunology. (01.03.2019 to 28.02.2021)**

Notification of 2nd and final extension granted by the Chairman Research Committee through file for the above project **upto 28.02.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the one-year extension (2nd and final) upto 28.02.2023 and noted the extension of the above project.

4. "Evaluation of the Prevalence of Invasive Aspergillosis and Optimal Duration of Anti-fungal Therapy in Acute Leukemia Patients Using Quantitative Galactomannan Antigen and Aspergillus DNA Assays", submitted by **Dr. Naresh Tripathy, PI, Dept. of Hematology. (15.02.2019 to 14.02.2021)**

Notification of 2nd and final extension granted by the Chairman Research Committee through file for the above project **upto 28.02.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the one-year extension (2nd and final) upto 28.02.2023 and noted the extension of the above project.



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5. "To Study the Role of Role of Food Supplementations, Including Probiotic Preparation VSL#3® in Reduction of Intestinal Permeability and Blood Endotoxins Level in Child B Cirrhosis", submitted by **Dr. Gaurav Pande, PI, Dept. of Gastroenterology. (01.03.2019 to 28.02.2021)**

Notification of 2nd and final extension granted by the Chairman Research Committee through file for the above project **upto 31.12.2022** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension (2nd and final) upto 31.12.2022 and noted the extension of the above project.

6. "Determination of cell of origin subtypes in diffuse large B cell Lymphoma by Immunohistochemistry and gene Expression", submitted by **Dr. Anshul Gupta, PI, Dept. of Hematology. (15.10.2020 to 14.10.2022)**

Notification for the transfer of above project from Dr. Anshul Gupta to Dr. Khaliqur Rehman as PI, granted by the Chairman Research Committee through file.

The Chairman Research Committee accorded approval for the transfer of above project from Dr. Anshul Gupta to Dr. Khaliqur Rehman as Principal Investigator.

7. "Study of 24 Hours Glucose Profile in Patients with Gestational Diabetes", submitted by **Dr. Preeti Dabadghao, PI, Dept. of Endocrinology. 01.09.2019 to 31.08.2021)**

Notification of 2nd and final extension granted by the Chairman Research Committee through file for the above project **upto 31.05.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension (2nd and final) upto 31.05.2023 and noted the extension of the above project.

8. "Evaluating the role of liquid chromatography-tandem mass spectrometry in therapeutic monitoring of methotrexate in acute Lymphoblastic Leukemia", submitted by **Dr. Naresh Tripathy, PI, Dept. of Hematology. (15.10.2020 to 14.10.2022)**

Notification of 1st extension granted by the Chairman Research Committee through file for the above project **upto 31.01.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the 1st extension upto 31.01.2023 and noted the extension of the above project.

9. "Role of Factor-H Related Proteins in Complement-3 Glomerulopathy", submitted by **Dr. Pallavi Prasad, PI, Dept. of Pathology. (25.12.2020 to 24.12.2022)**


Notification of 1st extension granted by the Chairman Research Committee through file for the above project **upto 30.06.2023** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the 1st extension upto 30.06.2023 and noted the extension of the above project.

10. "Evaluation of TGF-β Induced canonical and Non-canonical fibrotic pathways in fibroblasts derived from Stricture Esophagus", submitted by **Dr. Latika Gupta, PI, Dept. of Clinical Immunology. (25.12.2020 to 24.12.2022)**

Notification for the transfer of above project from Dr. Latika Gupta to Dr. Vikas Agarwal as PI, granted by the Chairman Research Committee through file.


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The Chairman Research Committee accorded approval for the transfer of above project from Dr. Latika Gupta to Dr. Vikas Agarwal as Principal Investigator.

11. "The Effect of Ketogenic Diet on Expression of P-Glycoprotein, HDAC and Microparticles in Childhood Refractory Epilepsy", submitted by **Dr. V. K. Paliwal, PI, Dept. of Neurology. (01.09.2019 to 31.08.2021)**

Notification of 1st extension granted by the Chairman Research Committee through file for the above project upto **31.08.2022** without any extra money to complete the project work.


The Chairman Research Committee accorded approval for the 1st extension upto **31.08.2022** and noted the extension of the above project.



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Minutes of the 84th Research Committee Meeting held on 16.11.2020 (Tuesday) at 03:00 PM in the Committee Room, Guest House, SGPGI and 84th Research Sub-Committee Meeting on 07.02.2022 (Monday) at 04:30 PM in the Chamber of Dean, ADM. Block, SGPGI.

Research Committee Members:

1.	Director, SGPGI	Chairman
2.	Dean, SGPGI	Member
3.	Prof. Tapas K. Kundu, Director, CSIR-CDRI, Lucknow	Member
4.	Prof. Ravindra K. Garg, HOD, Dept. of Neurology, KGMU, Lucknow	Member
5.	Prof. Saumen Hajra, CBMR, SGPGI-CAMPUS, Lucknow	Member
6.	Prof. Amita Aggarwal, Head, Dept. of Clinical Immunology, SGPGI	Member
7.	Prof. Punita Lal, Head, Dept. of Radiotherapy, SGPGI	Member
8.	Prof. M. S. Ansari, Dept. of Urology and Renal Transplantation, SGPGI	Member
9.	Prof. Anjali Mishra, Dept. of Endocrine Surgery, SGPGI	Member
10.	Prof. Ujjala Ghoshal, Head, Dept. of Microbiology, SGPGI	Member
11.	Prof. Swasti Tiwari, Head, Dept. of Molecular Med. & Biotech., SGPGI	Member
12.	Dr. Prabhakar Mishra, Dept. of Biostatistics & Health Info., SGPGI	Member
13.	Prof. Uday C. Ghoshal, Head, Dept. of Gastroenterology & Faculty In-charge Research, SGPGI.	Member Secretary
14.	Dr. C. P. Chaturvedi, Assoc. Prof., Dept. of Hematology (SCRC), SGPGI Assist. Faculty In-charge Research, SGPGI.	Convener

Dr. Tapas K. Kundu, Director, CSIR-CDRI, Lucknow, could not attend the above meeting and Dr. Amit Goel, Dept. of Gastroenterology, SGPGI, also could not attend the above meeting & request to withdraw their name from member of Research committee. Rests all members were present.

The minutes of the 83rd Research Committee meeting held on 10.06.2021, were confirmed.

General Discussion:

Since, a few young faculties (Assistant Professors) have joined the Institute on contractual basis and they need an initial support to boost their Research. The Research Cell here by proposes that they may be allowed to submit Intramural project for funding with mentorship of a regular faculty member of any rank. (Assist. Associate, Additional and Professor) with in the same department. It is needless to mention as per rules of the Institute fund will be released only to the regular faculty member for such work. The contractual faculty member will have the following responsibilities under the guidance of the regular faculty member under whose mentorship the project will be submitted:

1. Drafting the study proposal.
2. Presentation of the study to the Research Committee Meeting.
3. Modification of the study if needed.
4. Requisition of the study and conduction for study.



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5. Submitting the scientific report and paper publication.

Responsibility of the regular faculty members:

1. Mentoring the young faculty, scientific input and guidance.
2. Financial transaction.
3. Ethical Clearance.
4. Final utilization certificate report.

The regular faculty (mentor) will work in close collaboration with the contractual faculty.

2. Dr. Amit Goel, Dept. of Gastroenterology, SGPGI, Research committee member of the Institute has requested to withdraw their name from the list of the members of the Research committee due to lot of engagement in the other institute activities.

Section (A)

Following New Intramural projects for consideration (2021 – 2023 and 2022 - 2024)

1. **A-1-PGI/IMP/84/2021** “Effect of Pneumatic Transport System on coagulation Indices of patients with sepsis A Comparative Validation study in a multispecialty ICU of a tertiary care hospital”, submitted by **Dr. Rudrashish Haldar, PI, Dept. of Anaesthesiology.** (₹ 1,01,800)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 1,01,800=00 has been sanctioned.

2. **A-2-PGI/IMP/84/2021** “Multiparametric Magnetic Resonance Imaging For Bladder Cancer (VIRADS) – Validation in The Indian Population”, submitted by **Dr. U. P. Singh, PI, Dept. of Urology and Renal Transplantation.** (₹ 1,00,000)

The PI has withdrawn their project.

3. **A-3-PGI/IMP/84/2021** “Incidence and Etiology of Diarrhea in Critically ill Adult Patients – An Observational Study”, submitted by **Prof. Banani Poddar, PI, Dept. of C.C.M.** (₹ 2,95,663)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,95,663=00 has been sanctioned.

4. **A-4-PGI/IMP/84/2021** “Standardization of Real-time PCR on Blood and BAL For Improving The Diagnosis of Invasive Pulmonary Aspergillosis”, submitted by **Dr. Zia Hashim, PI, Dept. of Pulmonary Medicine.** (₹ 5,00,000)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.



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5. **A-5-PGI/IMP/84/2021** “Analysis of Caudate Erythrocyte membrane proteins and correlation with disease severity in Hereditary Spherocytosis”, submitted by **Dr. Jalaj Gupta, PI, Dept. of Hematology (SCRC)**. (₹ 5,00,000)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

6. **A-6-PGI/IMP/84/2021** “Investigating the Role of Macrophage Inhibitory Protein-1alpha (MIP-1 α) in Telomere Shortening in the Bone Marrow Mesenchymal Stem of Acquired Aplastic Anemia Patients”, submitted by **Dr. C. P. Chaturvedi, PI, Dept. of Hematology (SCRC)**. (₹ 5,00,000)

The PI has withdrawn their project.

7. **A-7-PGI/IMP/84/2021** “Microparticles in Peripheral Blood in Trauma Patients”, submitted by **Dr. Awale Rupali Bhalchandra, PI, Dept. of Apex Trauma Centre**. (₹ 4,97,240)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,97,240=00 has been sanctioned.

8. **A-8-PGI/IMP/84/2021** “Clinico-radiological and Immuno-histopathological Characterization of Craniopharyngioma for Risk Stratification and Development of a Prognostic Model”, submitted by **Dr. Ved Prakash Maurya, PI, Dept. of Neurosurgery**. (₹ 4,47,000)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,47,000=00 has been sanctioned.

9. **A-9-PGI/IMP/84/2021** “Efficacy of Covid Vaccination among CKD non Dialysis Dependant Patients (eGFR 15-60 ml/1.73m²)”, submitted by **Dr. Anupma Kaul, PI, Dept. of Nephrology**. (₹ 5,00,000)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

10. **A-10-PGI/IMP/84/2021** “Antimicrobial Susceptibility Testing and Molecular Characterization of Minocycline and Omadacycline Resistance”, submitted by **Dr. Richa Sinha, Co-Investigator, under Dr. Chinmoy Sahu, PI, Dept. of Microbiology**. (₹ 5,00,000)

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

11. **A-11-PGI/IMP/84/2021** “Evaluating Direct Microbial Identification and Antimicrobial susceptibility testing for early diagnosis of Blood Stream Infections: A Step Towards Diagnostic Stewardship”, submitted by **Dr. Nidhi Tejan, Co-Investigator, under Prof. Ujjala Ghoshal, PI, Dept. of Microbiology**. (₹ 5,00,000)



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12. **A-12-PGI/IMP/84/2021** “Establishment & Evaluation of the Technique for Investigating Drug Induced Auto Immune Hemolytic Anemia”, submitted by **Dr. Prashant Agarwal, PI, Dept. of Transfusion Medicine. (₹ 4,20,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,20,000=00 has been sanctioned.

13. **A-13-PGI/IMP/84/2021** “Serum Calprotin as a Diagnostic marker of Intraheptic Cholestasis of Pregnancy”, submitted by **Dr. Sangeeta Yadav, PI, Dept. of Maternal & Reproductive Health. (₹ 3,10,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,10,000=00 has been sanctioned.

14. **A-14-PGI/IMP/84/2021** “Incidence and Prognostic Significance of Programmed Death Ligand-1 (PD-L1) Expression in Thyroid Carcinoma of Follicular Origin”, submitted by **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery. (₹ 3,10,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,10,000=00 has been sanctioned.

15. **A-15-PGI/IMP/84/2021** “Quality Control of Fresh Frozen Plasma Using Plasma Sample Taken from Segment”, submitted by **Dr. Dheeraj Khetan, PI, Dept. of Transfusion Medicine. (₹ 3,40,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,40,000=00 has been sanctioned.

16. **A-16-PGI/IMP/84/2021** “Expression of Mismatch Repair (MMR) Protein in Glioma”, submitted by **Dr. Sushila Jaiswal, PI, Dept. of Pathology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

17. **A-17-PGI/IMP/84/2021** “Quantitative and Qualitative assessment of RNA from Archived FFPE Tissues to Investigate its suitability for Next Generation Sequencing”, submitted by **Dr. Raghavendra L., PI, Dept. of Pathology. (₹ 4,80,000)**

The PI has withdrawn their project.

18. **A-18-PGI/IMP/84/2021** “Utility of Urinary Mitochondrial DNA in Predicting the Immediate Versus Delayed Graft Function in Live Related Renal Allograft Recipient”, submitted by **Dr. Ravi Shankar Kushwaha, PI, Dept. of Nephrology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.



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19. **A-19-PGI/IMP/84/2021** “Detection of *Campylobacter spp.* using Rapid antigen test and a multiplex PCR among Children and Adolescents less than 18 years from stool samples with Acute Diarrhoeal Disease in a Tertiary Care Hospital”, submitted by **Dr. Mugunthan M. under Prof. Ujjala Ghoshal, PI, Dept. of Microbiology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

20. **A-20-PGI/IMP/84/2021** “Study of Programmed Death Ligand-1 (PDL-1) Expression and its Role as a Predictive Biomarker in Esophageal Carcinoma”, submitted by **Dr. Pallavi Prasad, PI, Dept. of Pathology. (₹ 3,30,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,30,000=00 has been sanctioned.

21. **A-21-PGI/IMP/84/2021** “Generation of iPSC –derived HLA Negative Hematopoietic Stem Cells: A step Towards Treatment of Aplastic Anemia”, submitted by **Dr. Vinod Verma, PI, Dept. of Hematology (SCRC). (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

22. **A-22-PGI/IMP/84/2021** “Gut microbiota dysbiosis and small intestinal bacterial overgrowth in obese subjects vs lean subjects in relation to functional gastrointestinal disorders and other components of metabolic disorders: a case-control study”, submitted by **Dr. Anshuman Elhence under Prof. U. C. Ghoshal, Dept. of Gastroenterology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

To consider the Annual Progress reports for the following intramural projects.

1. “Correlation of oncogenic Viruses in Papillary Thyroid Carcinoma”, submitted by **Prof. Gyan Chand, PI, Dept. of Endocrine Surgery. - Request for extension.**

The annual progress report was reviewed by the Research sub-committee. The progress on the above project was found to be satisfactory.

2. “Evaluating the Role of Liquid Chromatography-Tandem Mass Spectrometry in Therapeutic Monitoring of Methotrexate in Acute Lymphoid Leukemia”, submitted by **Dr. Naresh K. Tripathi, PI, Dept. of Hematology. (Oct, 2020 – Oct, 2022)**



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The annual progress report was reviewed by the Research sub-committee. The progress on the above project was found to be satisfactory.

3. "Incidence and Prognostic Significance of Androgen Receptors (AR) in Indian Triple Negative Breast Cancer (TNBC)", submitted by **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery. (01.09.2019 – 31.08.2021)**

The annual progress report was reviewed by the Research sub-committee. The progress on the above project was found to be satisfactory.

4. "Generation of anti-CD19+ Chimeric Antigen Receptor (CD19+ CAR) T-cells and Evaluation of Cytotoxic Efficacy for Leukemic Cells", submitted by **Dr. Kulwant Singh, PI, Dept. of Hematology (SCRC).**

The annual progress report was reviewed by the Research sub-committee. The progress on the above project was found to be satisfactory.

5. "Role of mitochondrial dynamics proteins (Fusion and Fission) in north Indian Colorectal Cancer patients", submitted by **Prof. Ashok Kumar, PI, Dept. of Surgical Gastroenterology. (15.12.2020 – 14.12.2022)**

The annual progress report was reviewed by the Research sub-committee. The progress on the above project was found to be satisfactory.

6. "Role of circulating tumour DNA EGFR mutations in Disease monitoring of Non-small-cell Lung Carcinoma" submitted by **Dr. Raghvendra L, PI, Dept. of Pathology. (01.09.2019 to 31.08.2021)**

The annual progress report was reviewed by the Research sub-committee. The progress on the above project was found to be satisfactory.

To consider the Final Progress reports for the following intramural projects.

1. "Effect of Aplastic Anemia Bone marrow Mesenchymal Stem Cell Derived Extramural Vesicles on Hematopoietic Stem Cells", submitted by **Dr. C. P. Chaturvedi (Transfer from Prof. Soniya Nityanand), PI, Dept. of Hematology. (01.07.2018 – 30.06.2020)**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

2. "Use of Myocardial Tissue Imaging and Plasma Level of N-Terminal Pro Brain Natriuretic Peptide for Early Detection of Cardiac Involvement In Patients with Cirrhosis", submitted by **Dr. Roopali Khanna, PI, Dept. of Cardiology. (16.04.2016-10.12.2018)**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.



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3. “Enhanced Expression of β -D-galactosidase in Probiotic Strains of Lactic Acid Bacteria Against Lactose Intolerance”, submitted by **Prof. Anita Saxena, PI, Dept. of Nephrology.** (11.10.2018 - 10.10.2020)

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

4. “A Prospective Study to compare the results of Intraoperative Turbo Thyroglobulin estimation vs Frozen Section in suspected Cervical Lymphnodes during Differentiated Thyroid Carcinoma Surgery”, submitted by **Prof. Gyan Chand, PI, Dept. of Endocrine Surgery.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

5. “Analysis of sequence variations in MEOX1, GDF3 and GDF6 genes in cases with congenital craniovertebral junction anomalies”, submitted by **Dr. Jayesh Sardhara, PI, Dept. of Neurosurgery.** Request for extension.

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from .2022.

6. “Effect of thyrotropin suppression therapy and other factors on bone health in the thyroid cancer patient” submitted by **Dr. Manish Ora, PI, Dept. of Nuclear Medicine. (Request for withdraw)**

The Research sub-committee has accepted the request of PI for withdrawing of the above project and approved by the Chairman.

7. “To establish a new model of angiography in rabbit”, submitted by **Dr. Vivek Singh, PI, Dept. of Radiodiagnosis. (Request for withdraw)**

The Research sub-committee has accepted the request of PI for withdrawing of the above project and approved by the Chairman.

8. “Colistin resistance gene, mcr-1 in clinical, veterinary and environment bacterial isolates and their clonal lineage profiling”, submitted by **Dr. Chinmoy Sahu, PI, Dept. of Microbiology. (15.12.2017 – 14.12.2019)**

The Final report was reviewed by the Research sub-committee. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

9. “Clinical and genotypic profile of arthrogyposis” submitted by **Dr. Moirangthem Amita, PI, Dept. of Medical Genetics. (01.03.2019 to 28.02.2021) – Request for one year extension.**

The Final report was reviewed by the Research sub-committee and Chairman approved for extension for the period of one year from 01.03.2021 to 28.02.2022.



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10. “Genetic alterations in poorly Differentiated Carcinomas (PDTCs) and Anaplastic thyroid Carcinomas (ATCs)” submitted by **Prof. Amit Agarwal, PI, Dept. of Endocrine Surgery.** (01.12.2016 – 31.12.2019)

The Final report was reviewed by the Research sub-committee. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

11. “To Examine the Immunomodulatory Effect of Umbilical Cord Blood Mesenchymal Stem Cell on HLA Matched Immune Cell Interactions in the Context of Type 1 Diabetes”, submitted by **Prof. Swasti Tiwari, PI, Dept. of Molecular Medicine & Biotechnology.** (11.10.2018 – 10.10.2020)

The Final report was reviewed by the Research sub-committee. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

12. “Hypertension in Young Patients with Type 1 diabetes mellitus: Prevalence, Risk Factors and early renal injury markers”, submitted by **Prof. V. L. Bhatia, PI, Dept. of Endocrinology.** (15.07.2017 – 14.07.2019)

The Final report was reviewed by the Research sub-committee. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

Section (C)

Notification of Extension/Additional grant/Transfer of project of the following Intramural Project.

1. “To Evaluate the Role of CXCR2 Ligands (IL-8 and Gro- α) and Cytokines (IL-1 β , TNF- α) on A1k1 and A1k5 Imbalance in Chondrocytes Derived from OA cartilage”, **Prof. Vikas Agarwal, PI, Dept. of Clinical Immunology.**

The Chairman accorded approval for the extension upto 28.02.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

2. “Assessment of Neurocognitive Dysfunction & C.R.S.D. In Obstruction Sleep Apnea”, **Dr. Zia Hashim, PI, Dept. of Pulmonary Medicine.**

The Chairman accorded approval for the extension upto 31.08.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

3. “Investigating the Genetic Contributors to Spinocerebellar Ataxia in Indian Population”, **Dr. Anshika Srivastava, PI, Dept. of Medical Genetics.**



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The Chairman accorded approval for the extension upto 28.02.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

4. "Brain Ageing Research: role of Genetic Modified Extra Cellular Vesicles (EVs) in Modulation of Age Related Chronic Neuroinflammation and Neuronal Function", **Dr. Alok Kumar, PI, Dept. of Molecular Medicine & Biotechnology.**

The Chairman accorded approval for the extension upto 28.02.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

5. "Incidence and Prognostic Significance of Androgen Receptors (AR) in Indian Triple Negative Breast Cancer (TNBC)", **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery.**

The Chairman accorded approval for the extension upto 28.02.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

6. "Evaluation of Peripheral Blood Dendritic cell subset count as a Potential Biomarker in Classic Hodgkin Lymphoma", **Dr. Khaliqur Rahman, PI, Dept. of Hematology.**

The Chairman accorded approval for the extension upto 30.06.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

7. "Analysis of sequence variations in MEOX1, GDF3 and GDF6 genes in cases with congenital craniovertebral junction anomalies", **Dr. Jayesh Sardhara, PI, Dept. of Neurosurgery.**

The Chairman accorded approval for the extension upto 14.12.2021 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

8. "Role of serum biomarker in high grade glioma", **Dr. Kuntal Kanti Das, PI, Dept. of Neurosurgery.**

The Chairman accorded approval for the extension upto 30.11.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.



