

**LIST OF INTRAMURAL PROJECTS FROM 1989 - 2025**

| S.No . | Title of the project   | Name of PI & Department                 | Year | Amount      |
|--------|--|---|------|-------------|
| 1.     | “Difinition of clinical subsets of connective tissue diseases their Antinuclear antibody profile”  | Dr. R. R. Singh<br>Immunology           | 1989 | 25,000=00   |
| 2.     | “Anatomical, electrophysiological & endocrine studies in endemic Cretenism”.   | Dr.Ambrish Mithal<br>Endocrinology      | 1989 | 1,00,000=00 |
| 3.     | “Screening of HLA Antibodies in North Indian Population”.  | Dr.Suraksha Agarwal<br>Genetics         | 1989 | 50,000=00   |
| 4.     | “Evaluation of ventricular diastolic & systolic function in Hype & Hyperthyroidism using doppler Echocardiography”.                            | Dr.S.Radhakrishnan<br>Cardiology        | 1989 | 30,000=00   |
| 5.     | “Effect of thromboxane inhibition on progression in renal failure in Rats”.  | Dr. Vijay Kher<br>Nephrology            | 1989 | 20,000=00   |
| 6.     | “Cord Blood Screening of Alpha thalassemia”.   | Dr.Sarita Agarwal<br>Genetics           | 1989 | 50,000=00   |
| 7.     | “Identification of chronic HbsAg carriers & Non Respondors to hepatitis B vaccination among High Risk SGPGI Staff”.                            | Dr.A.Koshy<br>Gastroenterology          | 1989 | 30,000=00   |
| 8.     | “Anterior Hypothalamic regulation of follicle stimulating hormone, role of inhibition, A noval gonadal Peptide”.                               | Dr.G.Nagesh Babu<br>Neurology           | 1989 | 30,000=00   |
| 9.     | “Value of billiary crystal analysis and determination of chemical composition of bile in predicting out come of oral gall stone Dissolutions”. | Dr.V.A.Saraswat<br>Gastroenterology     | 1989 | 50,000=00   |
| 10.    | “Explanation of Membrane cytospeletal interaction in Glucose-6-phosphate dehydrogenase deficient Anaemias”.                                    | Dr. Balraj Mittal<br>Genetics           | 1989 | 50,000=00   |
| 11.    | “Determination of bone minral content patern in UP population by means of dual absorptitiometric studies”.                                     | Dr.A.K.Shukla<br>Nuclear Medicine       | 1989 | 50,000=00   |
| 12.    | “Role of colonic mucins & colonic ecosystems amoabic Infections”.  | Dr.Aruna Parashar<br>Immunology         | 1989 | 35,000=00   |
| 13.    | “Differences in Immune status of asymptomatic & chronic liver disease HBV carriers & Non responders to hepatitis B vaccine”.                   | Dr.Sita Naik<br>Immunology              | 1990 | 50,000=00   |
| 14.    | “Is type J (Young ketosis resistant) Diabetes Mellitus an auto-immune Disease”.  | Dr. Eesh Bhatia<br>Endocrinology        | 1990 | 70,000=00   |
| 15.    | “The role of vitamin Deficiency in causation of neural tube defects (NTD) in Indian Population”.   | Dr. Anita Sharma<br>Genetics            | 1990 | 50,000=00   |
| 16.    | “Congenital adrenal hyperplasia (CAH) in North Indian population-A correlation of hormonal genetics Profiles”.                                 | Dr.V.L.Bhatia<br>Endocrinology          | 1990 | 76,000=00   |
| 17.    | “Cholecystectomy with and without Drainage”.   | Dr. V.K.Kapoor<br>Surg.Gastroenterology | 1990 | 70,000=00   |
| 18.    | “Evaluation of duodenal bile composition as an indicator of nature of Gallstones in Cholelithatic Patients”.                                   | Dr.G.Choudhary<br>Gastroenterology      | 1990 | 50,000=00   |