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Minutes of the 83rd Research Committee Meeting to be held on 10th June, 2021 (Thursday) in the Telemedicine Committee Room, SGPGI, through video conferencing and Research Sub-committee Meeting held on 06.09.2021 (Monday) in the Chamber of Dean, ADM. Block, SGPGI.

Research Committee Members:

1.	Director, SGPGI	Chairman
2.	Dean, SGPGI	Member
3.	Prof. Tapas K. Kundu, Director, CSIR-CDRI, Lucknow	Member
4.	Prof. Ravindra K. Garg, HOD, Dept. of Neurology, KGMU, Lucknow	Member
5.	Prof. Saumen Hajra, CBMR, SGPGI-CAMPUS, Lucknow	Member
6.	Prof. Amita Aggarwal, Head, Dept. of Clinical Immunology, SGPGI	Member
7.	Prof. Punita Lal, HOD, Dept. of Radiotherapy, SGPGI	Member
8.	Prof. M. S. Ansari, Dept. of Urology, SGPGI	Member
9.	Prof. Anjali Mishra, Dept. of Endocrine Surgery, SGPGI	Member
10.	Prof. Ujjala Ghoshal, HOD, Dept. of Microbiology, SGPGI	Member
11.	Prof. Swasti Tiwari, HOD, Dept. of Mole. Med. & Biotech., SGPGI	Member
12.	Dr. Amit Goel, Dept. of Gastroenterology, SGPGI	Member
13.	Dr. Prabhakar Mishra, Dept. of Biostatistics. & Health Info., SGPGI	Member
14.	Prof. Uday C. Ghoshal, Dept. of Gastroenterology & Faculty In-charge Research, SGPGI.	Member Secretary
15.	Dr. C. P. Chaturvedi, Dept. of Hematology (SCRC), SGPGI & Assist. Faculty In-charge Research, SGPGI.	Convener

All Research committee members were attending the above meeting.

The minutes of the 82nd Research Committee meeting held on 20.11.2020 (Friday) at 02:00 PM and on 25.11.2020 (Wednesday) at 03:30 PM through video conferencing were confirmed.

Chart of Final Score is attached at Annexure – I.

Minutes of Research Sub-Committee Meeting is attached at Annexure - II

Section (A)

To consider the new Intramural projects (2021 - 2023)

1. A-1-PGI/IMP/83/2021 “Changes in Metabolic Effluents from Coronary sinus as assessed by NMR: Comparison between St Thomas and Del Nido Cardioplegia Solution along with their effect on post CPB myocardial function”, submitted by **Dr. Amit Rastogi, PI, Dept. of Anaesthesiology. (₹2,80,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,80,000=00 has been sanctioned.

2. A-2-PGI/IMP/83/2021 “To study the effect of medical nutrition therapy to alleviate school time hyperglycemia and address glycemic outcomes in children with type 1 diabetes mellitus”, submitted by **Dr. Siddhant Sudhanshu, PI, Dept. of Endocrinology. (₹3,80,000)**


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The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 3,80,000=00 has been sanctioned after review in Research sub-committee.

3. A-3-PGI/IMP/83/2021 “Evaluation of Five commonly used portable glucometers in India”, submitted by **Dr. Ganpat Prasad, PI, Dept. of Anaesthesiology. (₹ 1,70,000)**

The Chairman Research Committee did not approve the above project for intramural funding due to score less than 50%.

4. A-4-PGI/IMP/83/2021 “Seroprevalance and cross-reactivity of different neglected tropical diseases in blood culture negative febrile patients in a tertiary care center: A descriptive study”, submitted by **Dr. Sangram Singh Patel, PI, Dept. of Microbiology. (₹ 4,50,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,50,000=00 has been sanctioned after review in Research sub-committee..

5. A-5-PGI/IMP/83/2021 “Role of point of care ultrasound in early detection of Postperative Pulmonary Completions after Peroral endoscopic myotomy (POEM) procedure”, submitted by **Dr. Rafat Shamim, PI, Dept. of Anaesthesiology. (₹ 80,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 80,000=00 has been sanctioned after review in Research sub-committee.

6. A-6-PGI/IMP/83/2021 “An Assessment of the Accuracy of the Construct Placement during CV Junction Surgery using CT reconstructed Images Vs 3 D printed models: A Randomized Control Trial”, submitted by **Dr. Pawan Kumar Verma, PI, Dept. of Neurosurgery. (₹ 4,03,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,03,000=00 has been sanctioned after review in Research sub-committee.

7. A-7-PGI/IMP/83/2021 “Antibody response following vaccination against COVID-19 using COVISHIELD in healthy HCW population”, submitted by **Dr. Alka Verma, PI, Dept. of Emergency Medicine. (₹5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned after review in Research sub-committee.

8. A-8-PGI/IMP/83/2021 “Antibody response to COVID-19 vaccination in Patients with advanced liver disease”, submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned after review in Research sub-committee.

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9. **A-09-PGI/IMP/83/2021** “Estimation of antibody response to SARS Corona virus-2 vaccination in patients of renal allograft recipients and maintenance hemodialysis”, submitted by **Dr. Dharmendra Singh Bhadauria, PI, Dept. of Nephrology. (₹5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned after review in Research sub-committee.

10. **A-10-PGI/IMP/83/2021** “Noise Levels and Surgical Team Distraction during Thyroidectomy in an Endocrine Surgery Operating Room”, submitted by **Dr. Sabaretnam Mayilvaganan, PI, Dept. of Endocrine Surgery. (₹1,45,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned after review in Research sub-committee.

11. **A-11-PGI/IMP/83/2021** “Inflammatory Response after Open and Laparoscopic Inguinal Hernia Repair in Children”, submitted by **Dr. Ankur Mandelia, PI, Dept. of Ped. Surg. Super Specialties. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned after review in Research sub-committee.

12. **A-12-PGI/IMP/83/2021** “Intestinal Permeability and Bacterial Translocation in Spontaneous Bacterial Peritonitis in Children”, submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Pediatric Gastroenterology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

Section (B)

To consider the Annual Progress reports for the following intramural projects.

1. “Gene Expression Analysis during Trophoblast cell-fusion process”, submitted by **Dr. Santosh Kumar Verma, PI, Dept. of Molecular Medicine & Biotechnology. (01.09.2019 – 31.08.2021) - Due to COIVD – 19 pandemic Request for extension.**

The annual progress report was reviewed by the Reviewer and Chairman approved extension for the period of one year from 01.09.2021 to 31.08.2022.

2. “Brain Ageing Research: Role of Genetic modified extra cellular vesicle (EVs) in Modulation of age related chronic neuroinflammation and neuronal function”, submitted by **Dr. Alok Kumar, PI, Dept. of Molecular Medicine & Biotechnology. (01.09.2019 – 31.08.2021)**

The annual progress report was reviewed by the Reviewer and Chairman approved extension for the period of one year from 01.09.2021 to 31.08.2022.



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3. “T-cell Profile and Metabolomic Signatures in Patients with Pulmonary Sarcoidosis and Lymph Node Tuberculosis”, **Dr. Alok Nath, PI, Dept. of Pulmonary Medicine. (Request for release of 2nd Installment)**

The committee review the above annual progress report and was found satisfactory and Chairman Research committee recommend for release of second installment a sum of Rs. 2,50,000=00 subject to funds availability.

4. “Neuroblastoma and Wilm’s Tumor: Co-relation of Computed Tomographic Findings with Serum/Urine Level of Fibroblast Growth Factor (bFGF) and serum Vascular Endothelial Growth Factor (VEGF) as A Marker of Prognosis”, **Dr. Basant Kumar, PI, Dept. of Ped. Surg. (01.09.2019 – 31.08.2021)**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

Section (C)

To consider the Final Progress reports for the following intramural projects.

1. “Prospective Cohort Study of objective cardiac and vascular changes in pheochromocytoma and Paraganglioma and their Reversal following curative surgery”, submitted by **Dr. Roopali Khanna, PI, Dept. of Cardiology. (15.02.2019 to 14.02.2021) – Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 14.02.2021 to 13.02.2022.

2. “Assessment of Endotoxins and cytokines in ACLF patients with large ascots and AKI with slow albumin and vasoconstrictors and oral diuretics”, submitted by **Dr. Gaurav Pande, PI, Dept. of Gastroenterology. (01.03.2019 to 28.02.2021) – Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 01.03.2021 to 28.02.2022.

3. “To Study the role of food supplementation in reduction of intestinal permeability and blood endotoxin levels in child B cirrhosis”, submitted by **Dr. Gaurav Pande, PI, Dept. of Gastroenterology. (01.03.2019 to 28.02.2021) - Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 01.03.2021 to 28.02.2022.

4. “To study on the mosaic loss of y chromosome in colorectal, pancreatic and prostate cancers in Indian patients”, submitted by **Prof. Sarita Agarwal, PI, Dept. of Medical Genetics. (01.07.2018 to 30.06.2020)**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.


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5. “Prognostic and Predictive Value of Tumor Infiltrating Lymphocytes (TILs) and Programmed cell Death – Ligand 1 (PD-L1) in Breast Cancer”, submitted by **Prof. Gaurav Agarwal, PI, Dept. of Endocrine Surgery.** (01.03.2019 to 28.02.2021) - **Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 01.03.2021 to 28.02.2022.

6. “Outcome in Adulthood of Children with Enthesitis Related Arthritis (ERA) category of Juvenile Idiopathic Arthritis (JIA) and its Predictors”, submitted by **Prof. Amita Aggarwal, PI, Dept. of Clinical Immunology & Rheumatology.** (15.02.2019 – 14.02.2021) - **Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 15.02.2021 to 14.02.2022.

7. “Pharmacokinetics of Low-Dose Sofosbuvir in Dialysis-Dependent Patients With Hepatitis C Virus Infection”, submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology.** (01.03.2019 – 28.02.2021) - **Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 01.03.2021 to 28.02.2022.

8. “Validation of Clinical Metagenomics for Rapid Diagnosis and Antibiotic Resistance Profiling in Percutaneous Nephrolithotomy (PCNL) Ureterorenoscopic Lithotripsy (URSL) Cases by Using Biosensor Sequencing Technology (BST)”, submitted by **Dr. Sanjoy Surekha, PI, Dept. of Urology and Renal Transplantation.** (01.04.2019 – 31.03.2021) – **Request for withdraw.**

The Research sub-committee has accepted the request of PI for withdrawing of the above project.

9. “Vitamin D deficiency and its replenishment in children with epilepsy receiving antiepileptic drugs”, submitted by **Dr. Siddhnath Sudhanshu, PI, Dpet. Of Endocrinology.** (01.04.2019 – 31.03.2021) - **Due to COIVD – 19 pandemic Request for extension.**

The Final report was reviewed by the reviewer and Chairman approved for extension for the period of one year from 01.04.2021 to 31.03.2022.

10. “To study the Biomarker Glycosylated Fibronectin as a Predictor of Gestational Diabetes in first Trimester in North Indian Population: A Pilot Study”, submitted by **Dr. Indu Lata, PI, Dept. Of MRH.** (15.12.2017-14.12.2019) **Extension from 15.12.2019-14.06.2020.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

11. “Validation of Rat Excision Wound Model and Exploring the Role of Compound X in wound Healing”, submitted by **Dr. Durga P. Misra, Dept. of Clinical Immunology.** (15.12.2017 to 14.12.2019)



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The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

Section (D)

Notification of Extension/Additional grant/Transfer of project of the following Intramural Project.

1. "To Study Sequence Variations in Genes Involved in Chromosome/Chromatid Separation Including Cohesin – Condensing Complex, Kinetocore Complex and Centromeric Proteins in Mothers of Individuals with Trisomy 21", **Prof. Shubha Phadke, PI, Dept. of Medical Genetics.** Due to COIVD – 19 pandemic Request for extension.

The Chairman accorded approval for the extension upto 28.02.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

2. "Role of Serum Biomarker in High Grade Glioma", **Dr. Kuntal Kanti Das, PI, Dept. of Neurosurgery.** Due to COIVD – 19 pandemic Request for extension.

The Chairman accorded approval for the extension upto 14.12.2021 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

3. "Determination of myositis specific and myositis associated antibody profiles in Indian patients using the Immunoprecipitation assay", **Dr. Latika Gupta, PI, Dept. of Clinical Immunology and Rheumatology.**

The Chairman accorded approval for the extension upto 28.02.2022 and noted the extension of the above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

4. "To determine the lung injury and role of TGF-1 as Biomarker and quality of life assessment in patients of esophageal cancer treated with chemoradiotherapy". **Transfer of Intramural project from Dr. Shaleen Kumar to Dr. Shagun Mishra, Dept. of Radiotherapy.**

The Chairman accorded approval for the transfer of above project. The Chairman suggested the PI to complete the project in the stipulated time period and submit a copy of annual/final report to the Research Cell.



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Minutes of the 83rd Research Sub-Committee Meeting held on 06.09.2021 (Monday) at 02:00 PM in the Chamber of Dean, ADM. Block, SGPGI.

Research Sub-Committee Members:

1.	Dean, SGPGI	Chairman
2.	Prof. Punita Lal, HOD, Dept. of Radiotherapy, SGPGI	Member
3.	Prof. M. S. Ansari, Dept. of Urology, SGPGI	Member
4.	Dr. Prabhakar Mishra, Dept. of Biostat. & Health Info., SGPGI	Member
5.	Prof. Uday C. Ghoshal, Dept. of Gastroenterology & Faculty Incharge Research, SGPGI.	Member Secretary

All Members of Research Sub-Committee were attended the above meeting. The committee reviewed all the 8 revised proposals inline with the reviewer comments and approved all the proposals.


S. No.	Code	Name of the PI & Dept.	Title of the project	Budget Allotted	Final Decision
1.	A-2	Dr. Siddhnath Sudhanshu, PI, Dept. of Endocrinology	To study the effect of medical nutrition therapy to alleviate school time hyperglycemia and address glycemic outcomes in children with type 1 diabetes mellitus	380000	APPROVED
2.	A-4	Dr. Sangram Singh Patel, PI, Dept. of Microbiology	Seroprevalance and cross-reactivity of different neglected tropical diseases in blood culture negative febrile patients in a tertiary care center: A descriptive study	450000	APPROVED
3.	A-6	Dr. Pawan Kumar Verma, PI, Dept. of Neurosurgery	An Assessment of the Accuracy of the Construct Placement during CV Junction Surgery using CT reconstructed Images Vs 3 D printed models: A Randomized Control Trial	403000	APPROVED
4.	A-7	Dr. Alka Verma, PI, Dept. of Emergency Medicine	Antibody response following vaccination against COVID-19 using COVISHIELD in healthy HCW population	500000	APPROVED
5.	A-8	Dr. Amit Goel, PI, Dept. of Gastroenterology	Antibody response to COVID-19 vaccination in Patients with advanced liver disease	500000	APPROVED
6.	A-9	Dr. Dharmendra Singh Bhadauria, PI, Dept. of Nephrology	Estimation of antibody response to SARS Corona virus-2 vaccination in patients of renal allograft recipients and maintenance hemodialysis	500000	APPROVED
7.	A-10	Dr. Sabaretnam Mayilvaganan, PI, Dept. of Endocrine Surgery	Noise Levels and Surgical Team Distraction during Thyroidectomy in an Endocrine Surgery Operating Room	145000	APPROVED
8.	A-11	Dr. Ankur Mandelia, PI, Dept. of Ped. Surg. Super Specialties	Inflammatory Response after Open and Laparoscopic Inguinal Hernia Repair in Children	500000	APPROVED


Dr. Prabhakar Mishra
Member


Prof. Punita Lal
Member


Prof. M. S. Ansari
Member


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow
Member Secretary


Prof. Aneesh Srivastava
Chairman

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Minutes of the 82nd Research Committee Meeting held on 20.11.2020 (Friday) at 02:00 PM and on 25.11.2020 (Wednesday) at 03:30 PM through video conferencing, SGPGI.

Research Committee Members:

1.	Director, SGPGI	Chairman
2.	Dean, SGPGI	Member
3.	Prof. Tapas K. Kundu, Director, CSIR-CDRI, Lucknow	Member
4.	Prof. Ravindra K. Garg, HOD, Dept. of Neurology, KGMU, Lucknow	Member
5.	Prof. Saumen Hajra, CBMR, SGPGI-CAMPUS, Lucknow	Member
6.	Prof. Amita Aggarwal, Head, Dept. of Clinical Immunology, SGPGI	Member
7.	Prof. Punita Lal, HOD, Dept. of Radiotherapy, SGPGI	Member
8.	Prof. M. S. Ansari, Dept. of Urology, SGPGI	Member
9.	Prof. Anjali Mishra, Dept. of Endocrine Surgery, SGPGI	Member
10.	Prof. Ujjala Ghoshal, HOD, Dept. of Microbiology, SGPGI	Member
11.	Prof. Swasti Tiwari, HOD, Dept. of Mole. Med. & Biotech., SGPGI	Member
12.	Dr. Amit Goel, Dept. of Gastroenterology, SGPGI	Member
13.	Dr. Prabhakar Mishra, Dept. of Biostat. & Health Info., SGPGI	Member
14.	Prof. Uday C. Ghoshal, Dept. of Gastroenterology & Faculty In-charge Research, SGPGI.	Member Secretary

Dr. Amit Goel, Dept. of Gastroenterology, SGPGI, could not attend the meeting on 20.11.2020 and 25.11.2020. Rest all members were present in both the session of the 82nd Research Committee meeting.

Section (A)

Following New Intramural projects for consideration (2020 - 2022)


1. **A-1-PGI/IMP/82/2020** "To Evaluate the Role of Cell Free DNA in Gall Bladder Cancer As A Diagnostic", submitted by **Dr. Ashish Singh, PI, Dept. of Surgical Gastroenterology. (₹ 4,85,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,85,000=00 has been sanctioned.

2. **A-2-PGI/IMP/82/2020** "Role of Mitochondrial Dynamic Proteins (Fusion and Fission) in North Indian Colorectal Cancer Patients", submitted by **Prof. Ashok Kumar, PI, Dept. of Surgical Gastroenterology. (₹ 5,50,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.


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3. **A-3-PGI/IMP/82/2020** “Association of Metabolic Syndrome, Insulin Resistance, Inflammation and Oxidative Stress with Protein energy Wasting in Pre-dialysis Chronic Kidney Disease Patients (Stages 2 to 5)”, submitted by **Prof. Anita Saxena, PI, Dept. of Nephrology. (₹ 4,97,304)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,97,304=00 has been sanctioned.

4. **A-4-PGI/IMP/82/2020** “Micro-RNA Mediated Regulation of Th17 and Treg Cells in Aplastic Anemia and Their Correlation with Immunosuppressive Therapy” submitted by **Dr. Ruchi Gupta, PI, Dept. of Hematology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

5. **A-5-PGI/IMP/82/2020** “To Assess the Clinico-Radiological, Urodynamic Outcome and Metabolic Effects of Surgical Detethering in Patients in Patients of Spinal Dysraphism - A Prospective Study”, submitted by **Dr. Ved Prakash Maurya, PI, Dept. of Neurosurgery. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

6. **A-6-PGI/IMP/82/2020** “Evaluation of Eosinophilic Inflammation in Patients of Chronic Obstructive Pulmonary Disease”, submitted by **Dr. Mansi Gupta, PI, Dept. of Pulmonary Medicine. (₹ 4,90,000)**


The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

7. **A-7-PGI/IMP/82/2020** “To Compare the Implementation of SGPGI Enhanced Recovery Program Including Goal Directed Fluid Therapy Vs. Standard Therapy in Major Abdominal Surgeries A randomized prospective study” submitted by **Prof. Sandeep Sahu, PI, Dept. of Anaesthesiology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

8. **A-8-PGI/IMP/82/2020** “PDE-5 Inhibitor Tadalafil as Anti-Inflammatory and Antifibrotic Agent for Improving Bladder Dynamics in Cases of Posterior Urethral Valve”, submitted by **Prof. M. S. Ansari, PI, Dept. of Urology and Renal Transplantation. (₹ 5,00,000)**


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The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

9. A-9-PGI/IMP/82/2020 “Molecular Characterization of Juvenile Nasopharyngeal Angiofibroma”, submitted by **Dr. Amit Keshri, Dept. of Neuro-otology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

10. A-10-PGI/IMP/82/2020 “Therapeutic Application of the $^{64}\text{CuCl}_2$ an Auger Electron-emitting PET Agent in Recurrent High-Grade Brain Tumors”, submitted by **Prof. Sanjay Gambhir, PI, Dept. of Nuclear Medicine. (₹ 5,10,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

11. A-11-PGI/IMP/82/2020 “Does Use of a Dural Sealant During Endoscopic Endonasal Repair of Dural Defect Prevent Cerebrospinal Fluid (CSF) Leak”, submitted by **Prof. Awadhesh Kumar Jaiswal, PI, Dept. of Neurosurgery. (₹ 5,00,000)**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

12. A-12-PGI/IMP/82/2020 “Comparative Analysis of ^{68}Ga -PSMA PET/CT with $^{99\text{mTc}}$ -PSMA Gamma Camera Imaging In Recurrent Carcinoma Prostate”, submitted by **Dr. Manish Ora, PI, Dept. of Nuclear Medicine. (₹ 4,50,000)**


The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,50,000=00 has been sanctioned.

13. A-13-PGI/IMP/82/2020 “Role of Factor-H Related Proteins in Complement-3 Glomerulopathy”, submitted by **Dr. Pallavi Prasad, PI, Dept. of Pathology. (₹ 4,56,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,56,000=00 has been sanctioned.

14. A-14-PGI/IMP/82/2020 “Exploring the Anti-Mycobacterial Activity of Nanoparticle-Plant Extract Conjugates” submitted by **Dr. Alok Nath, PI, Dept. of Pulmonary Medicine. (₹ 3,50,000)**


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The PI has withdrawn the project.

15. A-15-PGI/IMP/82/2020 “Evaluation of TGF- β Induced Canonical and Non-Canonical Fibrotic Pathways in Fibroblasts Derived from Stricture Esophagu”, submitted by **Dr. Latika Gupta, PI, Dept. of Clinical Immunology and Rheumatology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

16. A-16-PGI/IMP/82/2020 “Duo-PAP vs Nasal Continuous Positive Airway Pressure in Preterm Neonates with Respiratory distress syndrome - A Randomized Control Trial”, submitted by **Dr. Kriti M. Naranje, PI, Dept. of Neonatology. (₹ 4,99,971)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,99,971=00 has been sanctioned.

17. A-17-PGI/IMP/82/2020 “Randomized Trial of Phacoemulsification Versus Laser Peripheral Iridotomy in Patients with Primary Angle Closure Disease”, submitted by **Dr. Vaibhav K. Jain, PI, Dept. of Ophthalmology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

18. A-18-PGI/IMP/82/2020 “Clinical, Radiological Histopathological Characterization of Medulloblastoma Consensus and Its Application in Molecular Subgroup-based Risk-Adjusted Therapy”, submitted by **Dr. Kamlesh Singh Bhisora, PI, Dept. of Neurosurgery. (₹ 4,85,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,85,000=00 has been sanctioned.

19. A-19-PGI/IMP/82/2020 “Does Chronic Material Calcium Deficiency Influences Peak Bone Mass, Micro-Architecture, and Bone Strength in Offspring in Rats”, submitted by **Prof. Sushil K. Gupta, PI, Dept. of Endocrinology. (₹ 6,30,000)**

The PI has withdrawn the project.

20. A-20-PGI/IMP/82/2020 “Correlation of Oncogenic Viruses in Papillary Thyroid Carcinoma”, submitted by **Dr. Gyan Chand. PI, Dept. of Endocrine Surgery. (₹ 5,00,000)**



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The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

21. A-21-PGI/IMP/82/2020 “Novel Synthetic Route of Precursor Synthesis for (¹⁸F)-Auximin PSMA PET Tracer: Chemistry Methodology Innovation”, submitted by **Dr. Manish Dixit, PI, Dept. of Nuclear Medicine. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

22. A-22-PGI/IMP/82/2020 “Development of Non-Invasive Biomarker for early Diagnosis of Clear Cell Renal Cell Carcinoma (ccRCC) and Identification Therapeutic Target for the Disease”, submitted by **Dr. Naveen K. Gautam, PI, Dept. of Urology and Renal Transplantation. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

23. A-23-PGI/IMP/82/2020 “Study The Effect of HPV Infection on Pregnancy Outcome”, submitted by **Dr. Amrit Gupta, PI, Dept. of M.R.H. (₹ 4,86,600)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,86,600=00 has been sanctioned.

24. A-24-PGI/IMP/82/2020 “Prevalence of SARS CoV 2 Antibodies in Healthcare Workers to Determine Infection Exposure” submitted by **Dr. Rahul Katharia, PI, Dept. of Transfusion Medicine. (₹ 4,93,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,93,000=00 has been sanctioned.

25. A-25-PGI/IMP/82/2020 “Evaluation of Peripheral Blood Leukemic Stem Cells Count and Leukemic Stem Cell/Normal Hemaopoietic Stem Cells Ratio as a Predictor of Tyrosine Kinase Inhibitor Response in Chronic Myeloid Leukemia”, submitted by **Dr. Khaliqur Rahman, PI, Dept. of Hematology. (₹ 4,75,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 4,75,000=00 has been sanctioned.



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26. A-26-PGI/IMP/82/2020 “Targeting of Glioblastoma Stem Cells Through Modulation of Mitochondrial Mechanisms for Developing Effective Therapeutic Approaches”, submitted by **Dr. Lokendra K. Sharma, PI Dept. of Molecular Medicine & Biotechnology. (₹ 5,00,000)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

27. A-27-PGI/IMP/82/2020 “Transcutaneous Bilirubinometry from Patched Skin and its Correlation with Serum Bilirubin During and after Phototherapy in Infants: A Prospective Observational Study”, submitted by **Dr. Anita Singh, PI, Dept. of Neonatology. (₹ 2,15,380)**

The Chairman Research Committee approved the above project for intramural funding and a sum of Rs. 2,15,380=00 has been sanctioned.

28. A-28-PGI/IMP/82/2020 “Evaluation of CD34⁺ Hematopoietic Stem and Progenitor Cell Subsets in Mobilized Blood Graft and Their Correlation with Engraftment After Hematopoietic Stem Cell Transplantation”, submitted by **Dr. Naresh K. Tripathy, PI, Dept. of Hematology. (₹ 5,50,000)**

The Chairman Research Committee did not approve the above project.

Section (B)

To consider the Annual Progress reports for the following intramural projects.

1. “Incidence and Prognostic Significance of Androgen Receptors (AR) in Indian Triple Negative Breast Cancer (TNBC)”, submitted by **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery. (01.09.2019 – 31.08.2020)**

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

Section (C)

Notification of Extension or additional grant of the following Intramural Project.

1. “Assessment of Selenium Deficiency in Gluten Free Diet in Patients of Celiac Disease”, submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Ped. Gastro. (01.07.2018 to 30.06.2020)** 1st extension granted till 30.06.2021 without any extra money to complete the project work.

Notification of 1st extension granted by the chairman Research Committee through file for the above project **upto 30.06.2021** without any extra money to complete the project work.



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The Chairman Research Committee accorded approval for the six months extension upto 30.06.2021 and noted the extension of the above project.

2. "Typing of Amyloid in Abdominal fat Pad Aspirates: An Immune-electron Microscopic and Proteomic Analysis", submitted by **Dr. Vinita Agrawal, PI, Dept. of Pathology. (15.12.2017 – 14.12.2019)** 2nd extension granted till 14.12.2021 without any extra money to complete the project work.

Notification of 2nd extension granted by the Chairman Research Committee through file for the above project upto **14.12.2021** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the six months extension upto 14.12.2021 and noted the extension of the above project.

3. "Assessment of Selenium Deficiency in Gluten Free Diet in Patients of Celiac Disease", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Ped. Gastro. (01.07.2018 to 30.06.2020).**

As per statement the PI has requested for additional budget of Rs. 26,000=00 for completing the work in hand.

Accordingly, Director and Chairman Research Committee sanction the additional grant of Rs. 26,000=00 through file beside Rs 4,50,000=00 budget to complete the above project.

The Chairman Research Committee approved the additional grant of Rs. 26,000=00, for the above project to complete the project work. The committee advised the PI to submit the manuscript to the Research Cell after completion of the project.

4. "Assessment of Selenium Deficiency in Gluten Free Diet in Patients of Celiac Disease", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Ped. Gastro. (01.07.2018 to 30.06.2020).**

As per statement the PI has requested for additional budget of Rs. 23,000=00 for completing the work in hand.

Accordingly, Director and Chairman Research Committee sanction the additional grant of Rs. 23,000=00 through file beside Rs 4,50,000=00 budget to complete the above project.

The Chairman Research Committee approved the additional grant of Rs. 23,000=00, for the above project to complete the project work. The committee advised the PI to submit the manuscript to the Research Cell after completion of the project.

5. "Correlation of RET Genotype with Clinical, Pathological Attributes and Outcomes in Patients with Medullary Thyroid Cancer", submitted by **Prof. Gaurav Agarwal, PI, Dept. of Endocrine Surgery. (01.06.2018 - 30.06.2020)**



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Notification of 1st extension granted by the Chairman Research Committee through file for the above project upto **31.12.2020** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the six months extension upto 31.12.2020 and noted the extension of the above project.

6. “Evaluation of Cardiovascular Risk Factors in the Sheehan’s Syndrome”, submitted by Prof. Subhash Yadav, PI, Dept. of Endocrinology. (01.07.2018 to 30.06.2020)

Notification of 1st Extension granted by the Chairman Research Committee through file for the above project upto **31.03.2021** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the six months extension upto 31.03.2021 and noted the extension of the above project.

7. “Clinical Profile and Outcome in Giant Prolactinoma”, submitted by **Prof. Preeti Dabadghao, PI, Dept. of Endocrinology.** (15.12.2017 – 14.12.2019)

Notification of 1st Extension granted by the Chairman Research Committee through file for the above project upto **31.12.2020** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.12.2020 and noted the extension of the above project.

8. “Expression of Death and Survival Signals in Tuberculosis Meningitis: Correlation With Disease Severity and Outcome”, submitted by **Prof. J. Kalita, PI, Dept. of Neurology, SGPGI.** (01.07.2018 – 30.06.2020)

Notification of 1st Extension granted by the Chairman Research Committee through file for the above project upto **31.12.2020** without any extra money to complete the project work.

The Chairman Research Committee accorded approval for the extension upto 31.12.2020 and noted the extension of the above project.



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Minutes of the 81st Research Committee Meeting held on 23.07.2020 (Thursday) at 03:00 PM, 07.08.2020 (Thursday) at 03:00 PM and Business meeting held on 24.09.2020 (Thursday) at 02:30 PM through video conferencing, SGPGI.

Research Committee Members:

1.	Director, SGPGI	Chairman
2.	Dean, SGPGI	Member
3.	Prof. Tapas K. Kundu, Director, CSIR-CDRI, Lucknow	Member
4.	Prof. Ravindra K. Garg, HOD, Dept. of Neurology, KGMU, Lucknow	Member
5.	Prof. Saumen Hajra, CBMR, SGPGI-CAMPUS, Lucknow	Member
6.	Prof. Amita Aggarwal, Head, Dept. of Clinical Immunology, SGPGI	Member
7.	Prof. Punita Lal, HOD, Dept. of Radiotherapy, SGPGI	Member
8.	Prof. M. S. Ansari, Dept. of Urology, SGPGI	Member
9.	Prof. Anjali Mishra, Dept. of Endocrine Surgery, SGPGI	Member
10.	Prof. Ujjala Ghoshal, HOD, Dept. of Microbiology, SGPGI	Member
11.	Prof. Swasti Tiwari, HOD, Dept. of Mole. Med. & Biotech., SGPGI	Member
12.	Dr. Amit Goel, Dept. of Gastroenterology, SGPGI	Member
13.	Dr. Prabhakar Mishra, Dept. of Biostat. & Health Info., SGPGI	Member
14.	Prof. Uday C. Ghoshal, Dept. of Gastroenterology & Faculty Incharge Research, SGPGI.	Member Secretary

Dr. Amit Goel, Dept. of Gastroenterology, SGPGI, could not attend meeting on 07.08.2020 (session – II) and Prof. Tapas K. Kundu, Director, CSIR-CDRI, Lucknow, Prof. Anjali Mishra, Dept. of Endocrine Surgery, Dr. Amit Goel, Dept. of Gastroenterology, SGPGI & Dr. Prabhakar Mishra, Dept. of Biostatistics & Health Informatics, SGPGI, could not attend the business meeting 24.09.2020 Business meeting.

General Discussion:

(A) During the Research Committee Business meeting, it has been decided by the committee, since Budget allotted for financial year 2020-2021 is limited and second round of invitation for new proposals has to be done in the month of September, 2020, so only limited proposals according to the merit should be sanctioned in this round. Since for this round the available budget is only 90 lacs, upto 18 projects would be funded currently in descending order based on average score. Among these projects, if some projects require scientific or budget revision as suggested by the reviewer, the PI needs to resubmit the revised version. The remaining projects did not get priority for funding currently due to financial limitation.

(B) The committee felt that the Departmental Research Committee (DRC) should be properly constituted as following:

- | | |
|--|--|
| 1. Chairperson | Head of the Dept. |
| 2. Member | All faculty of Dept. |
| 3. Member Secretary | One of the Faculty Member nominated by HOD |
| 4. Other faculty members from different Dept. (optional) | Co-opted members |

The DRC meeting should be conducted at least in every two months. At least 50% of members of the DRC including regular HOD should be present during the meeting and all should sign on the proceedings.

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(C) The committee felt that the Intramural grant should be primarily given to young faculties in the Assistant and Associate Professors Grade.

(D) The Chairman constituted the following five members sub-committee as per the standard operating procedure to review and approve the revised proposals to be submitted by the Principal Investigators as per the suggestions of the above Research Committee.

- | | |
|--|----------------------|
| 1. Dean | Chairperson |
| 2. One Clinician from Medical Discipline | Dr. Punita Lal |
| 3. One Clinician from Surgical Discipline | Dr. M. S. Ansari |
| 4. One Non-Clinician from Medical/non-Medical Discipline | Dr. Prabhakar Mishra |
| 5. Faculty In-charge Research | Member Secretary |

(E) This may be placed before the upcoming Academic board meeting for its approval.

Section (A)

New Intramural projects. (2020-2022)

Chart of Final Score along with comments attached at Annexure – 1.

Section (B)

Annual Progress reports for the following intramural projects.

1. “Effect of a Plastic Anemia Bone Marrow Mesenchymal Stem Cell Derived Extra-Cellular Vesicles on Hematopoietic Stem Cells”, submitted by **Prof. Soniya Niyand, PI, Dept. of Hematology.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

2. “Evaluation of the Prevalence of Invasive Aspergillosis and Optimal Duration of Anti-fungal Therapy in Acute Leukemia Patients Using Quantitative Galactomannan Antigen and Aspergillus DNA Assays”, submitted by **Prof. Soniya Nityanand, PI, Dept. of Hematology.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.


3. “Pharmacokinetics of Low-Dose Sofosbuvir in Dialysis-Dependent Patients With Hepatitis C Virus Infection”, submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,40,000=00 subject to funds availability.

4. “Role of GeneXpert MTB/RIF Assay for Detecting Mycobacterium Tuberculosis in Specimens Obtained by CT-Guided Needle Aspiration and Biopsy of Vertebral Lesions”, submitted by **Dr. Zafar Neyaz, PI, Dept. of Radiodiagnosis.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

5. “Validation of Rat Excision Wound Model and Exploring the Role of Compound K in wound Healing”, submitted by **Dr. Durga Prasanna Misra, PI, Dept. of Clinical Immunology.**


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The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

6. "Renal Outcome of Acute Kidney Disease in Critically ill Patients: A Prospective Observational Study", submitted by **Dr. Mohan Gurjar, PI, Dept. of C.C.M.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

7. "Phenotyping and Genotypic Characterization of Fosfomycin Resistance in Bacterial Isolates from Patients with Urinary Tract Infection", submitted by **Dr. Chinmoy Sahu, PI, Dept. of Microbiology.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

8. "To Study the Phenotypic spectrum of a Cohort of Patients with Parry Romberg syndrome and to Identify the Copy – Number Variations by Cytogenetic Microarray", submitted by **Dr. Deepti Saxena, PI, Dept. of Medical Genetics.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

9. "Determination of Myositis specific and Myositis Associated antibody profiles of Indian Myositis patients using the Immunoprecipitation assay", submitted by **Dr. Latika Gupta, PI, Dept. of Clinical Immunology.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,50,000=00 subject to funds availability.

10. "Assessment of Selenium Deficiency in Gluten-Free Diet in Patients with Celiac Disease", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Ped. Gastroenterology.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

11. "To Evaluate the Role of CXCR2 Ligands (IL-8 and Gro- α) and Cytokines (IL-1 β , TNF- α) on Alk 1 and Alk5 Imbalance in chondrocytes Derived from OA Cartilage", submitted by **Prof. Vikas Agarwal, PI, Dept. of Clinical Immunology.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,50,000=00 subject to funds availability.

12. A Study on the Prevalence of Clostridium Difficile Infection in Patients with Inflammatory Bowel Disease", submitted by **Prof. Ujjala Ghoshal, PI, Dept. of Microbiology.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

13. "To Study the Copy Number Variations of Y-Chromosome in Colorectal, Pancreatic and Prostate Cancer in Indian Patients", submitted by **Prof. Sarita Agarwal, PI, Dept. of Medical Genetics.**

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The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

14. "Outcome in Adulthood of Children with Enthesitis Related Arthritis (ERA) category of Juvenile Idiopathic Arthritis (JIA) and its Predictors", submitted by **Prof. Amita Aggarwal, PI, Dept. of Clinical Immunology.**

The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

15. "Prognostic and Predictive Value of Tumor Infiltrating Lymphocytes (TILs) and Programmed cell Death – Ligand 1 (PD-L1) in Breast Cancer", submitted to **Prof. Gaurav Agarwal, PI, Dept. of Endocrine Surgery.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,50,000=00 subject to funds availability.

16. "Clinical and Genotypic Profile of Arthrogyriposis", submitted by **Dr. Moirangthem Amita, PI, Dept. of Medical Genetics.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,40,000=00 subject to funds availability.

17. "Assessment of Endotoxins and Cytokines in Acute on Chronic Liver Failure (ACLF) Patients with Large Ascites and Acute Kidney Injury with Slow Albumin, Furosemide and Vasoconstrictors Therapy Versus Albumin and Vasoconstrictors and Oral Diuretics", submitted by **Dr. Gaurav Pande, PI, Dept. of Gastroenterology.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,50,000=00 subject to funds availability.

18. "Analysis of sequence variations in MEOX1, GDF3 and GDF6 genes in cases with congenital craniovertebral junction anomalies", submitted by **Dr. Sardhara Jayesh C., Dept. of Neurosurgery.**

The annual progress report was reviewed by the Reviewer. As per the request of PI committee granted one year extension upto 14.12.2020.

19. "To Study Sequence Variations in Genes Involved in Chromosome/Chromatid Separation Including Cohesin – Condensing Complex, Kinetocore Complex and Centromeric Proteins in Mothers of Individuals with Trisomy 21", submitted by **Prof. Shubha R. Phadke, PI, Dept. of Medical Genetics.**

The committee review the above annual progress report and was found satisfactory and recommend for release of second installment a sum of Rs. 2,50,000=00 subject to funds availability.

20. "Prospective Case control Study of Objective Cardiac and Vascular Changes in Pheochromocytoma and Paraganglioma and Their Reversal Following Curative Surgery", submitted by **Dr. Roopali Khanna, PI, Dept. of Cardiology.**


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The annual progress report was reviewed by the Reviewer. The progress on the above project was found to be satisfactory.

Section (C)

To consider the Final Progress reports for the following intramural projects.

1. "To Decipher the role of MRP-1, P-gp and class-I HDACs in steroid resistant and steroid sensitive bronchial asthma patient", submitted by **Dr. Zia Hashim, PI, Dept. of Pulmonary Medicine.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

2. "Prediction of Response to Methotrexate in Rheumatoid Arthritis: Using Genes Involved in Adenosine Pathway", submitted by **Prof. Amita Aggarwal, PI, Dept. of Clinical Immunology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

3. "Evaluation of clinical and serologic parameters predisposing to subclinical atherosclerosis in Spondyloarthropathy", submitted by **Dr. Durga Prasanna Misra, PI, Dept. of Clinical Immunology.** (15.07.2017 to 14.07.2019)

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

4. "Prevalence of coronary artery calcification and other cardiovascular disease risk factors in patients with young-onset type 2 diabetes mellitus", submitted by **Dr. Saroj K. Sahoo, PI, Dept. of Endocrinology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

5. "Relative adrenal insufficiency in children with chronic liver disease and effect of albumin therapy", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Ped. Gastroenterology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

6. "Cell Free DNA in Supernatant of Stored Red Cell Components", submitted by **Dr. Dheeraj Khetan, PI, Dept. of Transfusion Medicine.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

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7. "Diagnostic and prognostic significance of flow cytometry myeloma", submitted by **Dr. Ruchi Gupta, PI, Dept. of Hematology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

8. "Role of miRNA in the Pathogenesis of Acquired Aplastic Anemia", submitted by **Dr. Ruchi Gupta, PI, Dept. of Hematology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

9. "Role of Wnt pathway signaling module RNF43/ZNRF3 in colorectal cancer and their potentials as a therapeutic target", submitted by **Prof. Ashok Kumar, PI, Dept. of Surgical Gastroenterology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

10. "Role of Therapeutic Drug Monitoring in Children with Auto Immune Liver Disease Receiving Azathioprine: A Pilot Study", submitted by **Prof. Anshu Srivastava, PI, Dept. of Ped. Gastroenterology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

11. "Serum Bile Acid Levels in Indian Women with Intrahepatic Cholestasis of Pregnancy, as compared to Healthy Non-Pregnant and Pregnant Women, and Their Relation with Perinatal Outcome", submitted by **Dr. Sangeeta Yadav, PI, Dept. of M.R.H.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

12. "Evaluation of calreticulin (CALR) & myeloproliferative leukemias Virus (MPL) gene mutation profile in myeloproliferative neoplasm and their clinico-pathological correlation", submitted by **Dr. Khaliqur Rehman, PI, Dept. of Hematology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

13. "Role of Killer Cell Immunoglobulin-like Receptors (KIRs) in Selection of Haploidentical Donors", submitted by **Dr. Dinesh Chandra, PI, Dept. of Hematology.**

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The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

14. "Post-Traumatic Nerve Regeneration Pattern with Autologous Nerve Graft and Ultrathin Silicon Conduit", submitted by **Dr. A. K. Srivastava, PI, Dept. of Neurosurgery.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

15. "MRI as Determinant of Outcomes in Inception Cohort of Reactive Arthritis" submitted by **Dr. Latika Gupta, PI, Dept. of Clinical Immunology.**

The Final report was reviewed by the reviewer. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

Section (D)

Notification of Extension or additional grant of the following Intramural Project.