| 19.    | “Comperative effect of Beta Blockers & calcium channel blockers on silent myocardial ischaemia in stable & un-stable angina Pectoris”.         | Dr. Nakul Sinha<br>Cardiology           | 1990 | 76,000=00   |
| 20.    | “Profile of Anti-cardiolipin antibodies in connective tissue diseases and chronic infections Diseases”.  | Dr. R.N.Mishra<br>Immunology            | 1990 | 71,300=00   |

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|-----|--|-------------------------------------|-----------|-------------|
| 21. | "Screening for primary hyperparathyroidisms in hospital Population".   | Dr.S.K.Mishra<br>Endocrine Surgery  | 1990      | 75,300=00   |
| 22. | "Electroneurophysiological and genetic studies in children with profound congenital Deafness".   | Dr.Isha Tyagi<br>Neurosurgery       | 1990      | 50,000=00   |
| 23. | "A study of calcium vitamin-D parathyroid hormone axis in endemic Fluorosis".  | Dr.Ambrish Mithal<br>Endocrinology  | 1990      | 90,000=00   |
| 24. | "Comparative evaluation of CT-scan & serological markers for cysticercus & tuberculosis antigens in diagnosis of Intracranial lesion of the Brain".                              | Dr. Anoop Kohli<br>Neurology        | 1990      | 61,800=00   |
| 25. | "Hormonal & Lipid profile in symptomatic patients of benign breast disease & the effect of modification in diet on the severity of symptomatic Diseases".                        | Dr.S.K.Mishra<br>Endocrine Surgery  | 1990      | 91,500=00   |
| 26. | "Suppression of experimental autoimmune.... Fragment".   | Dr.V.K.Singh<br>Immunology          | 1990      | 66,800=00   |
| 27. | "Study of Gallbladder motility by cholescintigraphy in patients with gallstone disease undergoing endoscopic sphincterotomy".  | Dr.V.A.Saraswat<br>Gastroenterology | 1990      | 80,000=00   |
| 28. | "Figure connection test:A Modified number connection test for objective assesment of hepatic encephalopathy in Illiterates".   | Prof.S.R.Naik<br>Gastroenterology   | 1990      | 89,000=00   |
| 29. | "Intermediate Filament expression in Neoplasms of the central nervous system".   | Dr.Pradeep Tandon<br>Pathology      | 1990      | 75,000=00   |
| 30. | "Regional cerebral blood flow metabolism studies using 99m Tc-HM-PAC and spect in patients with intractable postial epilepsy".   | Dr.A.B.Sewatkar<br>Nuclear Medicine | 1990      | 86,000=00   |
| 31. | "Characterisation of B-thalassemia by reverse phase-HPLC".   | Dr.Sarita Agarwal<br>Genetics       | 1990      | 1,06,800=00 |
| 32. | "HLA-DQ & T-cell receptor beta-chain polymorphisms in type-1-Diabetes in North India".   | Dr.Eesh Bhatia<br>Endocrinology     | 1990      | 1,10,000=00 |
| 33. | "Clinical,Electroneuromyographic,Histologic & Genetic expression of duchenne/Becker's Muscular Dystrophy".   | Dr.S.Pradhan<br>Neurology           | 1990      | 90,000=00   |
| 34. | "To study the distribution of various T3 receptors during the early ontogeny of rat brain and the effect of iodine deficiency on receptor distribution in developing Rat Brain". | Dr.M.M.Godbole<br>Endocrinology     | 1990      | 1,00,000=00 |
| 35. | "HLA antigen in Rheumatoid Arthritis".   | Dr.Suraksha Agarwal<br>Genetics     | 1990      | 1,00,000=00 |
| 36. | "Mechanism of unresponsiveness to HbsAg in Heemodialysis Patients".  | Prof.Sita Naik<br>Immunology        | 1990      | 1,10,000=00 |
| 37. | "Analysis of autoantibodies to nuclear antigens by immunoblotting".  | Dr.R.N.Mishra<br>Immunology         | 1990      | 1,00,000=00 |
| 38. | "Role of retinal S-antigen in human Uveitis".  | Dr.V.K.Singh<br>Immunology          | 1990      | 93,500=00   |