1. "Role of miRNA in the Pathogenesis of Acquired Aplastic Anemia", submitted by **Dr. Ruchi Gupta, PI, Dept. of Hematology. (15.12.2017 – 14.12.2019)** 1st extension granted till 14.06.2020 without any extra money to complete the project work.

Notification of 1st extension granted by the chairman Research Committee through file for the above project **upto 14.06.2020** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 14.06.2020 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

2. "Typing of Amyloid in Abdominal Fat Pad Aspirates: An Immuno-Electron Microscopic and Proteomic Analysis", submitted by **Dr. Vinita Agarwal, PI, Dept. of Pathology (15.12.2017 – 14.12.2019)**

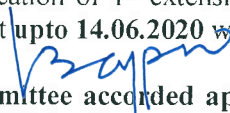
Notification of 1st extension granted by the chairman Research Committee through file for the above project **upto 14.12.2020** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 14.12.2020 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

3. "To Study the Biomarker Glycosylated Fibronectin as a Predictor of Gestational Diabetes in First Trimester in North Indian Population: A Pilot Study", submitted by **Dr. Indu Lata, PI, Dept. of Maternal & Reproductive Health. (15.12.2017 to 14.12.2019)**

Notification of 1st extension granted by the chairman Research Committee through file for the above project **upto 14.06.2020** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 14.06.2020 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.


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4. "Role of serum biomarker in high grade Glioma", submitted by **Dr. Kuntal Kanti Das, PI, Dept. of Neurosurgery.** (15.12.2017 to 14.12.2019)

Notification of 1st extension granted by the chairman Research Committee through file for the above project upto **14.12.2020** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 14.12.2020 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

5. "Evaluation of 1p and 19q Chromosome Status in Oligodendroglial Tumors" submitted by **Dr. Sushila Jaiswal, PI, Dept. of Pathology.** (01.07.2018 – 30.06.2020)

Notification of 1st extension granted by the chairman Research Committee through file for the above project upto **30.06.2021** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 30.06.2021 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

6. "Cost Saving on PET Scan by Recycling of Recovered ¹⁸O Enriched Water From Cyclotron", submitted by **Dr. Manish Dixit, PI, Dept. of Nuclear Medicine.** (15.12.2017 – 14.12.2019)

Notification of 1st extension granted by the chairman Research Committee through file for the above project upto **14.12.2020** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 14.12.2020 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

7. "Ruling-in Thyroid Malignancy by Molecular Diagnostics of Fine Needle Aspiration Cytology", submitted by **Prof. Amit Agarwal, PI, Dept. of Endocrine Surgery.** (01.07.2018 – 30.06.2020)

Notification of 1st extension granted by the chairman Research Committee through file for the above project upto **31.12.2020** without any extra money to complete the project work.

The Committee accorded approval for the extension upto 31.12.2020 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research Cell.

The committee ended with a vote of thanks to the chair.

(Prof. R. K. Dhiman)
Chairman

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SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Minutes of the the 80th Research Committee Meeting held on 25.07.2019 (Thursday) at 10:00 AM, in the Committee Room of the Guest House, SGPGI.

Present:

1.	Prof. Rakesh Kapoor, Director, SGPGI.	Chairman
2.	Prof. S. K. Mishra, Dean, SGPGI.	Member
3.	Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow	Member
4.	Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow.	Member
5.	Prof. R. N. Misra, Head, Dept. of Clinical Immunology, SGPGI.	Member
6.	Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI	Member
7.	Prof. Punita Lal, Head, Dept. of Radiotherapy, SGPGI	Member
8.	Prof. Preeti Dabadghao, Dept. of Endocrinology	Member
9.	Prof. Girish Gupta, Head, Dept. of Neonatology & Faculty Incharge Research, SGPGI.	Member Secretary

Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow, Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI, Prof. Sunil Jain, Head, Dept. of Radiodiagnosis, SGPGI, Dr. A. K. Srivastava, Dept. of Neurosurgery, SGPGI & Prof. Uttam Singh, Head, Dept. of Biostatistics & Health Informatics, SGPGI, , could not attend the above meeting.

The minutes of the 79th Research Committee meeting held on 20.12.2018, were confirmed.

(A) The Research committee was apprised about current availability of funds for intramural projects and has requested for supplementary budget for the year, 2019-20.

(B) During the Research Committee Business meeting, it has been decided by the members that the Intramural Projects agreed may be categorized as follows:

- Considered
- Committee agreed to support the project but needs minor revision and to be re- submitted within 15 days.
- Committee requested for a major revision and asked the PI to submit the revised project in the next RCM.
- Projects which need major revision need to be reviewed by mentoring group under the chairmanship of Prof U.C.Ghoshal before placing in the next RCM.
- Research Audit of each intramural project is a must after the submission of final progress report.
- Those faculty members who have shown exemplary achievement in research in particular shown example in converting intramural to extramural research funding and also bringing a new concept of Research in the Institute. The institute should seek their expertise for advancement of research of the institute.


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Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow


Faculty Incharge (Research)
SGPGIMS, Lucknow

Section (A)

Following New Intramural projects for consideration (2019 - 2021)

1. **A-01-PGI/IMP/80/2019** “Evaluation of Lower Urinary Tract Dysfunction (LUTD) in children with Anorectal Malformations (ARMs) Using Urodynamic Studies”, submitted by **Dr. Basant Kumar, PI, Dept. of Pediatric Surgical Superpeciality. (₹ 2,80,000)**

The committee considered the above project for intramural funding and a sum of Rs. 2,80,000=00 has been sanctioned, with change of PI. The committee suggested the PI to do minor revision and resubmit within 15 days to the Research cell.

2. **A-02-PGI/IMP/80/2019** “Neuroblastoma and Wilm’s Tumor: Co-relation of Computed Tomographic Findings with Serum/Urine Level of Fibroblast Growth Factor (bFGF) and serum Vascular Endothelial Growth Factor (VEGF) as A Marker of Prognosis”, submitted by **Dr. Basant Kumar, PI, Dept. of Pediatric Surgical Superpeciality. (₹ 3,00,000)**

The committee considered the above project for intramural funding and a sum of Rs. 300,000=00 has been sanctioned.

3. **A-03-PGI/IMP/80/2019** “A Randomized controlled trial of remosetron versus amitriptyline in patients with diarrhea-predominant irritable bowel syndrome and its relation with rectal hypersensitivity”, submitted by **Prof. Uday C. Ghoshal, PI, Dept. of Gastroenterology. (₹ 5,00,000)**

The committee considered the above project for intramural funding and a sum of Rs. 500,000=00 has been sanctioned.

4. **A-04-PGI/IMP/80/2019** “Development of Predictive Markers for Maternal and Neonatal Health Through Investigation of Mitochondrial changes During Healthy Pregnancy (A Pilot Study)”, submitted by **Dr. Lokendra K. Sharma, PI, Dept. of Molecular Medicine & Biotechnology. (₹ 5,00,000)**

The committee considered the above project for intramural funding and a sum of Rs. 500,000=00 has been sanctioned.


The committee suggested the PI to correlate the project with clinical outcome.

5. **A-05-PGI/IMP/80/2019** “Effect of Phosphodiesterase V Inhibitor on Fibroblast Derived from Biopsy specimen of IgA Nephropathy: An in-vitro study”, submitted by **Dr. Manas Ranjan Behara, PI, Dept. of Neprology. (₹ 5,03,000).**

The committee considered the above project for intramural funding and a sum of Rs. 500,000=00 has been sanctioned.


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6. A-06-PGI/IMP/80/2019 “Role of Circulating tumor DNA EGFR Mutations in Disease Monitoring of Non-small-cell Lung Carcinoma”, submitted by **Dr. Raghavendra L., PI, Dept. of Pathology.** (₹ 5,20,000)

The committee considered the above project for intramural funding and a sum of Rs. 500,000=00 has been sanctioned.

7. A-07-PGI/IMP/80/2019 “Microbiological characteristics of Tuberculous Peritonitis in Patients at a Tertiary Care Centre in Northern India”, submitted by **Dr. Richa Mishra, PI, Dept. of Microbiology.** (₹ 5,47,000)

It was decided by the committee that the project presented by the PI is acceptable in the current form. It needs major revision and the PI has been advised to rewrite the project and submit it in the project in the next RCM.

8. A-08-PGI/IMP/80/2019 “Evaluation of Peripheral Blood Dendritic cell subset count as a Potential Biomarker in Classic Hodgkin Lymphoma”, submitted by **Dr. Khaliqur Rahman, PI, Dept. of Hematology.** (₹ 4,25,000)

The committee considered the above project for intramural funding and a sum of Rs.4,25,000 has been sanctioned.

9. A-09-PGI/IMP/80/2019 “Generation of anti-CD19⁺ Chimeric Antigen Receptor (CD19⁺ CAR) T-cells and Evaluation of Cytotoxic Efficacy for Leukemic cells”, submitted by **Dr. Kulwant Singh, PI, (SCRC) Dept. of Hematology.** (₹ 5,00,000)

The committee considered the above project for intramural funding and a sum of Rs. 5,00,000 has been sanctioned.

10. A-10-PGI/IMP/80/2019 “Desmopressin Reduces Bleeding Risk After Percutaneous Kidney Biopsy: A Randomized Controlled Study”, submitted by **Dr. Narayan Prasad, PI, Dept. of Nephrology.** (₹ 5,25,000)

The committee considered the above project for intramural funding and a sum of Rs. 5,00,000 has been sanctioned.

11. A-11-PGI/IMP/80/2019 “LC-MS/MS method optimization for Vitamin D Metabolites estimation and its validation on clinical samples”, submitted by **Prof. Sushil Gupta, PI, Dept. of Endocrinology.** (₹ 6,00,000)

The committee considered the above project for intramural funding and a sum of Rs. 5,00,000 has been sanctioned.

12. A-12-PGI/IMP/80/2019 “Development of an APP for Patient-Doctor Communication minimizing patient OPD visits”, submitted by **Dr. Sujeet Kumar Gautam, PI, Dept. of Anaesthesiology.** (₹ 5,00,000)

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The committee agreed to consider the above project and advised the PI may start with only few variable (i.e may be Pain). The committee suggested the PI to do minor revision and resubmit within 15 days to the Research cell.

13. A-13-PGI/IMP/80/2019 “Incidence and Prognostic Significance of Androgen Receptors (AR) in Indian Triple Negative Breast Cancer (TNBC)”, submitted by **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery. (₹ 3,50,000)**

The committee considered the above project for intramural funding and a sum of Rs. 3,50,000 has been sanctioned.

14. A-15-PGI/IMP/80/2019 “The Effect of Ketogenic Diet on Expression of P-Glycoprotein, HDAC and Microparticles in Childhood Refractory Epilepsy”, submitted by **Dr. Vimal K. Paliwal, PI, Dept. of Neurology. (₹ 5,00,000)**

The committee considered the above project for intramural funding and a sum of Rs. 4,90,000 has been sanctioned.

15. A-16-PGI/IMP/80/2019 “Role of HRPT2 in Parathyroid Tumors”, submitted by **Prof. Amit Agarwal, PI, Dept. of Endocrine Surgery. (₹5,32,000)**

The committee considered the above project for intramural funding and a sum of Rs. 500,000 has been sanctioned.

16. A-17-PGI/IMP/80/2019 “Study of 24 Hours Glucose Profile in Patients with Gestational Diabetes”, submitted by **Dr. Preeti Dabadghao, PI, Dept. of Endocrinology. (₹ 3,02,000)**


The committee considered the above project for intramural funding and a sum of Rs. 3,02,000 has been sanctioned.

17. A-18-PGI/IMP/80/2019 “Brain Ageing Research: role of Genetic Modified Extra Cellular Vesicles (EVs) in Modulation of Age Related Chronic Neuroinflammation and Neuronal Function”, submitted by **Dr. Alok Kumar, PI, Dept. of Molecular Medicine & Biotechnology. (₹ 5,00,000)**

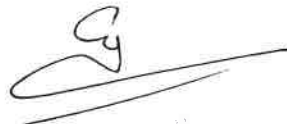
The committee considered the above project for intramural funding and a sum of Rs. 500000 has been sanctioned.

18. A-19-PGI/IMP/80/2019 “A Study of the Clinical, Laboratory and Radiological Profiles, Etiology and Outcomes of Patients with Acute Encephalitis Syndrome Identify the Uncommon Causes of Encephalitis in Uttar Pradesh”, submitted by **Dr. Vinita E. Mani, PI, Dept. of Neurology. (₹ 5,00,000)**

The committee agreed to consider the above project and advised the PI to collaborate with KGMU in order to avoid duplicity of study and has suggested the PI to do major revision and submit the project in the next RCM.


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19. **A-20-PGI/IMP/80/2019** “Investigating the Genetic Contributors to Spinocerebellar Ataxia in Indian Population” submitted by **Dr. Anshika Srivastava, PI, Dept. of Medical Genetics. (₹ 5,00,000)**

The committee considered the above project for intramural funding and advised the PI to include one Co- PI from the department of Neurology and resubmit the project to the Research Cell.

20. **A-21-PGI/IMP/80/2019** “Gene Expression Analysis During Trophoblast Cell Fusion Process”, submitted by **Dr. Santosh Kumar Verma, PI, Dept. of Molecular Medicine & Biotechnology. (₹ 6,19,568)**

The committee considered the above project for intramural funding. The committee advised the PI to curtail the budget to 5 lacs and resubmit the project to the Research Cell.

21. **A-22-PGI/IMP/80/2019** “Use of 18-F NaF PET/CT for early Detection and Risk Stratification of Re-ankylosis After Primary Correction of Temporomandibular Joint Ankylosis”, submitted by **Dr. Aftab Hasan Nazar, PI, Dept. of Nuclear Medicine. (₹ 2,05,000)**

The committee did not consider the above project for intramural funding.

22. **A-23-PGI/IMP/80/2019** “Assessment of Neurocognitive Dysfunction & C.R.S.D. In Obstruction Sleep Apnea”, submitted by **Dr. Zia Hasim, PI, Dept. of Pulmonary Medicine. (₹ 5,90,080).**

The committee considered the above project for intramural funding for intramural funding and advised the PI to include one Co- PI from the department of Neurology/ Psychology and resubmit the project to the Research Cell after revising the budget details. The committee suggested the PI to do these minor revisions and resubmit within 15 days to the Research cell.

Section (B)

To consider the Annual Progress reports for the following intramural projects.

1. “Colistin Resistance Gene, mcr-1 in Clinical, Veterinary and Environmental Bacterial Isolates and The Clonal Lineage Profiling”, submitted by **Prof. K. N. Prasad, PI transferred to Dr. Chinmoy Sah Dept. of Microbiology. (15.12.2017 to 14.12.2018)**

The annual progress report was presented by PI. The progress on the above project was found to be satisfactory.

Section (C)

To consider the Final Progress reports for the following intramural projects.

1. “A Study of Molecular typing of Kell, Kidd & Dyffy Blood Group system in Multiply Transfused and DAT Positive AIHA Patient Population”, submitted by **Dr. Atul Sonker, PI, Dept. of Transfusion Medicine. (31.3.2016 to 30.3.2018)**

The final progress report was noted by the committee and found that the project has been completed by the PI. The committee suggested the PI for submission of manuscript to the Research Cell, at the earliest for Research Audit purpose and even requested the PI to submit a copy of the research paper after its publication.

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2. "Evaluation of immune response to alpha crystalline antigen Mycobacterium tuberculosis as a predictor of progressive TB infection in patients with autoimmune disorders", submitted by **Prof. R. N. Misra, PI, Dept. of Clinical Immunology. (01.12.2016 - 30.11.2018)**

The final progress report was noted by the committee and found that the project has been completed by the PI. The committee suggested the PI for submission of manuscript to the Research Cell, at the earliest for Research Audit purpose and even requested the PI to submit a copy of the reprint of the research paper after its publication.

The Committee also recognized the work of the Emeritus Scientist who has been working in the department and whose contribution has been instrumental in providing the TB based theme research in the department. Based on his works the PI was able to get larger ICMR research Grant for the Institute.

3. "Resistance-associated Variants of Hepatitis C Virus in Indian Patients", submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology. (01.12.2016-30.11.2018)**

The final progress report was noted by the committee and found that the project has been completed by the PI. The PI has also mentioned that on the basis of this intramural project an extramural project has been accepted by ICMR and has even received the funds for that. The committee appreciated the work of the PI and has suggested the PI for submission of manuscript to the Research Cell, at the earliest for Research Audit purpose and even requested the PI to submit a copy of the reprint of the research paper after its publication

4. "Risk of Hepatitis E Virus Transmission among Patients Receiving Multiple Blood or blood Component Transfusions", submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology. (01.12.2016-30.11.2018) extended up to 31.01.2019.**

The final progress report was noted by the committee and found that the project has been completed by the PI. The committee suggested the PI for submission of manuscript to the Research Cell, at the earliest for Research Audit purpose and even requested the PI to submit a copy of the reprint of the research paper after its publication

The committee ended with a vote of thanks to the chair.


(Prof. Rakesh Kapoor)
Director, SGPGI

DIRECTOR
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(Prof. Girish Gupta)
Faculty I/c Research
Faculty Incharge (Research)
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Lt Col Varun Bajpai VSM
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9 SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Minutes of the 79th Research Committee Meeting was held on 20.12.2018 (Thursday) at 11:00 AM, in the Committee Room of the Guest House, SGPGI.

Present:

1.	Prof. Rakesh Kapoor, Director, SGPGI.	Chairman
2.	Prof. S. K. Mishra, Dean, SGPGI.	Member
3.	Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow	Member
4.	Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow.	Member
5.	Prof. R. N. Misra, Head, Dept. of Clinical Immunology, SGPGI.	Member
6.	Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI	Member
7.	Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI	Member
8.	Dr. A. K. Srivastava, Dept. of Neurosurgery, SGPGI.	Member
9.	Prof. Girish Gupta, Head, Dept. of Neonatology & Faculty Incharge Research, SGPGI.	Member Secretary

Prof. Punita Lal, Dept. of Radiotherapy, SGPGI, Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI, Prof. Sunil Jain, Dept. of Radiodiagnosis, SGPGI, Prof. Preeti Dabadghao, Dept. of Endocrinology, SGPGI & Prof. Uttam Singh, Dept. of Biostatistics & Health Informatics, SGPGI, Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow, could not attend the above meeting.

The minutes of the 78th Research Committee meeting held on 12.09.2018, were confirmed.

(A) The Research committee was apprised about current availability of funds for intramural projects and pending request for more funds by the second week of January, 2019. Thus the members were asked to recommend the projects priority wise.

(B) During the Research Committee Business meeting, it has been decided by the members that the DM/MCh./Ph.D. researcher can be co-investigator in the Intramural projects submitted by the faculty as PI. Thus first priority will be given to the projects submitted by the PI for the students. Second priority will be given to the new faculty applying for the first time followed by other projects on merit. This may be placed before the upcoming Academic board meeting for its approval.

Section (A)

To consider the new Intramural projects. (2018 - 2020)

1. A-01-PGI/IMP/79/2018 "Clinical and Genotypic Profile of Arthrogryposis", submitted by **Dr. Moirangthem Amita, PI, Dept. of Medical Genetics.**

The committee considered the above project for intramural funding and a sum of Rs. 4,90,000=00 has been sanctioned subject to funds availability.

2. A-02-PGI/IMP/79/2018 "To Study Sequence Variations in Genes Involved in Chromosome/Chromatid Separation Including Cohesin – Condensing Complex, Kinetocore Complex and Centromeric Proteins in Mothers of Individuals with Trisomy 21", submitted by **Prof. Shubha R. Phadke, PI, Dept. of Medical Genetics.**

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9. A-09-PGI/IMP/79/2018 “Pelvic Diameter to Cortical Thickness Ratio in Antenatally Detected Unilateral Pelvi-Ureteric Junction Obstruction”, submitted by **Dr. Ankur Mandelia, PI, Dept. of Pediatric Surgical Super Specialties.**

The committee has approved the above project.

10. A-10-PGI/IMP/79/2018 “To Study the Role of Food Supplementations, Including Probiotic Preparation VSL#3® in Reduction of Intestinal Permeability and Blood Endotoxins Level in Child B Cirrhosis”, submitted by **Dr. Vinod Kumar, PI, Dept. of Gastroenterology.**

The committee considered the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned subject to funds availability. The committee suggested the PI to make the study removing the group 2 which was proposed to receive SMT + 250gm fresh curd (daily for one month) and continue with the study with STM + curcuma longa extract and VSL#3 only.

11. A-11-PGI/IMP/79/2018 “Evaluation of the Prevalence of Invasive Aspergillosis and Optimal Duration of Anti-fungal Therapy in Acute Leukemia Patients Using Quantitative Galactomannan Antigen and Aspergillus DNA Assays” submitted by **Prof. Soniya Nityanand, PI, Dept. of Clinical Hematology.**

The committee considered the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned subject to funds availability. The PI has been requested to revise the budget particulars and resubmit a copy to the Research cell.

12. A-12-PGI/IMP/79/2018 “Prognostic and Predictive Value of Tumor Infiltrating Lymphocytes (TILs) and Programmed cell Death – Ligand 1 (PD-L1) in Breast Cancer”, submitted by **Prof. Gaurav Agarwal, PI, Dept. of Endocrine Surgery.**

The committee considered the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned subject to funds availability. The PI has been requested to revise the budget particulars and resubmit a copy to the Research cell.

13. A-13-PGI/IMP/79/2018 “Prospective Case Control Study of Objective Cardiac and Vascular Changes in Pheochromocytoma and Paraganglioma and Their Reversal Following Curative Surgery”, submitted by **Dr. Roopali Khanna, PI, Dept. of Cardiology.**

The committee considered the above project for intramural funding and a sum of Rs. 4,36,000=00 has been sanctioned subject to funds availability.

14. A-14-PGI/IMP/79/2018 “Validation of Clinical Metagenomics for Rapid Diagnosis and Antibiotic Resistance Profiling in Percutaneous Nephrolithotomy (PCNL) Ureterorenoscopic Lithotripsy (URSL) Cases by Using Biosensor Sequencing Technology (BST)”, submitted by **Prof. A. K. Shukla, PI, Dept. of Nuclear Medicine.**

The committee considered the above project for intramural funding and sanctioned a sum of Rs. 5,00,000=00 subject to availability of funds and submission of revised budget particulars accordingly as well as undertaking that after superannuation of PI, it would be responsibility of Co-PI to take completing of the project.

Section (B)

To consider the Final Progress reports for the following intramural projects.

1. “Association of Anti-Phospholipase A2 Receptor Antibodies and PLA2R Polymorphism with Clinical Status in Membranous Nephropathy”, submitted by **Prof. Narayan Prasad, PI, Dept. of Nephrology.**

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Faculty Incharge (Research)
SGPGIMS, Lucknow

2. "Evaluation of VDR, LRP5, RANKL, OPG and vitamin D binding protein gene polymorphism influencing longitudinal rate of change in BMD", submitted by **Prof. Sushil Gupta, PI, Dept. of Endocrinology.**

The PI has submitted the report but could not present the final report due to leave. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record which is mandatory for audit purpose.

Section (C)

Notification of Extension grant of the following Intramural Project.

1. "Risk of Hepatitis E Virus Transmission Among Patients Receiving Multiple Blood or Blood Component Transfusions", submitted by **Dr. Amit Goel, PI, Dept. of Gastroenterology (11.04.2016 – 10.04.2018)**

The Committee accorded approval for the extension upto 31.01.2019 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research cell.

2. "Evaluation of immune response to alpha crystalline antigen Mycobacterium tuberculosis as a predictor of progressive TB infection in patients with autoimmune disorders", submitted by **Prof. R. N. Misra, PI, Dept. of Clinical Immunology.**

The Committee accorded approval for the extension upto 30.06.2019 and noted the extension of the above project. The committee suggested the PI to complete the project in the stipulated time period and submit a copy of final report to the Research cell.

The meeting ended with vote of thanks to the chair.



(Prof. Rakesh Kapoor)
Chairman

DIRECTOR
Sanjay Gandhi Post Graduate
Institute of Medical Sciences
LUCKNOW-226 014, INDIA



(Prof. Girish Gupta)
Faculty I/c Research

Faculty Incharge (Research)
SGPGIMS, Lucknow



Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

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Minutes of the 78th Research Committee Meeting held on 12.09.2018 at 11:00 AM, in the Committee Room of the Guest House, SGPGI.

Present:

- | | | |
|-----|--|------------------|
| 1. | Prof. Rakesh Kapoor, Director, SGPGI. | Chairman |
| 2. | Prof. Rajan Saxena, Dean, SGPGI. | Member |
| 3. | Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow | Member |
| 4. | Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow. | Member |
| 5. | Prof. R.C. Ahuja, Former-HOD Medicine, KGMU, Lucknow. | Member |
| 6. | Prof. R.N. Misra, Head, Dept. of Clinical Immunology, SGPGI. | Member |
| 7. | Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI | Member |
| 8. | Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI | Member |
| 9. | Prof. Punita Lal, Dept. of Radiotherapy, SGPGI | Member |
| 10. | Dr. A.K. Srivastava, Dept. of Neurosurgery, SGPGI. | Member |
| 11. | Prof. Girish Gupta, Head, Dept. of Neonatology & Faculty Incharge Research, SGPGI. | Member Secretary |

Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI, Prof. Sunil Jain, Dept. of Radiodiagnosis, SGPGI, Prof. Preeti Dabadhao, Dept. of Endocrinology, SGPGI & Prof. Uttam Singh, Dept. of Biostatistics & Health Informatics, SGPGI, could not attend the above meeting.

The minutes of the 77th Research Committee meeting held on 04.06.2018, were confirmed.

Section (A)


New intramural projects (2018 - 2020)

1. **A-01-PGI/IMP/78/2018** "A Prospective Study to Compare the Results of Intraoperative Turbo Thyroglobulin Estimation vs Frozen Section in Suspected Cervical Lymphnodes During Differentiated Thyroid Carcinoma Surgery", submitted by **Dr. Gyan Chand, PI, Dept. of Endocrine Surgery. (1,58,400)**

The committee approved the above project for intramural funding and a sum of Rs. 1,58,400=00 has been sanctioned.

2. **A-02-PGI/IMP/78/2018** "To Examine the Immunomodulatory Effect of Umbilical Cord Blood Mesenchymal Stem Cell on HLA Matched Immune Cell Interactions in the Context of Type 1 Diabetes", submitted by **Dr. Swasti Tiwari, PI, Dept. of Molecular Medicine & Biotechnology. (5,00,000)**


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SGPGI.I.C.S., Lucknow

Dr. Swasti Tiwari could not attend the above meeting due to her prior commitment. In her place with the permission of Chairman Research committee, Prof. Eesh Bhatia, Co-Investigator of the above project presented the project. The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

3. A-03-PGI/IMP/78/2018 "Enhanced Expression of β -D-Galactosidase in Probiotic Strains of Lactic Acid Bacteria Against Lactose Intolerance", submitted by Dr. Anita Saxena, PI, Dept. of Nephrology. (3,80,000)

The committee approved the above project for intramural funding and a sum of Rs. 3,80,000=00 has been sanctioned. The committee suggested inclusion of one more Co-Investigator from the Dept. of Microbiology as likely superannuation of Prof. K. N. Prasad, which is due on 31.03.2019.

4. A-04-PGI/IMP/78/2018 "Adrenal Histoplasmosis: Longitudinal Study of Cortisol Reserve and Possible Role of Immune Deficiency in Susceptibility", submitted by Prof. Eesh Bhatia, PI, Dept. of Endocrinology. (5,16,000)

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

5. A-05-PGI/IMP/78/2018 "Bone Health, Vitamin D Deficiency and its Replenishment in children Receiving Antiepileptic drugs", submitted by Dr. Siddhnath Sudhanshu, PI, Dept. of Endocrinology. (5,64,000)

The committee recommended the following changes:


1. Removal of the word toxicity.
2. Make modification in the title and necessary changes as suggested by Research committee.


The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

6. A-06-PGI/IMP/78/2018 "Work-Life Balance (WLB) Among Employees in Health Care Sector: A Study of Hospitals in Lucknow", submitted by Dr. Anup Kumar, PI, Dept. Of B.H.I. (2,68,650)

The committee approved the above project for intramural funding and a sum of Rs. 2,68,650=00 has been sanctioned subject to redesigning the questionnaire and present the work after three months for its final approval.


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SGPGIMS, Lucknow

7. A-07-PGI/IMP/78/2018 "Genetic and Immunological Characteristics and Skeletal Muscle Dysfunction in Patients with Hypoparathyroidism", submitted by **Dr. Saroj K. Sahoo, PI, Dept. of Endocrinology. (5,00,000)**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned. The committee advised the PI to work only in Genetics and modify the title and submit the revised protocol.

8. A-08-PGI/IMP/78/2018 "MRI as Determinant of Outcomes in Inception Cohort of Reactive Arthritis", submitted by **Dr. Latika Gupta, PI, Dept. of Clinical Immunology. (5,25,300)**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 has been sanctioned.

Section (B)

Final Progress reports for the following intramural projects

1. "Evaluation of Molecular Mutations & Their Correlation with Response to Induction chemotherapy in Acute Myeloid Leukemia", submitted by **Dr. Anshul Gupta, PI, Dept. of Hematology. (28.04.2016 – 27.04.2018)**

The final report was presented by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

2. "Molecular Characteristics Including Ikaros 6 Isoform Expression in Indian Acute Lymphoblastic Leukemia Patients", submitted by **Prof. Soniya Nityanand, PI, Dept. of Hematology. (16.04.2016 – 10.04.2018)**


The final report was presented by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

3. "Role of Maternal Serum Folic Acid Receptor Alpha in Fetal Neural Tube Defect", submitted by **Dr. Neeta Singh, PI, Dept. of M.R.H. (10.03.2015 – 31.12.2017) Extended upto December, 2017.**

The final report was presented by the PI. The committee found that the project was completed by the PI after the extension of the project. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

4. "Exocrine and Endocrine Insufficiency in Children with chronic Pancreatitis: Predictors and Effort on Nutritional Status and Bone Mineral Density", submitted by **Prof. Anshu Srivastava, PI, Dept. of Paed. Gastroenterology. (20.10.2015 – 19.10.2017) Extended upto 31.01.2018.**


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S.G.P.G.I.M.S., Lucknow

The final report was presented by the PI. The committee found that the project was completed by the PI after the extension of the project. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

5. "Role of IL-22 in Enthesitis Related Arthritis (ERA) category of Juvenile Idiopathic Arthritis (JIA)", submitted by Prof. Amita Aggarwal, PI, Dept. of Clinical Immunology. (16.08.2017 – 15.08.2018)

The final report was presented by the PI. The committee found that the project was completed. The committee suggested the PI to submit a copy of manuscript to the Research Cell for its record.

Section (C)

Annual Progress report for the following intramural projects.

1. "Evaluation of clinical and serologic parameters predisposing to subclinical atherosclerosis in Spondyloarthropathy", submitted by Dr. Durga P. Misra, PI, Dept. of Clinical Immunology. (15.07.2017 – 14.07.2019)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

2. "Role of Wnt pathway signaling module RNF43/ZNRF3 in colorectal cancer and their potentials as a therapeutic target", submitted by Prof. Ashok Kumar, PI, Dept. of Surgical Gastroenterology. (15.07.2017 – 14.07.2019)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

3. "Prevalence of coronary artery calcification and other cardiovascular disease risk factors in patients with young-onset type 2 diabetes mellitus", submitted by Dr. Saroj K. Sahoo, PI, Dept. of Endocrinology. (15.07.2017 – 14.07.2019)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

4. "Cell Free DNA in Supernatant of Stored Red Cell Components", submitted by Dr. Dheeraj Khetan, PI, Dept. of Transfusion Medicine. (15.07.2017 – 14.07.2019)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

5. "Diagnostic and Prognostic Significance of Flow Cytometry in Myeloma", submitted by Dr. Ruchi Gupta, PI, Dept. of Hematology. (15.07.2017 – 14.07.2019)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

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6. "Hypertension in Young Patients with Type 1 diabetes mellitus: Prevalence, Risk Factors and early renal injury markers", submitted by Prof. V. L. Bhatia, PI, Dept. of Endocrinology. (15.07.2017 – 14.07.2019)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

Section (D)

Notification of Extension or additional grant of the following Intramural Project.

1. "Serum Bile Acid Levels in Indian Women with Intrahepatic Cholestasis of Pregnancy, as compared to Healthy Non-Pregnant and Pregnant Women, and Their Relation with Perinatal Outcome", submitted by **Dr. Sangeeta Yadav, PI, Dept. of M.R.H. (16.8.2016 - 15.8.2018)**

As per statement of PI she has collected 140 samples of which 70 samples have been processed. However she needs to collect 60 samples more and buy the remaining kit as the reagent has a short duration of expiry and complete the above project, the chairman Research Committee has already granted extension through file for the above project **upto 15.02.2019**.


The Committee accorded approval for the six months extension upto 15.02.2019 and noted the extension of the above project.

2. "Evaluation of immune response to alpha crystalline antigen Mycobacterium tuberculosis as a predictor of progressive TB infection in patients with autoimmune disorders", submitted by **Prof. R. N. Misra, PI, Dept. of Clinical Immunology. (01.12.2016 - 30.11.2018)**

As per the statement of PI, for sanction of additional budget of Rs. 1.5 lakh besides Rs. 4,90,000 sanctioned earlier for the above project to complete the project work.

The committee approved the additional grant of Rs. 1,50,000=00, for the above project to complete the project work. The committee advised the PI to submit the manuscript to the Research Cell after completion of the project.

The meeting ended with vote of thanks to the chair.


Prof. Girish Gupta
Faculty I/c Research &
Member Secretary
Prof. Girish Gupta
Faculty Incharge (Research)
S.G.P.G.I.M.S.
Lucknow-226014


Prof. Rakesh Kapoor
Director & Chairman

DIRECTOR
Sanjay Gandhi Post Graduate
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Executive Registrar
SGPGIMS, Lucknow

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**SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES,
LUCKNOW**

Minutes of the 77th **Research Committee Meeting** held on 4th **June, 2018** at 03:30 PM, in
the Committee room of the Guest house, SGPGI.

Present:

- | | | |
|----|---|---------------------|
| 1. | Director, SGPGI. | Chairman |
| 2. | Dean, SGPGI. | Member |
| 3. | Prof. R. N. Misra, Head, Dept. of Clinical Immunology, SGPGI | Member |
| 4. | Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI | Member |
| 5. | Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI | Member |
| 6. | Prof. Punita Lal, Head, Dept. of Radiotherapy, SGPGI | Member |
| 7. | Prof. Preeti Dabadghao, Dept. of Endocrinology, SGPGI | Member |
| 8. | Prof. Girish Gupta, Head, Dept. of Neonatology &
Faculty Incharge Research, SGPGI. | Member
Secretary |

Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow-Member, Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow-Member, Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow-Member, Prof. Sunil Jain, Department of Radiodiagnosis, SGPGI-Member, Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI-Member, Prof. Uttam Singh, Dept. of Biostatistics & Health Info., SGPGI-Member & Dr. Arun Srivastava, Dept. of Neurosurgery, SGPGI-Member, could not attend the above meeting.

The minutes of the 76th Research Committee meeting held on 08.05.2018, were confirmed.

Guidelines for research activities to be carried out by the faculty members/scientists who have been re-employed by the Institute on Contractual Basis.

The committee deliberated the above guidelines and unanimously approved the above guidelines, for its placement to the higher bodies for deliberation & approval attached at **annexure-I.**


Prof. R. N. Misra


Prof. Sanjay Gambhir


Prof. Aditya Kapoor


Prof. Punita Lal


Prof. Preeti Dabadghao


Dean, SGPGI


Prof. Girish Gupta
Member Secretary


Director & Chairman


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

**Sanjay Gandhi Postgraduate Institute of Medical Sciences,
Lucknow**

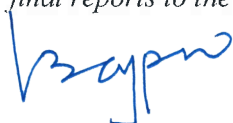
Guidelines for research activities to be carried out by the faculty members/scientists who have been re-employed by the Institute on Contractual Basis

With reference to the SGPGI regulations-2011 under the section 41 (i)(f) and section 23(3) of point no. 97, regarding the re-employment of the faculty with the prior approval of the Governing Body and appointing authority up to maximum of three years after the age of superannuation.

Consequently, the following criteria will be the applicable for the faculty members, who have been given re-employment on contractual basis after the age of superannuation.

Extramural project

- 1 For faculty member approaching superannuation, the remaining service period of PI should be longer than the duration of the project, at the time of submission of the project through the institute.
2. The faculty member can work as a Principal Investigator for his/her ongoing projects which were earlier sanctioned by the funding agency provided the following terms & conditions:
 - a There has to be a Co-investigator from the same department with an undertaking that in case the PI is not available, he/she will continue the project work up to its duration with all the administrative & financial responsibility and submit/present the progress/final progress report, as per the requirement of the funding agency.
 - b Prior approval from the funding agency is required by the PI for further continuation of the project as PI at least 3 months before the superannuation.
- 3 The Principal Investigator (on contractual appointment)/Co-investigator's are entitled to attend international/national conferences, related to the concerning projects, subject to approval from the funding agency for permission and utilization of funds from travel/contingency head, viz; TA/DA, Visa fees, Registration & Medical Insurance fees etc.
4. *In exceptional case, after re-employment (on contractual basis) he/she may submit a project to the funding agency as Principal Investigator provided the duration of the project is not more than the term of appointment and its approval by the Departmental Research Committee. There has to be one co-investigator from the same Department with the undertaking to take the responsibility of the project (Administrative & Financial) in the absence of PI to complete the project work & take the responsibility for its submission of final reports to the extramural funding agency.*



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Both PI & Co-investigator can utilize the funds as per the decision taken by the 78th Governing Body meeting held on 28th September, 2013.

Collaborative project

1. Any international/national collaborative projects will not be forwarded by the institute where the duration of the collaborative project is longer than the remaining service period of the Principal Investigator, at the time of the submission of collaborative project.
2. In case, the concerning PI has been given extension of services and the running collaborative project is not been completed, then the PI may complete the project as a PI with the condition that there has to be one Co-investigator from the same Department with the undertaking that in case PI is un-available, then the Co-PI will complete the remaining work of the project with the administrative & financial responsibilities along with the submission of final report.
3. In case, Co-PI becomes the PI for the collaborative project, the addendum of MOU has to be signed by the parties concerned with their authorized representative.
4. *In exceptional case, the re-appointed faculty member may submit the collaborative projects (national/international organizations) as Principal Investigator subject to condition that the duration of the collaborative project should not exceed with the duration of the re-appointment. The project has to be approved by the Departmental Research Committee. There has to be one co-investigator from the same Department with the undertaking to take the responsibility of the project (Administrative & Financial) in the absence of PI. There has to be an Memorandum Of Understanding document with the counter signature of PI & Co-PI as well as Heads of the both collaborative organizations.*
Both PI & Co-investigator can utilize the funds as per the decision taken by the 78th Governing Body meeting held on 28th September, 2013.

Clinical drug/device trials

Since, the clinical & device trials are mostly competitive & target based hence, the following criteria may be adopted for the faculty members, who are given extension of the services.

1. The PI can do the clinical drug/device trials which were earlier done by him/her, subject to approval from the institute as well as by the sponsor.
2. There has to be one co-investigator associated in the same drug/device trial and in case, the PI leaves the institute or absence, the co-investigator will act as a PI subject to approval from the sponsor, its amendment in the DCGI approval letter with the amendment in the new Clinical Trial Agreement to be signed by the competent authorities with inclusion the name of earlier co-investigator as Principal Investigator.
3. The change of co-investigator-ship should also be notified in the Institutional Ethics Committee of the institute.
4. Both PI & Co-investigator can attend the international/national conferences utilizing the unspent/overhead money of the concerning drug/device trial for the payment of TA/DA, Registration fees, Visa charges and Medical insurance, as per rules of the institute.
5. The PI (on contract) can also be co-investigator in any other drug/device trial submitted by any other faculty member as PI.
6. *In exceptional case, the re-appointed faculty member on contractual basis can undertake clinical/device trials as Principal Investigator subject to condition that the duration of the clinical/device trials should not be more than the duration of his/her contractual*



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SGPGIMS, Lucknow

appointment. The duration of the trial has to be confirmed by the Institutional Ethics Committee of the Institute. There has to be one co-investigator from the same Department with the undertaking to complete the clinical/device trials in his/her absence and utilize the money during the absence of PI. The Clinical Trial Agreement has to be counter signed by PI & Co-investigator as well as competent authorities of both the organizations.

Both PI & Co-investigator can utilize the funds as per the decision taken by the 78th Governing Body meeting held on 28th September, 2013.

Intramural project

1. The faculty member appointed on contractual basis, can not submit intramural project as Principal Investigator.
2. He/she can be co-investigator in any intramural project submitted to the institute for intramural funding, during his/her tenure of contractual appointment.

Ph.D. guide ship

1. As per the Ph.D. rule & regulations of the institute, the faculty member due to superannuation in next 3 years will not be eligible as guide from the date of the request.
2. In case, the work has not been completed by the student and the guide is superannuated then the next co-guide (preferably from the same Department) will act as a guide with an undertaking that all the bench work of the student, publication of research article, submission of thesis and conduct of viva-voce examination will be carried out by him/her.
3. The change of guide ship should be 3 months before superannuation of regular guide to ensure the smooth transfer of student.
4. However, the superannuated faculty member who was earlier guide may act as a co-guide with the consent of doctoral committee and the Dean.
5. All the facilities shall be provided to the student by the Head of the concerning Department related to his/her thesis work.