| 39. | Detection of Gene deletion in muscular dystrophies using multiple polymerase chain Reaction".  | Dr.Balraj Mittal<br>Genetics        | 1990-1991 | 1,10,000=00 |
| 40. | "Study of hepatitis in chronic renal failure patients on maintenance Haemodialysis""   | Prof.S.R.Naik<br>Gastroenterology   | 1990-1991 | 1,00,000=00 |
| 41. | "Healing of chronic antral Gastritis.....Treat- ment".   | Prof.S.R.Naik<br>Gastroenterology   | 1990-1991 | 94,500=00   |
| 42. | "Comparision of IV dextran with IV albumin replacement during single total paracentesis for tense Ascites".  | Dr.V.A.Saraswat<br>Gastroenterology | 1990-1991 | 1,03,800=00 |

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| 43. | "Synchronous lesions in carcinoma oesophagus".  | Prof.V.K.Kapoor<br>Surgical Gastroenterology    | 1990-1991 | 11,000=00   |
| 44. | "Brittleness of Gall Bladder stones to lithotripsy in vitro and comparison of their reactive chemical composition, CT attenuation value & Ultrastructure".                                    | Dr.G.Choudhary<br>Gastroenterology              | 1990-1991 | 98,500=00   |
| 45. | "Study of autologous blood transfusion techniques in open heart Surgery".   | Dr.P.K.Mittal<br>CVTS                           | 1990-1991 | 46,200=00   |
| 46. | "The study of problem of transmissible disease through blood transfusion".  | Prof.J.G.Jolly<br>Transfusion Medicine          | 1990-1991 | 1,02,800=00 |
| 47. | "The role of dietary protein intake in the progression of diabetic Nephrology".   | Dr.Amit Gupta<br>Nephrology                     | 1990-1991 | 1,04,800=00 |
| 48. | "Study of enterotoxin of <i>compylobacter</i> Jejuni".  | Dr.K.N.Prasad<br>Microbiology                   | 1990-1991 | 60,800=00   |
| 49. | "Role of S-torch agents in congenital malformation/infections in children detecting agent specific IgM antibodies by ELISA Immunofluorescence studies".                                       | Dr.Janak Kishore<br>Microbiology                | 1990-1991 | 49,000=00   |
| 50. | "Comparative evaluation of preoperative bile refeeding and bile salt feeding on systemic and portal endotoxemia in obstructive Jaundice and their influence on post operative complications". | Prof. Rajan Saxena<br>Surgical Gastroenterology | 1991-1992 | 85,000=00   |
| 51. | "A study of relationship of sensory and motor evoked potential with short term prognosis of stroke patients and their correlation with cerebral blood flow Measurements".                     | Prof. U.K.Mishra<br>Neurology                   | 1991-1992 | 36,312=50   |
| 52. | "Effect of angiotension converting enzyme and thromboxane A2 inhibition on progression of diabetic Nephrology".   | Prof.Vijay Kher<br>Nephrology                   | 1991-1992 | 96,000=00   |
| 53. | "Comparison of intra-activity boost therapy with the conventional external beam boost in carcinoma Esophagus".  | Dr. S.Hukku<br>Radiotherapy                     | 1992-1993 | 50,000=00   |
| 54. | "Role of immune monitoring in optimising conversion from cyclosporine to azathioprine in renal transplant recipient".   | Prof. R.K.Sharma<br>Nephrology                  | 1991-1992 | 90,500=00   |
| 55. | "Effect of myocardial Revascularisation (CABA & PICA) on total-----Restenosis".   | Dr.Nakul Sinha<br>Cardiology                    | 1991-1992 | 99,800=00   |
| 56. | "Serological response Against <i>Helicobacter pylori</i> Infection".  | Prof.A.Ayyagari<br>Microbiology                 | 1991-1992 | 95,900=00   |
| 57. | "Vascular anatomy of lower esophagus in patients with portal hypertension & its alternations with endoscopic sclerotherapy".  | Dr.G.Choudhary<br>Gastroenterology              | 1991-1992 | 93,500=00   |
| 58. | "Bone densitometric studies in renal osteoporosis and its correlation with conventional skeletal scintigraphy".   | Prof. B.K.Das<br>Nuclear Medicine               | 1991-1992 | 61,800=00   |
| 59. | "mRNA activity profile in developing rat brain under differing iodine Nutrition".   | Prof.M.M.Godbole<br>Endocrinology               | 1991-1992 | 97,000=00   |
| 60. | "Central Nervous system appearance in congenital sporadic hypothyroidism & endemic iodine deficiency cretinism on magnetic resonance Imaging".  | Dr.R.K.Gupta<br>Radiology                       | 1991-1992 | 97,900=00   |
| 61. | "Sequential hemibody irradiation technique in oncology".  | Prof.S.Ayyagari<br>Radiotherapy                 | 1992-1993 | 46,800=00   |
| 62. | "Post ureteroscopic urethral structures: A prospective study".  | Dr.R.Ahlawat<br>Urology                         | 1991-1992 | 36,700=00   |
| 63. | "Role of calcitropic hormones in genesis of different forms of endemic skeletal fluorosis".   | Dr.Ambrish Mithal<br>Endocrinology              | 1992-1993 | 98,600=00   |

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| 64. | "Renal bone disease in patients of chronic renal failure".   | Dr. Vijay Kher<br>Nephrology                     | 1992-1993 | 60,000=00   |
| 65. | "Rapid detection of B-thalassemia mutations by allele specific oligonucleotide probes".  | Dr. Sarita Agarwal<br>Genetics                   | 1991-1992 | 1,00,000=00 |
| 66. | "Evaluation of serum neopterin as a screening test for blood donors".  | Dr. N. Choudhary<br>Transfusion Medicine         | 1992-1993 | 99,800=00   |
| 67. | "Effect of anaerobic intestinal bacterial flora on virulence of entamoeba histolytica trophozoites".   | Prof. S. R. Naik<br>Gastroenterology             | 1992-1993 | 98,800=00   |
| 68. | "Dyspepsia as a symptom complex of gall stone disease effect of cholecystectomy".  | Prof. S. P. Kaushik<br>Surgical Gastroenterology | 1991-1992 | 52,000=00   |
| 69. | "Study of early diagnosis parameters in renal allograft rejection".  | Dr. Rakesh Pandey<br>Pathology                   | 1991-1992 | 1,00,000=00 |
| 70. | "Mechanism of excitotoxin induced neuronal injury in rat-A pilot study".   | Dr. G. Nagesh Babu<br>Neurology                  | 1992-1993 | 66,800=00   |
| 71. | "Immune response to klebsiella pneumoniae in patients with ankylosing spondylitis & its modulation by Sulphasalazine".   | Prof. R. N. Mishra<br>Immunology                 | 1992-1993 | 94,000=00   |
| 72. | "Adherence & Invasion assay of campylobacter jejuni in HEp/MaLa Cells".  | Dr. K. N. Prasad<br>Microbiology                 | 1992-1993 | 67,000=00   |
| 73. | "Renal transplant evaluation with reference to cyclosporine nephrotoxicity and graft rejection in patients on triple drug immunosuppression".  | Prof. R. K. Sharma<br>Nephrology                 | 1992-1993 | 54,000=00   |
| 74. | "Duodenal stenting with an self-expandable metallic device an in vivo preclinical study".  | Dr. Sunit Roy<br>Radiology                       | 1992-1993 | 96,000=00   |
| 75. | "Angiographic quantification of tumor vascularity".  | Dr. R. V. Phadke<br>Radiology                    | 1992-1993 | 90,000=00   |
| 76. | "Fluoroscopy guided transpapillary biliary endoprosthesis infection-A pilot clinical study".   | Dr. S. S. Baijal<br>Radiology                    | 1992-1993 | 97,000=00   |
| 77. | "Pattern of gastric emptying in patients with advanced carcinoma pancreas before & after gastrojejunostomy"  | Dr. S. S. Sikora<br>Surgical Gastroenterology    | 1992-1993 | 15,500=00   |