SRF/RA/Women Scientist/ Fast track/NPDF/DBT welcome trust/Ramalingaswami Re-entry fellowship

1. The institute will not forward any project related to the above fellowships submitted by the student under the mentorship of a faculty member whose remaining service period is less than the duration of the submitted fellowships.
2. In case, the ongoing project is being extended by the funding agency and the supervisor/mentor has been superannuated and appointed on contractual basis, he/she may be allowed to retain the supervisor/mentorship, with the condition that there has to be one co-supervisor/mentor from the same department duly approved by the funding agency.



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Technology development project/activities

Any Nodal Officer/PI earlier involved in any technology development project/activities funded by an extramural Govt. funding agencies/Govt. corporation etc. may continue as Nodal Officer/PI, provided one other co-nodal officer/co-PI is associated from the same or other Department as decided by the Head of the Institution for smooth conduction of the technology development project/activities. It will be responsibility of co-nodal officer/co-PI, to carry out the full administrative and financial responsibilities concerning to the technology development project/activities, in the absence of Nodal Officer/PI.

DM/M.Ch./MD projects

The DM/M.Ch./MD programmes are entirely a departmental activity and Heads of the concerning Department will be responsible for this activity. It is the responsibility of the Head of the Department to assign the student projects and their respective supervisor. However, the faculty appointed on contractual basis may be taken as Co-supervisor for DM/M.Ch./MD programmes, subject to approval from the Departmental Research committee.

Independent/non-funded projects

The faculty member appointed on contractual basis may undertake independent projects as PI where there is no funds involvement but there has to be one co-investigator from the same Department with the undertaking to look after the project work in the absence of PI. The project work should also be approved by the Departmental Research Committee and ethical clearance by the Institutional Ethics Committee of the Institute.

The Director shall have right to relax any of the above guidelines after recording justified reasons thereof.



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SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Minutes of the 76th Research Committee Meeting held on 8th May, 2018 at 11:00 AM, in the Committee Room of the Guest house, SGPGI.

Present:

- | | | |
|-----|--|------------------|
| 1. | Prof. Rakesh Kapoor, Director, SGPGI. | Chairman |
| 2. | Prof. Rajan Saxena, Dean, SGPGI. | Member |
| 3. | Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow | Member |
| 4. | Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow. | Member |
| 5. | Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI | Member |
| 6. | Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI | Member |
| 7. | Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI. | Member |
| 8. | Prof. Punita Lal, Dept. of Radiotherapy, SGPGI | Member |
| 9. | Prof. Preeti Dabadhao, Dept. of Endocrinology, SGPGI | Member |
| 10. | Dr. A.K. Srivastava, Dept. of Neurosurgery, SGPGI. | Member |
| 11. | Prof. Girish Gupta, Head, Dept. of Neonatology & Faculty Incharge Research, SGPGI. | Member Secretary |

Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow, Prof. Sunil Jain, Department of Radiodiagnosis, SGPGI & Prof. Uttam Singh, Dept. of Biostatistics, SGPGI, could not attend the above meeting.

The minutes of the 75th Research Committee meeting held on 14.11.2017, were confirmed.

Section (A)

New intramural projects

1. **A-01-PGI/IMP/76/2018** “Phenotyping and Genotypic Characterization of Fosfomycin Resistance in Bacterial Isolates from Patients with Urinary Tract Infection”, submitted by **Dr. Chinmoy Sahu, PI, Dept. of Microbiology.**

The committee approved the above project for intramural funding and a sum of Rs. 3,00,000=00 was sanctioned. The committee advised the PI that the follow up of the patients is to be included in the study for better results.

Therefore, the committee advised the PI to submit the revised protocol in incorporating the above suggestions latest by 10th June, 2018, to the Research Cell.



2. **A-02-PGI/IMP/76/2018** “Renal Outcome of Acute Kidney Disease in Critically ill Patients: A Prospective Observational Study”, submitted by **Dr. Mohan Gurjar, PI, Dept. of C.C.M., SGPPI.**

The committee approved the above project for intramural funding and a sum of Rs. 2,95,000=00 was sanctioned. The committee advised the PI that the objective should be more specific.

Hence, the committee advised the PI to submit the revised protocol as per the more specific objective latest by 10th June, 2018, to the Research Cell.

3. **A-03-PGI/IMP/76/2018** “Ruling-in Thyroid Malignancy by Molecular Diagnostics of Fine Needle Aspiration Cytology”, submitted by **Prof. Amit Agarwal, PI, Dept. of Endocrine Surgery.**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 was sanctioned.

4. **A-04-PGI/IMP/76/2018** “Expression of Death and Survival Signals in Tuberculosis Meningitis: Correlation With Disease Severity and Outcome”, submitted by **Prof. Jayantee Kalita, PI, Dept. Of Neurology.**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 was sanctioned.

5. **A-05-PGI/IMP/76/2018** “Correlation of RET Genotype with Clinical, Pathological Attributes and Outcomes in Patients with Medullary Thyroid Cancer”, submitted by **Prof. Gaurav Agarwal, PI, Dept. of Endocrine Surgery.**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 was sanctioned.

6. **A-06-PGI/IMP/76/2018** “To Study on the Mosaic Loss of Y-Chromosome in Colorectal, Pancreatic and Prostate Cancer in Indian Patients”, submitted by **Prof. Sarita Agarwal, PI, Dept. of Medical Genetics.**

The committee approved the above project for intramural funding and a sum of Rs. 3,50,000=00 was sanctioned. The committee advised the PI:

- a) **To include some more clinicopathological parameters in the study for correlation.**
- b) **Define the methodology for the controls in the study.**

Accordingly, the committee advised the PI to submit the revised protocol as per the above suggestions latest by 10th June, 2018, to the Research Cell.



7. **A-07-PGI/IMP/76/2018** “Assessment of Selenium Deficiency in Gluten-Free Diet in Patients with Celiac Disease”, submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Pediatric Gastroenterology**.

The committee approved the above project for intramural funding and a sum of Rs. 4,50,000=00 was sanctioned. The committee advised the PI to include one co-investigator from the Department of Endocrinology, SGPGI.

Therefore, the committee advised the PI to submit the revised protocol with the inclusion of one co-investigator from the Department of Endocrinology, SGPGI, latest by 10th June, 2018, to the Research Cell.

8. **A-08-PGI/IMP/76/2018** “Prediction of Response to Methotrexate in Rheumatoid Arthritis: Using Genes Involved in Adenosine Pathway”, submitted by **Prof. Amita Aggarwal, PI, Dept. of Clinical Immunology**.

The committee approved the above project for intramural funding and a sum of Rs. 4,90,000=00 was sanctioned.

9. **A-09-PGI/IMP/76/2018** “Evaluation of Cardiovascular Risk Factors in Sheehan’s Syndrome”, submitted by **Prof. Subhash Yadav, PI, Dept. of Endocrinology**.

The committee approved the above project for intramural funding and a sum of Rs. 1,59,000=00 was sanctioned. The committee advised the PI that the duration should be two years rather than 2.6 years.

Therefore, the committee advised the PI to submit the revised protocol as per the above suggestion latest by 10th June, 2018, to the Research Cell.

10. **A-10-PGI/IMP/76/2018** “Evaluation of 1p and 19q Chromosome Status in Oligodendrogial Tumors”, submitted by **Dr. Sushila Jaiswal, PI, Dept. of Pathology**.

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 was sanctioned. The committee advised the PI that after the study, the PI should include this test in the Department of Pathology, SGPGI, for the benefit of the patients.

11. **A-11-PGI/IMP/76/2018** “Do Serum and Urinary C3d and C4d Level Reflect Disease Activity in Patients with Lupus Nephritis”, submitted by **Prof. R. N. Misra, PI, Dept. of Clinical Immunology**.

The committee approved the above project for intramural funding and a sum of Rs. 3,70,000=00 was sanctioned.



12. **A-12-PGI/IMP/76/2018** “To Evaluate the Role of T cell Profile (Th1/Th2/Th17/Treg) and Podocyturia in the Peripheral Blood of Patients with Preclampsia vs Normal Pregnancy”, submitted by **Dr. Anupma Kaul, PI, Dept. of Nephrology.**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 was sanctioned. It is suggested that the project should be reviewed in comparison to the earlier project reviewed by the 73rd Research Committee meeting held on 6th May, 2017.

13. **A-13-PGI/76/2018** “Effects of Thyrotropin Suppression Therapy and Other Factors on Bone Health in Thyroid Cancer Patients”, submitted by **Dr. Manish Ora, PI, Dept. of Nuclear Medicine.**

The committee approved the above project for intramural funding and a sum of Rs. 4,47,000=00 was sanctioned. The committee advised the PI that the title should be modified as per the suggestions of the committee.

Therefore, the committee advised the PI to submit the revised protocol with modified title as per the above suggestion latest by 10th June, 2018, to the Research Cell.

14. **A-14-PGI/76/2018** “Effect of aPlastic Anemia Bone Marrow Mesenchymal Stem Cell Derived Extra-Cellular Vesicles on Hematopoietic Stem Cells”, submitted by **Prof. Soniya Nityanand, PI, Dept. of Hematology.**

The committee approved the above project for intramural funding and a sum of Rs. 5,00,000=00 was sanctioned.

Section (B)

Final Progress reports

1. “Molecular Epidemiology of Candidemia in Tertiary Care Hospital”, submitted by **Dr. Rungmei S. K. Marak, PI, Dept. of Microbiology.** (20.10.2015 to 19.10.2017)

The committee noted the matter with displeasure, since the PI has not submitted the final report inspite of several reminders from last three meeting. The committee decided that in future, the PI will not get any intramural funding.

2. “Prevalence of Metabolic Syndrome and the Effect of Testosterone Replacement on Metabolic Syndrome Parameters in a Cohort of Klinefelter Syndrome”, submitted by **Dr. Subhash B. Yadav, PI, Dept. of Endocrinology.** (10.3.2015 to 09.3.2017 – (9 months Extension Granted – upto 10.12.2017))



The final report was presented by the PI. The committee found that the project was completed and manuscript submitted. The PI should inform in due course of time, regarding its publication in the indexed journal.

3. "To Evaluate the Efficacy of USG Guided Transverses Abdominis Plane Block Analgesia and Port Site Infiltration with Ropivacaine and Levobupivacaine for Postoperative Pain Management in Laparoscopic Donor Nephrectomy", submitted by **Dr. Sandeep Sahu, PI, Dept. of Anaesthesiology.** (15.2.2014 to 14.2.2016 – (8 months Extension Granted – upto 13.10.2016))

The final report was presented by the PI. The committee noted that the project was completed by the PI after the extension of the project. But the analysis data could not be submitted by the PI after one & half years, therefore, the committee advised the PI to analyze the data within one month and submit the data and manuscript to the Research Cell.

4. "Detection of gut colonization by carbapenemase producing gram negative bacteria and their Molecular Characterization", submitted by **Prof. K. N. Prasad, PI, Dept. of Microbiology.** (01.3.2016 to 28.2.2018)

The final report was presented by the PI. The committee found that the project has been completed. The committee advised the PI to submit the manuscript to the Research Cell at the earliest.

Section (C) – Extension of the following Intramural Projects

1. "Evaluation of BRAF Gene Status in Gliomas", **Dr. Awadhesh Jaiswal, PI, Dept. of Neurosurgery.** (10.03.2015 – 09.03.2017)

As per statement of PI for the procurement of kit and to complete the above project, the Chairman Research Committee had granted extension through file for the above project **upto 30th June, 2018 with the additional grant of Rs 40,000** beside **Rs. 3,00,000** sanctioned earlier for the project.

The committee approved the additional grant of Rs. 40,000=00 and noted the extension of the above project.

2. "Post-Traumatic Nerve Regeneration Pattern with Autologous Nerve Graft and Ultrathin Silicon Conduit", **Dr. A. K. Srivastava, PI, Dept. of Neurosurgery.** (01.03.2016 – 28.02.2018)

As per the statement of PI to complete the animal surgical, observational part and histopathological studies on samples, the Chairman Research Committee had granted extension through file for the above project from **01.03.2018 to 28.02.2019** (one year) to complete the above project work and utilize the unspent money during the extended period of the above project.

The Committee accorded approval for one year extension from 01.03.2018 to 28.02.2019 and noted the extension of the above project.



3. "Risk of Hepatitis E Virus Transmission Among Patients Receiving Multiple Blood or Blood Component Transfusions", **Dr. Amit Goel, PI, Dept. of Gastroenterology. (31.03.2016 – 30.03.2018)**

As per the statement of the PI that due to unsuspected rates of dropout and loss to follow up he could not be able to complete the work within the stimulated time and requested for six month extension, the Chairman research committee had granted extension through file from **11.04.2018 to 10.10.2018**.

The Committee accorded approval for six month extension from 11.04.2018 to 10.10.2018 and permitted to utilize the unspent money during the extended period of the above project.

Section (D) – Business Meeting

1. Reports of the IIT, Kanpur and SGPGI, Lucknow collaborative projects sanctioned under spoke hub model.

The report was presented by Dr. S.Srivastava and the committee found that the progress of all the nine projects was satisfactory and many of the projects may lead to the filing of joint patents with SGPGI & IITK.

2. Guidelines for research activities to be carried out by the faculty members/scientists who have been re-employed by the Institute on Contractual Basis.

The committee deferred the above agenda item and decided that within a week, it may be deliberated in a separate Research Committee meeting.

General decision:

The committee constituted the following three members committee to review and approve the modified project to be submitted by Principal Investigators as per the suggestions of the above Research Committee with in next 2 weeks. The other members could be invited as Special invitee, if there is felt need.

- a) **Prof. Aditya Kapoor, Department of Cardiology, SGPGI.**
- b) **Prof. Preeti Dabadghao, Department of Endocrinology, SGPGI.**
- c) **Prof. Girish Gupta, Faculty I/c Research**


Prof. Girish Gupta
Faculty I/e Research &
Member Secretary


Prof. Rakesh Kapoor
Director & Chairman

DIRECTOR
Sanjay Gandhi Post Graduate
Institute of Medical Sciences
LUCKNOW-226 014, INDIA

Research (Research)
SGPGI, Lucknow



Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW

Minutes of the 75th Research Committee Meeting held on 14.11.2017 at 11:00 AM, in the Committee Room of the Guest house, SGPGI.

Present:

- | | | |
|-----|---|---------------------|
| 1. | Prof. Rakesh Kapoor, Director, SGPGI. | Chairman |
| 2. | Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow
(157/1, Chander Nagar, Alambagh, Lucknow-226005) | Member |
| 3. | Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow | Member |
| 4. | Prof. R. N. Misra, Head, Dept. of Clinical Immunology, SGPGI | Member |
| 5. | Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI | Member |
| 6. | Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI | Member |
| 7. | Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI | Member |
| 8. | Prof. Punita Lal, Dept. of Radiotherapy, SGPGI | Member |
| 9. | Prof. Preeti Dabadhao, Dept. of Endocrinology, SGPGI | Member |
| 10. | Dr. Arun Srivastava, Assoc. Prof., Dept. of Neurosurgery, SGPGI | Member |
| 11. | Prof. Girish Gupta, Head, Dept. of Neonatology & Faculty Incharge Research, SGPGI. | Member
Secretary |

Dean, SGPGI, Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow, Prof. Sunil . Department of Radiodiagnosis, SGPGI & Prof. Uttam Singh, Deptt. of Biostatistics & Health Info., SGPGI could not attend the above meeting.

Minutes of the 74rd Research Committee meeting held on 08.09.2017, were confirmed.

Section (A)

New intramural projects

1. **A-01-PGI/IMP/75/2017** "Typing of Amyloid in Abdominal Fat Pad Aspirates: An Immuno-Electron Microscopic and Proteomic Analysis", submitted by **Dr. Vinita Agrawal, PI, Dept. of Pathology.**

The committee approved the project for intramural funding. A sum of Rs. 4, 90,000=00, has been sanctioned by the committee.

The committee suggested the PI that the first objective may be specified in detail to describe the utility of the study.

2. **A-02-PGI/IMP/75/2017** "Role of GeneXpert MTB/RIF Assay for Detecting Mycobacterium Tuberculosis in Specimens Obtained by CT-Guided Needle Aspiration and Biopsy of Vertebral Lesions", submitted by **Dr. Zafar Neyaz, PI, Radiodiagnosis.**


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Faculty Incharge (Research)
S.G.P.G.I.M.S., Lucknow

The committee approved the project for intramural funding. A sum of Rs. 1, 70,000=00, has been sanctioned by the committee.

The committee suggested for adding the correlation of procedural and imaging parameters with the result of GeneXpert test.

3. A-03-PGI/IMP/75/2017 "A Study on the Prevalence of Clostridium Difficile Infection in Patients with Inflammatory Bowel Disease", submitted by **Dr. Ujjala Ghoshal, PI, Dept. of Microbiology.** (4,33,063)

The committee approved the project for intramural funding. A sum of Rs. 4, 33,000=00, has been sanctioned by the committee.

The committee suggested the PI to narrow down the objectives and accordingly title may be modified.

4. A-04-PGI/IMP/75/2017 "To Study the Biomarker Glycosylated Fibronectin as a Predictor of Gestational Diabetes in First Trimester in North Indian Population: A Pilot Study", submitted by **Dr. Indu Lata, PI, Dept. of Maternal & Reproductive Health.**

The committee approved the project for intramural funding. A sum of Rs. 3, 00,000=00, has been sanctioned by the committee.

5. A-05-PGI/IMP/75/2017 "To Study the Phenotypic spectrum of a Cohort of Patients with Parry Romberg syndrome and to Identify the Copy - Number Variations by Cytogenetic Microarray", submitted by **Dr. Deepti Saxena, PI, Dept. of Medical Genetics.**

The committee approved the project for intramural funding. A sum of Rs. 5, 00,000=00, has been sanctioned by the committee.

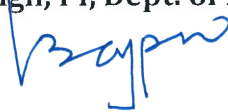
The committee suggested the PI that only genotype study may be conducted, phenotype is not required, since it is well known in the literature.

6. A-06-PGI/IMP/75/2017 "Liver Stiffness in Patients with Chronic Kidney Disease and Changes in it After Renal Transplantation", submitted by **Dr. Dharmandr S. Bhaduria, Dept. of Nephrology.**

The committee approved the project for intramural funding. A sum of Rs. 1, 89,000=00, has been sanctioned by the committee.

The committee suggested the PI that the title may be changed as per the suggestions given by the committee & objectives may be more clearly defined.

7. A-07-PGI/IMP/75/2017 "To Establish a New Model of Angiography in Rabbit", submitted by **Dr. Vivek Singh, PI, Dept. of Radiodiagnosis.**


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Faculty Incharge (Research)
SGPGIMS, Lucknow

The committee approved the project for intramural funding. A sum of Rs. 3, 00,000=00, has been sanctioned by the committee.

The committee suggested the PI to start the work after the approval from the Institutional Ethics committee and try to register the study at CTRI.

8. A-08-PGI/IMP/75/2017 "Clinical and Radiological Study of Foot Involvement in Rheumatoid Arthritis", submitted by **Dr. Vikas Agarwal, PI, Dept. of Clinical Immunology.**

The committee approved the project for intramural funding. A sum of Rs. 3, 48,000=00, has been sanctioned by the committee.

9. A-09-PGI/IMP/75/2017 "Validation of Rat Excision Wound Model and Exploring the Role of Compound X in wound Healing", submitted by **Dr. Durga Prasanna Misra, PI, Dept. of Clinical Immunology.**

The committee approved the project for intramural funding. A sum of Rs. 6, 90,000=00, has been sanctioned by the committee.

10. A-10-PGI/IMP/75/2017 "Colistin Resistance Gene, MCR-1 In Clinical, Veterinary and Environmental Bacterial Isolates and Their Clonal Lincage Profiling", submitted by **Dr. K. N. Prasad, PI, Dept. of Microbiology.**

The committee approved the project for intramural funding. A sum of Rs. 5, 00,000=00, has been sanctioned by the committee.

The committee appreciated the effort of PI for the above research work which may lead to a good hypothesis.

11. A-11-PGI/IMP/75/2017 "Cognitive Impairment and White Matter Integrity in Active and Remitted Patients with Cushing's Disease", submitted by **Dr. Eesh Bhatia, PI, Dept. of Endocrinology.**


The committee approved the project for intramural funding. A sum of Rs. 4, 38,000=00, has been sanctioned by the committee.

12. A-12-PGI/IMP/75/2017 "Clinical Profile and Outcome in Giant Prolactinoma", submitted by **Dr. Preeti Dabadhao, PI, Dept. of Endocrinology.**

The committee approved the project for intramural funding. A sum of Rs. 2, 66,000=00, has been sanctioned by the committee.

13. A-13-PGI/IMP/75/2017 "Role of miRNA in the Pathogenesis of Acquired Aplastic Anemia", **Dr. Ruchi Gupta, PI, Dept. of Hematology.**


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Faculty Incharge (Research)
SGPGIMS, Lucknow

The committee approved the project for intramural funding. A sum of Rs. 5, 00,000=00, has been sanctioned by the committee.

14. A-14-PGI/IMP/75/2017 "Role of Killer Cell Immunoglobulin-like Receptors (KIRs) in Selection of Haploidentical Donors", submitted by **Dr. Dinesh Chandra, PI, Dept. of Hematology.**

The committee approved the project for intramural funding. A sum of Rs. 5, 00,000=00, has been sanctioned by the committee.

15. A-15-PGI/IMP/75/2017 "Evaluation of calreticulin (CALR) & myeloproliferative leukemias Virus (MPL) gene mutation profile in myeloproliferative neoplasm and their clinico-pathological correlation", submitted by **Dr. Khaliqur Rahman, PI, Dept. of Hematology. (4,98,000)**

The committee approved the project for intramural funding. A sum of Rs. 4, 98,000=00, has been sanctioned by the committee.