| 78. | "Effect of aspirin on gall bladder motility in patients with gall stone disease".  | Dr. V. A. Saraswat<br>Gastroenterology           | 1992-1993 | 72,500=00   |
| 79. | "Bio-distribution of radiolabelled Liposomes".   | Dr. A. B. Sewatkar<br>Nuclear Medicine           | 1992-1993 | 90,000=00   |
| 80. | "Liver kidney microsomal (LKM) antibodies in the diagnosis of autoimmune liver diseases in children".  | Dr. S. K. Yachha<br>Gastroenterology             | 1993-1994 | 40,000=00   |
| 81. | "Transferrin receptor and ferritin levels in corpus striatum and Mid Brain of Iron depleted Rats".   | Dr. R. D. Mittal<br>Pathology                    | 1993-1994 | 1,00,000=00 |
| 82. | "Anatomical distribution of nitric oxide(NO) producing neurons in the human esophageal myenteric plexus: Elucidation of the possible role of NO in propagated esophageal peristalsis". | Dr. Rakesh Aggarwal<br>Gastroenterology          | 1993-1994 | 86,200=00   |
| 83. | "Evaluation of pathophysiology of intra operative hypertension during percutaneous nephrolithotripsy & Ureterorenoscopy".  | Dr. A. K. Baronia<br>Anaesthesiology             | 1993-1994 | 1,00,000=00 |
| 84. | "Association of HLA class-II antigens at molecular level with rheumatoid arthritis".   | Dr. Suraksha Agarwal<br>Genetics                 | 1993-1994 | 1,00,000=00 |
| 85. | Use of dopamine in prevention....study".   | Dr. Nakul Sinha                                  | 1993-1994 | 1,00,000=00 |

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|     |   | Cardiology                                    |           |             |
| 86. | “Standerization of Radiofrequency & Magenetic field exposures at MRI system”.                                 | Dr. H.K.Singh<br>Radiology                    | 1993-1994 | 1,00,000=00 |
| 87. | “Islet cell antigens and autoantigens:studies on their biology & function”.                                   | Dr.S.Srikanta<br>Endocrinology                | 1993-1994 | 1,00,000=00 |
| 88. | “Anaesthetic Management for laproscopic cholecystectomy”.   | Dr.Atul Gaur<br>Anaesthesiology               | 1994-1995 | 90,000=00   |
| 89. | “Normal(Reference)Range of blood and body fluids biochemistry in the local (UP) popu-<br>lation”.             | Dr.V.Ramesh<br>Pathology                      | 1994-1995 | 1,00,000=00 |
| 90. | “Clinical,Electrophysiological & cytochemical studies on Mitochondrial Cytopathies”.                          | Dr.Sunil Pradhan<br>Neurology                 | 1993-1994 | 50,000=00   |
| 91. | “Mapping of the T cell stimulatory epitopes in different clinical types of tuberculosis”.                     | Prof.Sita Naik<br>Immunology                  | 1993-1994 | 96,000=00   |
| 92. | “Non-Insulin dependent diabetes in the young in North India clinical,metobolic and<br>Immunological studies”. | Prof.Eesh Bhatia<br>Endocrinology             | 1993-1994 | 98,000=00   |
| 93. | “Identification & characterisation of B-thala- ssemia mutations by direct sequencing”.                        | Dr.Sarita Agarwal<br>Genetics                 | 1993-1994 | 1,00,000=00 |
| 94. | “Transmission of filariasis through blood transfusion”.   | Dr.N.Choudhary<br>Transfusion Medicine        | 1993-1994 | 50,000=00   |
| 95. | “Investigations on T cell derived solubbe suppressor factor in HbsAg carriers”.                               | Prof.Sita Naik<br>Immunology                  | 1993-1994 | 99,000=00   |
| 96. | “Role of autoantibodies in delination of subset in Jevenile”.   | Prof.R.N.Mishra<br>Immunology                 | 1993-1994 | 1,00,000=00 |
| 97. | “Characterisation of absess through NMR Spectroscopy”.  | Dr.H.K.Singh<br>Radiology                     | 1994-1995 | 50,000=00   |
| 98. | “Role of nucleotides in signal transduction in leukemic cell”.  | Dr.Aruna Parashar<br>Immunology               | 1994-1995 | 1,00,000=00 |
| 99. | “Immunological status of patients before and after laproscopic cholecystectomy”.                              | Prof.S.P.Kaushik<br>Surgical Gastroenterology | 1994-1995 | 66,000=00   |
| 100 | “Functional protein C and protein 5 levels in idiopathic portal venous obstruction in<br>Children”.           | Dr.S.K.Yachha<br>Gastroenterology             | 1994-1995 | 90,000=00   |
| 101 | “Prevalence & antigenic determinants of autoantibodies to Endothelial Cells”.                                 | Dr.Soniya Nityanand<br>Immunology             | 1994-1995 | 80,000=00   |
| 102 | “Role of compylobacter jejuni in gluilla in Syndrome”.  | Dr.K.N.Prasad<br>Microbiology                 | 1994-1995 | 60,000=00   |
| 103 | “Study of pathogenetic mechanisms of idiopathic constipation in an adult population”                          | Dr.Rakesh Aggarwal<br>Gastroenterology        | 1994-1995 | 66,000=00   |
| 104 | “NO2 in place of air to identify epidural space by lass of resistance to injection technique”.                | Dr.Atul Gaur<br>Anaesthesiology               | 1994-1995 | 25,000=00   |
| 105 | “Closed-loop vecuranium infussion to fecilitate pressure support ventilation”.                                | Dr.Mukesh Tripathi<br>Anaesthesiology         | 1994-1995 | 25,000=00   |
| 106 | “The effect of menstrual cyde on lithogenicity of Bile”.  | Dr.G.Choudhary<br>Gastroenterology            | 1994-1995 | 25,000=00   |
| 107 | “Significance of UVR in renal transplant Recepient”.  | Dr.Anant Kumar                                | 1994-1995 | 25,000=00   |

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|     |   | Urology                                   |           |             |
| 108 | "Growth retardation and the growth hormone IGFI Axis in rheumatic and congenital heart disease".  | Dr.V.L.Bhatia<br>Endocrinology            | 1994-1995 | 85,000=00   |
| 109 | "PCR and serological study of parvovirus B19 in Arthritis".   | Dr.Janak Kishore<br>Microbiology          | 1994-1995 | 60,000=00   |
| 110 | "Effect and specificity of TH1 & TH2 cell driven cytokine on T cell proliferative response in human Patients".  | Dr.V.K.Singh<br>Immunology                | 1994=1995 | 1,00,000=00 |
| 111 | "A randomised clinical trial to evaluate the role of plasma glutathione as a predictor of tumour response to radiotherapy and chemotherapy"                           | Dr.N.R.Dutta<br>Radiotherapy              | 1995-1996 | 1,00,000=00 |
| 112 | "Growth retardation in extrahepatic portal obstruction A model for growth hormone resistance".  | Dr.V.L.Bhatia<br>Endocrinology            | 1995-1996 | 79,000=00   |
| 113 | "Early alterations in Beta cell secretin and insulin resistance and their relative role in the pathogenesis of glucose intolerance in tropical calcific pancreatitis" | Dr.Eesh Bhatia<br>Endocrinology           | 1995-1996 | 70,500=00   |
| 114 | "Stroke evaluation : A study of clinical, haemodynamic and MR features".  | Dr.Anoop Kohli<br>Neurology               | 1995-1996 | 1,00,000=00 |
| 115 | "Role of zeugmatin in Myofibrillogenesis".  | Dr.Balraj Mittal<br>Genetics              | 1995-1996 | 1,00,000=00 |