16. A-16-PGI/IMP/75/2017 "Analysis of sequence variations in MEOX1, GDF3 and GDF6 genes in cases with congenital craniovertebral junction anomalies", submitted by **Dr. Sardhara Jayesh C., PI, Dept. of Neurosurgery.**

The committee approved the project for intramural funding. A sum of Rs. 5, 00,000=00, has been sanctioned by the committee.

17. A-17-PGI/IMP/75/2017 "Role of serum biomarker in high grade glioma", submitted by **Dr. Kuntal Kanti Das, PI, Dept. of Neurosurgery.**

The committee approved the project for intramural funding. A sum of Rs. 5, 00,000=00, has been sanctioned by the committee.

The committee suggested the PI to modify the project as per the following suggestions:

1. The control may be included in the study for better results
2. The second point investigation may be done after six weeks of the intervention


Accordingly, the PI may modify the project with the change in the title and re-submit at the earliest.

18. A-18-PGI/IMP/75/2017 "Assessment of Neutrophil dysfunction in Acute on Chronic Liver Failure (ACLF) Patients Observational Study", submitted by **Dr. Gaurav Pande, PI, Dept. of Gastroenterology.**

The committee approved the project for intramural funding. A sum of Rs. 4, 90,000=00, has been sanctioned by the committee.

19. A-19-PGI/IMP/75/2017 "Role of Acotiamide in Functional Dyspepsia and its Effect on Appetite and Gastric Accommodation", submitted by **Dr. Abhai Verma, PI, Dept. of Gastroenterology.**


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SGPGIMS, Lucknow

The committee approved the project for intramural funding. A sum of Rs. 3, 10,000=00, has been sanctioned by the committee.

20. A-20-PGI/IMP/75/2017 "Cost Saving on PET Scan by Recycling of Recovered ¹⁸ O Enriched Water From Cyclotron", submitted by **Dr. Manish Dixit, PI, Dept. of Nuclear Medicine.**

The committee approved the project for intramural funding. A sum of Rs. 3, 70,000=00, has been sanctioned by the committee.

21. A-21-PGI/IMP/75/2017 "Self-Expanding Metallic Stent in Benign Biliary Stricture-Prospective Follow Up Study", submitted by **Dr. Praveer Rai, PI, Dept. of Gastroenterology.**

The project was withdrawn by the PI with the written request on mail dated: 14.11.2017.

22. A-22-PGI/IMP/75/2017 "Prospective Randomised Controlled Study of Two dosage of Diethylcarbamazine (DEC) in the Treatment of Tropical Pulmonary Eosinophilia", submitted by **Dr. Ajmal Khan, PI, Dept. of Pulmonary.**

Due to sudden demise of PI's father on the same day, the PI could not able to present the project accordingly the committee deferred the project for next meeting.

Section (B)

Annual Progress reports for the following intramural projects.

1. "Serum Bile Acid Levels in Indian Women with Intrahepatic Cholestasis of Pregnancy, as compared to Healthy Non-Pregnant and Pregnant Women, and Their Relation with Perinatal Outcome", submitted by **Dr. Sangeeta Yadav, PI, Maternal & Repro. Health. (16.8.2016 to 15.8.2018)**

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

2. "Role of IL-22 in Enthesitis Related Arthritis (ERA) Category of Juvenile Idiopathic Arthritis (JIA)", submitted by **Prof. Amita Aggarwal, PI, Dept. of Clinical Immunology. (16.8.2016 to 15.8.2018)**

The annual progress report was presented by the co-PI (Prof. R.N. Misra). The progress on the above project was found to be satisfactory.

3. "Molecular Charecterisation of D-Variants in North Indian Blood Donor Population", submitted by **Dr. Dheeraj Khetan, PI, Dept. of Transfusion Medicine. (16.8.2016 to 15.8.2018)**



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The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

4. "A Study for Molecular Typing of Kell, Kidd and Duffy Blood Group System in Multiply Transfused and DAT Positive Auto-immune Haemolyticanaemia Patients Population: A prospective observational study", submitted by **Dr. Atul Sonkar, PI, Dept. of Transfusion Medicine.** (31.3.2016 to 30.3.2018)

The annual progress report was presented by the PI. The progress on the above project was found to be satisfactory.

Section (C)

Final Progress reports for the following intramural projects.

1. "Association of TNFAIP3, TNFSF5 and ITGAM polymorphism with SLE in North Indian Population", submitted by **Prof. R. N. Misra, PI, Dept. of Clinical Immunology.** (20.10.2015 to 19.10.2017)

The final progress report was presented by the PI. The committee noted that the project has been completed by the PI. Three abstracts were presented by the PI in the national/international conferences derived from the above project. The committee suggested the manuscript to the Research Cell, at the earliest for record and a copy of the reprints of the research paper after its publication.

2. "Immunohistochemical analysis of steroidogenic Factor-1(SF-1) and β - Catenin as diagnostic and prognostic marker in adrenocortical carcinoma (ACC)", submitted by **Dr. Amit Agarwal, PI, Dept. of Endocrine Surgery.** (15.07.2014 to 14.07.2016)

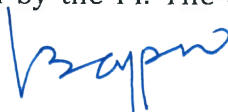
The final progress report was noted by the committee and found that the project has been completed by the PI. The committee suggested for the submission of manuscript to the Research Cell, at the earliest for record and a copy of the reprints of the research paper after its publication.

3. "Molecular Epidemiology of Candidemia in Tertiary Care Hospital", submitted by **Dr. Rungmei S K Marak, PI, Dept. of Microbiology.** (20.10.2015 to 19.10.2017)

The committee noted that neither the PI has presented & submitted the annual report nor presented submitted the final report of the above project. The committee suggested the PI to submit the final report latest by 31st December, 2017, for consideration in the Research Committee meeting.

4. "Role of Biomarkers in Contrast-Induced Acute Kidney Injury in Critically Ill Patients: A Prospective Observational Study", submitted by **Dr. Mohan Gurjar, PI, Dept. of CCM.** (10.03.2015 - 10.03.2017)

The final progress report was presented by the PI. The committee noted that the project was completed by the PI. The abstracts were presented in the international conference. One research


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paper has been published in the Journal Critical Care Medicine 2016; 44(12):399 (Impact factor 7.44)

5. "Prevalence of Thyroid Dysfunctions in Breast Cancer Patients and Correlation with Clinic-Pathology Factors and Outcome of Therapy: A Prospective Case Control Study", submitted by **Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery**. (10.03.15 to 10.03.2017) extension up to 10.09.2017.

The final progress report was presented by the PI. The committee noted that the project was completed by the PI. The abstract was presented in the international conference and manuscript was submitted by the PI. The committee suggested the PI to submit the report of the research paper after its publication.

Business Meeting - Section (D)

1. **A-01-PGI/IMP/74/2017** "Relative Adrenal Insufficiency in Children With Chronic Liver Disease and Effect of Albumin Therapy", submitted by **Dr. Moinak Sen Sarma, PI, Dept. of Pediatric Gastroenterology**.

The committee sanctioned Rs. 1, 50,000=00 as additional grant to the above project for the cost of albumin to be included in the above project as per the suggestions of the 74th Research Committee meeting held on 8.9.2017.

2. **A-06-PGI/IMP/72/2016** "To decipher the role of MRP-1, P-gp and class I HDACs in steroid resistant and steroid sensitive bronchial asthma patient", **Dr. Zia Hasim, PI, Dept. of Pulmonary Medicine**.

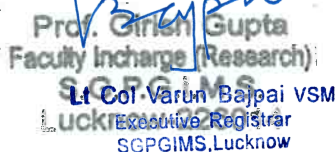
The committee sanctioned Rs. 3, 70,000=00, for the above project as per recommendation of 73rd Research Committee meeting held on 6.5.2017 and subsequent approval by the three member committee.


General decision:

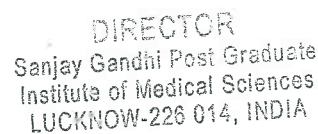
The committee constituted the following three members committee to review and approve the modified project to be submitted by Principal Investigators as per the suggestions of the above Research Committee with in next 2 weeks. The other members could be invited as Special invitee if there is felt need.

- Prof. R.N. Mishra, Head, Department of Clinical Immunology, SGPGI.
- Prof. Preeti Dabadghao, Department of Endocrinology, SGPGI.
- Prof. Girish Gupta, Faculty I/c Research


Prof. Girish Gupta
Faculty I/C Research &
Member Secretary


Prof. Girish Gupta
Faculty Incharge (Research)
SGPGIMS
Lt Col. Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow


Prof. Rakesh Kapoor
Director & Chairman


DIRECTOR
Sanjay Gandhi Post Graduate
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Minutes of the 74th Research Committee Meeting held on 08th September, 2017 at 11:00 am, in the Committee room of the Guest house, SGPGI.

The following members attended the meeting:

1. Prof. Rakesh Kapoor, Director, SGPGI.	Chairman
2. Prof. Rajan Saxena, Dean, SGPGI.	Member
3. Prof. Nuzhat Husain, Head, Dept. of Pathology, RMLIMS, Lucknow	Member
4. Prof. Sunil Jain, Department of Radiodiagnosis, SGPGI	Member
5. Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI	Member
6. Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI	Member
7. Prof. Punita Lal, Dept. of Radiotherapy, SGPGI	Member
8. Prof. Preeti Dabadhao, Dept. of Endocrinology, SGPGI	Member
9. Prof. Amit Agarwal, Dept. of Endocrine Surgery, SGPGI.	Special Invitee
10. Prof. Amita Aggarwal, Deptt. of Clinical Immunology & Faculty Incharge Research, SGPGI.	Member Secretary

Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow- Member, Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow-Member, Prof. R. N. Misra, Head, Dept. of Clinical Immunology, SGPGI-Member, Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI-Member, Prof. Uttam Singh, Deptt. of Biostatistics & Health Informatics, SGPGI-Member, Dr. Arun Srivastava, Assoc. Prof., Dept. of Neurosurgery, SGPGI-Member and Prof. U.K. Misra, Dept. of Neurology, SGPGI-Special Invitee, could not attend the above meeting.

The minutes of the 73rd Research Committee meeting held on April, 2017 were confirmed. The FIR apprised that each project will be marked on a scale of 0-10 as was done last time.

Section (A)


New intramural projects

1. **A-01-PGI/IMP/74/2017** "Relative Adrenal Insufficiency in Children With Chronic Liver Disease and Effect of Albumin Therapy", submitted by **Dr. Moinak Sen Sarma**, PI, Dept. of Pediatric Gastroenterology. (3,00,000)

The committee suggested to modify the project

1. It would not be ethical to include a group which does not receive albumin.
2. To avoid bias subjects who require albumin should receive it and the adrenal reserve studied before and after as proposed to see if albumin really makes a difference. This may be even budgeted in the project.
3. Patients with infection should be excluded
4. Baseline comparison between compensated and decompensated cirrhosis as proposed may be done.

The committee approved the above project for intramural funding provided the above modification is done and a sum of Rs. 3, 00,000=00 has been sanctioned.


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2. **A-02-PGI/IMP/74/2017** “Structural Evaluation of Single Point Commisural Attachment (SPAC) Valve Using a 3 D Model”, submitted by **Dr. Shantanu Pande**, PI, Dept. of CVTS. (3,75,000)

The committee suggested to modify the project with the following suggestions

1. The proposal should outline the objectives and outcomes clearly
2. The literature review should include previous studies using 3D reconstruction in heart.
3. The 4th group planned to be studied should be included in the proposal
4. Instead of 4 groups it would be better to have 2 groups of 5 each

The committee approved the project subject to the above changes being made in the project and a revised project is submitted. A sum of Rs 3,75,000 has been sanctioned.

3. **A-03-PGI/IMP/74/2017** “A Pilot Study to Implement Liver SBRT in Primary Hepatocellular Carcinoma and Oligometastatic Liver Disease at a Tertiary Care Centre”, submitted by **Dr. Shaleen Kumar**, PI, Dept. of Radiotherapy. (3,00,00)

There was a concern that this study has no research component and it is only a technology exercise to start a therapy at the Institute. It was decided that the Institute should fund such effort to help patients. The committee approved the project. A sum of Rs 3,00,000 has been sanctioned.

Annual Progress reports

1. “Evaluation of Molecular Mutations & Their Correlation With Response to Induction Chemotherapy in Acute Myeloid Leukemia”, submitted by **Dr. Anshul Gupta**, PI, Dept. of Hematology. (31.3.2016 to 30.3.2018)

The annual report was presented by the Co-investigator (Prof. Soniya Nityanand) and the progress of the project was found to be good as most of the work has been completed

2. “Molecular Characteristics Including Ikaros 6 Isoform Expression In Indian Acute Lymphoblastic Leukemia Patients”, submitted by **Dr. Soniya Nityanand**, PI, Dept. of Hematology. (31.3.2016 to 30.3.2018)

The progress of the project was found to be good as most of the work has been completed.


3. “Detection of Gut Colonization by Carbapenemase Producing Gram Negative Bacteria and Their Molecular Characterization”, submitted by **Dr. K. N. Prasad**, PI, Dept. of Microbiology. (01.3.2016 to 28.2.2018)

The progress of the project was found to be good as most of the work has been completed.

4. “Risk of Hepatitis E Virus Transmission Among Patients Receiving Multiple Blood or Blood Component Transfusions”, submitted by **Dr. Amit Goel**, PI, Dept. of Gastroenterology. (31.3.2016 to 30.3.2018)

The progress of the project was satisfactory

5. “Effect of Class 1 HDAC on P-gp Expression in Idiopathic Nephrotic Syndrome”, submitted by **Dr. Narayan Prasad**, PI, Dept. of Nephrology. (31.3.2016 to 30.3.2018)


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The progress of the project was found to be good as significant amount of the work has been completed.

6. "Prevalence and Titer of Hepatitis E Viremia Among Indian Blood Donors", submitted by **Dr. Rakesh Aggarwal**, PI, Dept. of Gastroenterology. (31.3.2016 to 30.3.2018)

The progress of the project was found to be good as most of the work has been completed

7. "Distribution and Prognostic Significance of Estrogen Receptor α (ER α) Estrogen Receptor β (ER β) and HER 2 Receptors in Differentiated Thyroid Carcinoma (DTC)", submitted by **Dr. Anjali Mishra**, PI, Dept. of Endocrine Surgery. (31.3.2016 to 30.3.2018)

The progress of the project was found to be good as lot of the work has been completed and analysis is left.

8. "Assessment of Dietary Intake and Eating Behavior in women With of Polycystic Ovary Syndrome", submitted by **Dr. Preeti Dabadghao**, PI, Dept. of Endocrinology. (16.04.2016 – 16.04.2018)

Accrual of controls is slow. An extension of 1 years till 16.04.2019 is granted to complete the project in the same budget

9. "Culture Negative Spontaneous Bacterial Peritonitis in Children with Liver Disease: A Prospective Cohort Study", submitted by **Dr. Richa Mishra**, PI, Dept. of Microbiology. (16.04.2016 – 16.04.2018)

The progress of the project was found to be good and committee noted that work has been presented at a meeting of liver disease in India.

10. "A Study for Molecular Typing of Kell, Kidd and Duffy Blood Group System in Multiply Transfused and DAT Positive Auto-immune Haemolyticanaemia Patients Population: A prospective observational study", submitted by **Dr. Atul Sonkar**, PI, Dept. of Transfusion Medicine. (31.3.2016 to 30.3.2018)

The PI could not present the progress during the meeting, hence it was deferred for next meeting.

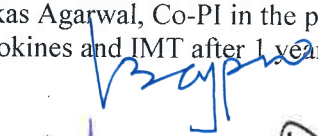

11. "Use of Myocardial Tissue Imaging and Plasma Level of N-Terminal Pro Braquin Natriuretic Peptide For Early Detection of Cardiac Involvement In Patients With Cirrhosis", Submitted by **Dr. Roopali Khana**, PI, Dept. of Cardiology. (31.3.2016 to 30.3.2018)

The progress of the project was found to be good

12. "Bio-Demographic Aspects of Post-Partum Amenorrhoea Period and its implication on Fertility", submitted by **Dr. Uttam Singh**, PI, Dept. of BHI. (01.3.2016 to 28.2.2018)

The PI could not present the progress, however, as per the report the committee granted extension up to 31st December, 2018.

Vikas Agarwal, Co-PI in the project by Dr Durga Misra said that we have been asked to delete the cytokines and IMT after 1 years but in view of new paper in NEJM we should be sanctioned the money.


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Section (C)

Final Progress reports

1. "Molecular Characterization of Premature Ovarian Failure Cases and Healthy Females (Reproductive age and Pregnant) by TP-PCR for Detecting Permutation Carrier Frequency", submitted by **Dr. Sarita Agarwal**, PI, Dept. of Medical Genetics. (10.3.2015 to 09.3.2017)

The committee noted the final report and granted extension up to 31st March, 2018 to complete the molecular analysis in 100 control samples.

2. "CD39 Positive T Regulatory Cells in Rheumatoid Arthritis as Marker of MTX Response", submitted by **Dr. Amita Aggarwal**, PI, Dept. of Clinical Immunology. (20.10.2015 to 19.10.2017)

The committee noted the final report and the project was completed by the PI. Based on the project the PI has submitted an extramural project to the UPCST for extramural funding. Abstract was submitted by the PI for presentation to the Annual meeting of rheumatology-2017.

3. "Development of a Robotic Motion Platform for Quality Assurance of 4D Radiotherapy", submitted by **Dr. K. J. Maria Das**, PI, Dept. of Radiotherapy. (10.3.2015 to 09.3.2017)

The committee noted the final report and the project was completed by the PI. The PI has generated an extramural project funded by DST, New Delhi.

4. "Evaluation of VDR, LRP5, RANKL, OPG and Vitamin D Binding Protein Gene Polymorphism influencing Longitudinal rate of change in BMD", submitted by **Dr. Sushil Gupta**, PI, Dept. of Endocrinology. (31.3.2014 to 30.3.2016)

The committee noted the report and found that still the project has not been completed by the PI, therefore, the committee granted six months extension up to 31st March, 2018 to complete the project work and advised the PI to submit the final report.

5 "Diagnostic yield of quantiferon gold, multiplex PCR and ELISPOT test in diagnosis of undiagnosed pleural effusion", submitted by **Dr. Zia Hasim**, PI, Dept. of Pulmonary Medicine. (15.2.2014 to 14.2.2016)

The committee noted the final report and the project was completed by the PI. The committee advised the PI to submit the manuscript to the Research Cell, at the earliest, for record.

6. "Association of Anti-Phospholipase A2 Receptor Antibodies and PLA2R Polymorphism with Clinical Status in Membranous Nephropathy", submitted by **Dr. Narayan Prasad**, PI, Dept. of Nephrology. (10.3.2015 to 09.3.2017)

The committee noted the report and found that PI wants to recruit more number of patients for propose polymorphism and for polymorphic study, hence the committee granted 6 months up to 30th March, 2018.

7. "Prevalence of P-Glycoprotein (P-gp) Expression Function and Polymorphism, and its Effect on Efficacy of Rifampicin and Isoniazid in Patients with Lymph Node Tuberc", submitted by **Dr. Alok Nath**, PI, Dept. of Pulmonary Medicine. (15.02.2014 to 14.02.2016)


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The committee noted the final report and the project was completed by the PI. The committee advised the PI to submit the manuscript to the Research Cell, at the earliest, for record.

8. "Role of Maternal Serum Folic Acid Receptor α in Fetal Neural Tube defect", submitted by **Dr. Neeta Singh**, PI, Dept. of MRH. (10.03.2015 to 10.03.2017)

The committee noted the progress and found that the project has not been completed by the PI and the extension is required for three months to complete the project. The committee granted extension up to 31st December, 2017, to complete the project work and the PI should submit the final report after completion of the project.

9. "Adaptive Intensity Modulated Radiotherapy (IMRT) in Head And Neck Cancer (HNC) Patients Treated by Chemo-Radiotherapy: To Quilify Temporal Changes During the Course of Radiotherapy (RT) and To Study the Impact of These Changes on the Baseline Treatment Plans", submitted by **Dr. Punita Lal**, PI, Dept. of Radiotherapy. (10.03.2015 -10.03.2017)

The committee noted the final report and the project was completed by the PI. The PI has submitted the manuscript and PI should submit the copy of the reprints to the Research Cell after its publication.

10. "Expression of ATRX and P53 Mutations in Gliomas", submitted by **Dr. Anant Mehrotra**, PI, Dept. of Neurosurgery. (10.03.2015 -10.03.2017)

The PI did not submit the report for the above project. The committee advised the PI to submit the final report for its consideration in the next Research Committee meeting.

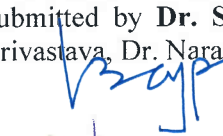
11. "Role of Biomarkers in Contrast-Induced Acute Kidney Injury in Critically Ill Patients: A Prospective Observational Study", submitted by **Dr. Mohan Gurjar**, PI, Dept. of CCM. (10.03.2015 -10.03.2017)

The PI did not submit the report for the above project. The committee advised the PI to submit the final report for its consideration in the next Research Committee meeting.

It was felt that all extension should be asked at around 1.5 years of project duration as the PI knows by this time if he/she can complete the project in time or needs extension. Timely report should also be sent and a post-facto extension should not be asked for in future.