| 116 | "Comparative evaluation of different polymorphic sites for carrier detection and antenatal diagnosis of Hemophilia in Indian Patients".                               | Dr.Sarita Agarwal<br>Genetics             | 1995-1996 | 80,000=00   |
| 117 | "Effect of hypothyroidism on testicular morphology and certain parameters of energy metabolism during pubertal Phase in Rat".   | Prof.M.M.Godbole<br>Endocrinology         | 1995-1996 | 1,00,000=00 |
| 118 | "Effect of chronic fluoride toxicity on rat calcium receptor expression".   | Dr.Amrish Mithal<br>Endocrinology         | 1995-1996 | 1,00,000=00 |
| 119 | "Prevalence and characterization of Nodular thyroid lesions in the endemic goitrous subjects of districts of Padrauna,UP".  | Prof.S.K.Mishra<br>Surgical Endocrinology | 1995-1996 | 99,400=00   |
| 120 | "Heart rate variability in diabetic patients having autonomic neuropathy under anaesthesia and in future correlation with circulating plasma catecholamine Levels".   | Dr.Prabhat Tiwari<br>Anaesthesiology      | 1995-1996 | 76,000=00   |
| 121 | "Evaluation of urinary excretion of complement degradation product C3d in relation to disease activity in systemic Lupus Erythematosus".                              | Prof.R.N.Mishra<br>Immunology             | 1995-1996 | 95,000=00   |
| 122 | "Carrier detection and gene duplication in Duchenne and Becker Muscular Dystrophy".   | Dr.Balraj Mittal<br>Genetics              | 1996-1997 | 1,00,000=00 |
| 123 | "Endocrine status in patients with thalassemia major and Intermedia".   | Dr.V.L.Bhatia<br>Endocrinology            | 1996-1997 | 99,420=00   |
| 124 | "Does B-thalassemia traits confer protection against coronary artery Diseases".   | Dr.Sarita Agarwal<br>Genetics             | 1996-1997 | 90,000=00   |
| 125 | "The role of complement activation in Juvenile chronic Arthritis".  | Dr.Amita Aggarwal<br>Immunology           | 1996-1997 | 1,00,000=00 |
| 126 | "Radionuclide Esophageal Transit study:solid and liquid bolus transit in healthy volunteers and in GERD".   | Dr.S.Gambhir<br>Nuclear Medicine          | 1996-1997 | 78,000=00   |
| 127 | "Development and standardization of Modified Radio-respirometric technique for faster detection of Microorganisms and assessment of antibiotic Sensitivity".          | Dr.A.K.Shukla<br>Nuclear Medicine         | 1996-1997 | 1,00,000=00 |
| 128 | "Study of bone mineral distribution pattern in endemic fluorosis relationship with calcium Intake"  | Dr.Amrish Mithal<br>Endocrinology         | 1997-1998 | 1,10,000=00 |
| 129 | "Cathepsin D-in thyroid carcinoma of endemic origin-A potential prognostic Marker".   | Prof.S.K.Mishra                           | 1997-1998 | 1,00,000=00 |

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|-----|---|---|-----------|-------------|
|     |   | Surgical Endocrinology                      |           |             |
| 130 | "Isolation of Helicobacter pylori from dental plaque and biopsy and dyspeptic patients and their molecular typing".   | Dr.K.N.Prasad<br>Microbiology               | 1997-1998 | 1,00,000=00 |
| 131 | "Characterization of antibodies to endothelial cell of different origins".  | Dr.Soniya Nityanand<br>Immunology           | 1997-1998 | 1,50,000=00 |
| 132 | "Glutamic acid decarboxylase autoantibodies in young subjects with Non-insulin dependent diabetes from North India".  | Prof. Eesh Bhatia<br>Endocrinology          | 1997-1998 | 96,000=00   |
| 133 | "Methotrexate in Juvenile rheumatoid arthritis: Does it act by inhibition of IL-6 and TNF-alpha".   | Dr.Amita Aggarwal<br>Immunology             | 1997-1998 | 1,10,000=00 |