The chairman, Research committee had asked for review of the following 3 projects that were not approved for funding by the 73rd research committee based on representation by PI

1. **A-08-PGI/IMP/73/2017** "Circulating microRNA as a Potential Diagnostic Marker in Lung Cancer", submitted by **Prof. Narendra Krishnani, PI, Dept. of Pathology**, Co-Investigator – **Dr. Niraj Kumari, Prof. Shalini Singh, Dr. Alok Nath, Dr. Zafar Neyaz.**
2. **A-12-PGI/IMP/73/2017** "Comparision of the Diagnostic Performance of the Xpert MTB/RIF Assay with the GenoType MTBDR plus Version 2 Line Probe Assay for Detection of Rifampin-resistant Mycobacterium Tuberculosis", submitted by **Dr. Richa Mishra, PI, Dept. of Microbiology**, Co-Investigator – **Prof. T. N. Dhole, Dr. Alok Nath.**
3. **A-14-PGI/IMP/73/2017** "Thromboelastography to assess the coagulation profile and predict possible transfusion strategy and its utility on graft function in living related renal transplantation surgery", submitted by **Dr. Sandeep Sahu, PI, Dept. of Anaesthesiology**, Co-Investigators – **Prof. Aneesh Srivastava, Dr. Narayan Prasad, Dr. Anupam Verma, Dr. Zakia Saeed, Dr. Gaurav Sindwani.**


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The members pointed out that all projects were scored by members present in the 73rd research committee on a scale of 0-10. After discussion the projects were approved. All the projects not approved had an average score of less than 5.5. The 3 above projects had scored as follows

A-08-PGI/IMP/73/2017 5.00

A-12-PGI/IMP/73/2017 4.25

A-14-PGI/IMP/73/2017 4.75

The Director informed that he has gone through these projects and two of these projects viz A-08-PGI/IMP/73/2017 and A-12-PGI/IMP/73/2017 should be approved for funding.

The members pointed out that a uniform criterion be followed. In case those 2 projects were to be funded then the third project and the other 2 projects (whose PI have not represented) but have scored higher should also be funded. In addition some felt that if we are going to fund all projects then we do not need a review.

There was also a suggestion to create a separate corpus or assign a proportion of intramural funds for MD/DM/MCh projects.

As most members were not in favor of revising the decision, the Director informed the committee that, using his prerogative as chairperson of the research committee he has decided to sanction these 2 projects but not the others.

In addition he also conveyed his decision to enhance the funding of project submitted by Dr Durga Misra. He indicated that if the members have a contrary view they can put a dissent note.

1. **A-08-PGI/IMP/73/2017** “Circulating microRNA as a Potential Diagnostic Marker in Lung cancer”, submitted by **Prof. Narendra Krishnani**, PI, Dept. of Pathology. (4,25,000)

The Chairman, Research Committee, has approved the above project for intramural funding and a sum of Rs. 4,25,000=00 has been sanctioned.

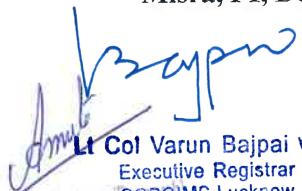
2. **A-12-PGI/IMP/73/2017** “Comparision of the Diagnostic Performance of the Xpert MTB/RIF Assay with the GenoType MTBDR plus version 2 Line Probe Assay for Detection of Rifampin-resistant Mycobacterium Tuberculosis”, submitted by **Dr. Richa Mishra**, PI, Dept. of Microbiology. (3,50,000)

The Chairman, Research Committee, has approved the above project for intramural funding and a sum of Rs. 3,50,000=00 has been sanctioned.

3. **A-14-PGI/IMP/73/2017** “Thromboelastography to assess the coagulation profile and predict possible transfusion strategy and its utility on graft function in living related renal transplantation surgery”, submitted by **Dr. Sandeep Sahu**, PI, Dept. of Anaesthesiology. (1,50,000)

The Chairman, Research Committee, did not recommend the above project for intramural funding.

4. **A-04-PGI/IMP/73/2017** “Evaluation of Clinical and Serologic Parameters Predisposing to Subclinical atherosclerosis in Spondyloarthropathy”, submitted by **Dr. Durga Prasanna Misra**, PI, Dept. of Clinical Immunology.


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The Chairman, Research Committee, has sanctioned Rs. 1,80,000=00 in addition to the Rs. 3,00,000=00, for the above project as proposed in the project proposal submitted in the 73rd Research Committee meeting.

Amita
20/9/17

Prof Amita Aggarwal
FIR & Member secretary

Faculty Incharge (Research)
S.G.P.G.I.M.S., Lucknow

Prof R Kapoor
Director & Chairperson

DIRECTOR
Sanjay Gandhi Post Graduate
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Minutes of 73rd Research committee

The meeting was attended by the following persons

1.	Director, SGPGI.	Chairman
2.	Dean, SGPGI.	Member
3.	Prof. R. C. Ahuja, Former-HOD Medicine, KGMU, Lucknow	Member
4.	Prof. Amita Jain, Head, Dept. of Microbiology, KGMU, Lucknow	Member
5.	Prof. R. N. Misra, Head, Dept. of Clinical Immunology, SGPGI	Member
6.	Prof. Sunil Jain, Department of Radiodiagnosis, SGPGI	Member
7.	Prof. Soniya Nityanand, Head, Dept. of Hematology, SGPGI	Member
8.	Prof. Sanjay Gambhir, Head, Dept. of Nuclear Medicine, SGPGI	Member
9.	Prof. Aditya Kapoor, Dept. of Cardiology, SGPGI	Member
10.	Prof. Punita Lal, Dept. of Radiotherapy, SGPGI	Member
11.	Prof. Preeti Dabadghao, Dept. of Endocrinology, SGPGI	Member
12.	Dr. Arun Srivastava, Assoc. Prof., Dept. of Neurosurgery, SGPGI	Member
13.	Prof. Amita Aggarwal, Department of Clinical Immunology & Faculty In charge Research, SGPGI.	Member Secretary

The dean welcomed the New Members of Research Committee. The minutes of the 72th Research Committee meeting held on 27th October, 2016 were confirmed. The FIR apprised that each project has been assigned to 2-3 members and it was sent a month ago by email to those members for evaluation. These persons will be the primary discussants in these projects followed by other members.

New intramural projects

1. **A-01-PGI/IMP/73/2017** "HER-2 gene expression and clinic-pathological correlation in Gastric and gastroesophageal junction adenocarcinoma in a north India population", submitted by **Dr. Ashok Kumar -II ,PI, Department of surgical Gastroenterology**, Co-Investigators-Dr Ram Nawal Rao, Prof Ashok Kumar.

Dr Ashok Kumar presented the project. The committee felt that there is no research questions as many studies including studies from India have shown that it is present in 20-30% of patients. Since this is the first project of PI it was suggested that the PI work with Prof Punita Lal & Prof RN Misra and modify the project and resubmit it.

2. **A-02-PGI/IMP/73/2017** "Functional and microstructural Brain changes in patients of chronic liver disease with restless leg syndrome: functional MRI Study" Submitted by **Dr. Neetu Soni, PI, Department of Radiodiagnosis**, Co-Investigators-Dr Sunil Kumar, Dr Rajesh Kumar, Dr Amit Goel, Dr V K Paliwal.

Withdrawn by PI as PI plans to go on two year fellowship

3. **A-03-PGI/IMP/73/2017** "To evaluate and compare the abilities of Scanning Laser Polarimetry and High Definition Spectral Domain Ocular Coherence Tomography(SD-OCT) in measuring circumpapillary Retinal Nerve Fiber Layer (cpRNFL) thickness and its regional relationships with visual field sensitivity along with macular parameters by HD-OCT, pre and post operatively in


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cases of pituitary adenoma”, Dr. Vikas Kanaujia, PI, Dept. of Ophthalmology, Co-Investigator – Prof. Sanjay Behari, Dr. Rachna Agarwal.

The PI did not present the project

4. **A-04-PGI/IMP/73/2017** “Evaluation of Clinical and Serologic Parameters Predisposing to Subclinical atherosclerosis in Spondyloarthropathy”, submitted by **Dr. Durga Prasanna Misra, PI, Dept. of Clinical Immunology**, Co-investigator – Prof. Vikas Agarwal, Dr. Namita Mohindra, Dr. Sudeep Kumar.

Dr Durga Misra presented the project. The following changes were suggested

1. **Removal of measurement of cytokines and OPG**
2. **Removal of abnormal lipid profile from exclusion criteria**
3. **Removal of cIMT measurement at 1 year as it is unlikely to show any change**

The committee approved the project subject to the above changes being made in the project and a revised project is submitted. A sum of Rs 3,00,000 has been sanctioned.

5. **A-05-PGI/IMP/73/2017** “Prevalence of coronary artery calcification and other cardiovascular disease risk factors in patients with young-onset type 2 diabetes mellitus”, submitted by **Dr. Saroj K Sahoo, PI, Dept. of Endocrinology**, Co-investigator – Prof. Eesh Bhatia, Prof. Sunil Kumar Jain, Prof. Aditya Kapoor.

Dr Sahoo presented the project. The following changes were suggested

1. **No OGTT in healthy controls**
2. **Controls should be BMI matched**

The committee approved the project subject to the above changes being made in the project and a revised project is submitted. A sum of Rs 5,00,000 has been sanctioned.

6. **A-06-PGI/IMP/73/2017** “Role of Wnt pathway signaling module RNF43/ZNRF3 in Colorectal cancer and their potentials as a therapeutic target”, submitted by **Prof. Ashok Kumar, PI, Dept. of Surgical Gastroenterology**. Co-Investigators - Dr Lily Pal, Dr Kaushik Mandal, Dr Neeraj Rastogi.

Dr Ashok Presented the project and it was felt that this study does-not address the issue of therapeutic potential thus this should be dropped from title. In addition the mRNA part needs to be deleted since sequencing of gene and IHC for protein is being done and RNA study would not add much.

The committee approved the project subject to the above changes being made in the project and a revised project is submitted. A sum of Rs 3,20,000 has been sanctioned.

7. **A-07-PGI/IMP/73/2017** “Diagnostic and prognostic significance of flow cytometry myeloma” Submitted by **Dr. Ruchi Gupta, PI, Dept of Clinical Hematology**, Co-Investigators-Dr Khaliqur Rahman, Dr Soniya Nityanand, Dr Anshul Gupta.

The committee suggested that the PI revise the project as per the presentation made and suggestions given during the presentation. Aims and objectives should be clearly defined. A sum of Rs 3,80,000 was sanctioned subject to submission of revised project.


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8. **A-08-PGI/IMP/73/2017** "Circulating microRNA as a Potential Diagnostic Marker in Lung Cancer", submitted by **Prof. Narendra Krishnani, PI, Dept. of Pathology**, Co-Investigator – Dr. Niraj Kumari, Prof. Shalini Singh, Dr. Alok Nath, Dr. Zafar Neyaz.

The committee did not recommend the project as there was no scientific merit

9. **A-09-PGI/IMP/73/2017** "Evaluation of Maternal α -Klotho and Podocyturia in Predicting Preeclampsia", submitted by **Dr. Anupma Kaul, PI, Dept. of Nephrology**, Co-Investigator – Prof. R. K. Sharma, Dr. Deepa Kapoor, Prof. Mandakini Pradhan, Dr. Niraj Kumari, Dr. Dharmendra Bhadauria, Dr. Anju Rani.

The committee did not recommend the project. The project was written poorly with scant review of literature and no references were cited. The rationale of study was not clear.

10. **A-10-PGI/IMP/73/2017** "To assess response using 18-FDG PETCT scan in patients of cancer cervix receiving chemo-radiotherapy-an observational study" submitted by **Dr. Shalini Singh, PI, Deptt of Radiotherapy**, Co-Investigators-Prof P K Pradhan, Prof Neeraj Rastogi, Prof Shaleen Kumar.

The committee did not recommend the project as there was no scientific merit.

11. **A-11-PGI/IMP/73/2017** "Evaluation of anti fibrotic effect of inhibitors of 5HT2 (Terguride) and 5HT2B (SB 204741) on fibroblasts isolated from the omentum and peritoneum of patients on continuous ambulatory peritoneal Dialysis" submitted by **Prof. Vikas Agarwal, PI, Department of Clinical Immunology**, Co-Investigators - Prof. Naryan Prasad.

The committee recommended the proposal in principle but asked for submission of a revised project in light of the following comments

1. Summary does not reflect what they propose to do. Summary is just part (250 words) of introduction.
2. Introduction and first para of review of literature are nearly the same
3. In methods it is not clear as to expression of which genes is going to be studied

A sum of Rs 4,25,000 has been sanctioned subject to submission of revised project.

12. **A-12-PGI/IMP/73/2017** "Comparision of the Diagnostic Performance of the Xpert MTB/RIF Assay with the GenoType MTBDR plus Version 2 Line Probe Assay for Detection of Rifampin-resistant Mycobacterium Tuberculosis", submitted by **Dr. Richa Mishra, PI, Dept. of Microbiology**, Co-Investigator – Prof. T. N. Dhole, Dr. Alok Nath.

The committee did not recommend the project as there was no scientific merit as Rifampin resistance is routinely tested by gene XPERT even in the national program.



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13. **A-13-PGI/IMP/73/2017** "Hypertension in Young Patients with Type 1 Diabetes Mellitus: Prevalence, Risk Factors and Early Renal Injury Markers", submitted by **Prof. V. L. Bhatia, PI, Dept. of Endocrinology**, Co-Investigators – Prof. Eesh Bhatia, Dr. Swasti Tiwari.

The committee recommended the project with the suggestion to include patients before development of hypertension and follow them up to see if the biomarkers can help predict development of hypertension. A revised project needs to be submitted due to change in study design. A sum of Rs 4,70,000 has been sanctioned subject to submission of revised project.

14. **A-14-PGI/IMP/73/2017** "Thromboelastography to assess the coagulation profile and predict possible transfusion strategy and its utility on graft function in living related renal transplantation surgery", submitted by **Dr. Sandeep Sahu, PI, Dept. of Anaesthesiology**, Co-Investigators – Prof. Aneesh Srivastava, Dr. Narayan Prasad, Dr. Anupam Verma, Dr. Zakia Saeed, Dr. Gaurav Sindwani.

The committee did not recommend the project as there was no scientific merit

15. **A-15-PGI/IMP/73/2017** "Implementation of Deep Inspiration Breath Hold Technique in left sided breast cancer patients who either had mastectomy or BCS (breast cancer surgery) and dosimetric comparison and evaluation of cardiac biomarkers in DIBH technique versus free breathing", submitted by **Prof. Punita Lal, PI, Dept. of Radiotherapy**, Co-investigator - Dr. Shagun Misra, Dr. Aditya Kapoor, Dr. KJ Maria Das, Mr. S.K. Senthil.

The committee approved the project with exclusion of cardiac biomarkers. Revised project with changes in method and objective needs to be submitted in discussion with Dr Amita Aggarwal. A budget of Rs 60,000 has been sanctioned subject to submission of revised project.

16. **A-16-PGI/IMP/73/2017** "Cell Free DNA in Supernatant of Stored Red Cell Components", **Dr. Dheeraj Khetan, PI, Dept. of Transfusion Medicine**, Co-investigator – Prof. R. K. Chaudhary.

The committee approved the project and suggested to use PCR based method for detection of cfDNA and not use the 2 methods proposed earlier. Revised project with change in methods and budget needs to be submitted. A budget of Rs 2,86,000 has been sanctioned subject to submission of revised project.

Annual Progress reports

1. "Exocrine and Endocrine Insufficiency in Children with Chronic Pancreatitis: Prevalence, Predictors and Effect on Nutritional Status and Bone Mineral Density", submitted by **Dr. Anshu Srivastava, PI, Dept. of Pediatric Gastroenterology. (20.10.15 – 19.10.2017)**

The annual progress was found to be good.

2. "CD39 Positive T Regulatory Cells in rheumatoid arthritis as marker of MTX response", Submitted by **Prof. Amita Aggarwal, PI, Deptt of Clinical Immunology. (20.10.15 – 19.10.2017)**

The annual progress was found to be good.

3. "Role of Peritubular Capillary Morphometry in the Diagnostic Evaluation of Renal Allograft Biopsies", submitted by **Dr. Vinita Agrawal, PI, Deptt. of Pathology. (20.10.15 – 19.10.2017)**

The annual progress was found to be good.


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4. "Association of TNFAIP3, TNFSFR and ITGAM Polymorphism With SLE in North Indian Population", submitted by **Prof. R. N. Misra, PI, Deptt. of Clinical Immunology. (20.10.15 - 19.10.2017)** The annual progress was found to be good.
5. "Analysis of Gluconeogenic Enzymes in Human Urinary Exosomes-Pilot Study", submitted by **Dr. Swasti Tiwari, PI, Deptt. of Molecular Medicine & Biotechnology. (20.10.15 - 19.10.2017)** The annual progress was found to be good.
6. "Molecular Epidemiology of Candidemia in Tertiary Care Hospital", submitted by **Dr. R. S. K. Marak, PI, Deptt. of Microbiology. (20.10.15 - 19.10.2017)** She did not attend the meeting
8. "Association of FGF-23, Klotho, PTH with Dietary Phosphorus in Chronic Kidney Disease Stages 1 and 2", submitted by **Dr. Anita Saxena, PI, Deptt. of Nephrology. (20.10.15 - 19.10.2017)** The annual progress was found to be slow. There was poor patient accrual. Thus it was advised to reduce sample size to 75.
9. "To Determine the lung injury and role of TGF-1 as biomarker and quality of life assessment in patients of oesophageal cancer treated with chemoradiotherapy", submitted by **Prof. Shaleen Kumar, PI, Deptt. of Radiotherapy. (20.10.15 - 19.10.2017)** The annual progress was found to be slow. There was poor patient accrual. Thus it was advised to reduce sample size or speed up patient accrual.

Section (C) (04:00 PM - 05:00 PM)

Business Meeting:

To consider the Final Progress reports for the following intramural projects.

1. "To Evaluate the Role of Serum Platelet Derived Growth Factor as A Marker in the Diagnosis of Infantile Haemangioma", submitted by **Dr. Ankur Bhatnagar, PI, Dept. of Plastic Surgery. (15.02.14 - 14.02.2016) Extended upto 14.02.2017**

Despite 3 years of project, only 3 patients enrolled so the project was closed

2. "Prevalence of Metabolic Syndrome and the Effect of Testosterone Replacement on Metabolic Syndrome Parameters in a Cohort of Klinefelter Syndrome", submitted by **Prof. Subhash Yadav, PI, Dept. of Endocrinology. (10.03.15 - 10.03.2017)**

The progress was found to be good. The PI has nearly completed the recruitment of participants and only follow up is left. Hence 9 month extension has been granted till 10.12.17 to complete the work.

3. "Prevalence of Thyroid Dysfunctions in Breast Cancer Patients and Correlation With Clinic-Pathology Factors and Outcome of Therapy: A Prospective Case Control Study", **submitted by Prof. Anjali Mishra, PI, Dept. of Endocrine Surgery. (10.03.15 - 10.03.2017)**


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The progress was found to be good. The PI has nearly completed the recruitment of participants. Hence 6 month extension has been granted till 10.9.17 to complete the work.

3. "Utility of immunofluorescence using anti-pml protein antibody and multicolor flow cytometry for Rapid diagnosis of APMS along with their correlation with PCR for PML RARA fusion transcript", submitted by **Dr. Khaliqur Rehman, PI, Dept. of Hematology. (31.3.2014 to 30.3.2016) extended upto 30.09.2016)**

The progress was found to be good. The PI has completed the project and the paper has been communicated.

Annual Progress reports

4. "Detection of Gut Colonization by Carbapenemase Producing Gram Negative Bacteria and Their Molecular Characterization", submitted by **Prof. K. N. Prasad, PI, Deptt. of Microbiology. (01.03.16 - 28.02.2018)**

The PI has not submitted an annual report thus a letter may be sent to PI

5. "Post Traumatic Nerve Regeneration Pattern With Autologous Nerve Graft and Ultrathin Silicon Conduit", submitted by **Dr. A. K. Srivastava, PI, Deptt. of Neurosurgery. (01.03.16 - 28.02.2018)**

The Committee found the progress satisfactory

6. "Prevalence of EGFR Mutation and Response to Tyrosine Kinase Inhibitor in Non Small Cell Lung Cancer in the North Indian Population", submitted by **Dr. Niraj Kumari, PI, Deptt. of Pathology. (01.03.16 - 28.02.2018)**

The PI has completed the project before time and has submitted a completion report. The report was accepted by the committee.

8. "Bio-Demographic Aspects of Post-Partum Amenorrhoea Period and Its Implication on Fertility", submitted by **Prof. Uttam Singh, PI, Deptt. of Biostatistics & Health Informatics. (01.03.16 - 28.02.2018)**

The PI has not submitted an annual report thus a letter may be sent to PI

10. **A-06-PGI/IMP/72/2016** - To consider the response of the queries raised by the 72nd Research Committee meeting held on 27th October, 2016 for the project entitled "To decipher the role of MRP-1, P-gp and class I HDACs in steroid resistant and steroid sensitive bronchial asthma patient".

The committee opined that since the previous committee had asked for revision, it should have been done according to suggestions. The director, Prof Kapoor has suggested to have a meeting between Dr Zia, FIR and the Director.



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The meeting ended with vote of thanks to the chair.



Prof Amita Aggarwal
FIR & Member secretary

Faculty Incharge (Research)
S.G.P.G.I.M.S., Lucknow



Prof Rajan Saxena
Dean



Prof R Kapoor
Director & Chairperson

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