| 134 | "A study of muscle energy metabolism using <sup>31</sup> P magnetic resonance spectroscopy in patients with NIDDM and their first degree relation".                             | Dr.Sunil Kumar<br>Radiology                 | 1997-1998 | 1,16,000=00 |
| 135 | "Molecular and Immunological study of Human Cytomegalovirus in renal transplant recipient".   | Dr.Janak Kishore<br>Microbiology            | 1997-1998 | 1,00,000=00 |
| 136 | "Hypocalcemia following thyroid-----thyrotoxicosis".  | Dr.Amit Agarwal<br>Endocrinology            | 1998-1999 | 1,00,000=00 |
| 137 | "Characterization of opioid receptor for immunostimulatory analogs of Met-Enkephalin".  | Dr.V.K.Singh<br>Immunology                  | 1998-1999 | 1,00,000=00 |
| 138 | "Role of calcium and vitamin D supplements in prevention of Metabolic Bone Disease in children with Idiopathic Nephrotic Syndrome".   | Dr.Sanjeev Gulati<br>Nephrology             | 1998-1999 | 1,00,000=00 |
| 139 | "Generation of single chain Fv antibody for tumor targeting"  | Dr.Aruna Parashar<br>Immunology             | 1998-1999 | 1,10,000=00 |
| 140 | "Idiopathic oligospermic and teratospermic infertile Male: Evaluation for sperm aneuploidy of chromosome X, Y and 13/21 by fluorescent in situ, Hybridisation".                 | Dr.Ashutosh Halder<br>Genetics              | 1998-1999 | 1,06,000=00 |
| 141 | "Expression of the Multidrug resistance associated-P-glycoprotein (P-170) in Haematologic Malignancies Prognostic Implications".  | Dr.Seema Sharma<br>Pathology                | 1998-1999 | 85,000=00   |
| 142 | "Patterns of erythropoiesis in renal Allograft Recipients".   | Dr.Manoj Jain<br>Pathology                  | 1998-1999 | 85,000=00   |
| 143 | "Is p53 A predictor of tumor response to radiotherapy in Head & Neck cancer? A study based on immuno-histochemistry and anti-P-53 Antibody Assay".                              | Dr.Punita Lal<br>Radiotherapy               | 1998-1999 | 85,000=00   |
| 144 | "Serum Leptin Level in patients with polycystic ovary disease and its correlation with endocrine and metabolic profile and regional body fat Distribution".                     | Dr.S.K.Gupta<br>Endocrinology               | 1998-1999 | 1,00,000=00 |
| 145 | "Association Between urolithiasis and the absence of the Intestinal Bacterium, oxalobacter formigenes".   | Dr.H.S.G.Rao T<br>Urology                   | 1998-1999 | 1,00,000=00 |
| 146 | "Comparative study of role of cisapride Vs erythromycin in malignant gastroparesis due to carcinoma Gallbladder".   | Dr.Ashok Kumar<br>Surgical Gastroenterology | 1998-1999 | 35,000=00   |
| 147 | "A three dimensional assessment of congenital atlantoaxial dislocation with emphasis on lateral C 1-2 joints configuration".  | Dr.Sanjay Behari<br>Neurosurgery            | 1998-1999 | 1,00,000=00 |
| 148 | "Antibodies to keratin and porinuclear factor in patients with Juvenile rheumatoid arthritis prevalence and antigenic targets".   | Dr.Amita Aggarwal<br>Immunology             | 1998-1999 | 1,00,000=00 |
| 149 | "Correlation of serum & urinary IL-2R assay with urinary cytology in patients of acute renal allograft rejection".  | Prof.R.K.Gupta<br>Pathology                 | 1998-1999 | 1,25,000=00 |
| 150 | "Study of the efficacy and safety of Low Dose intravesical BCG in superficial bladder cancer, with special reference to the Indian Population: A randomized prospective trial". | Dr.Anant Kumar<br>Urology                   | 1998-1999 | 1,00,000=00 |
| 151 | "Mechanism of growth retardation in extrahepatic portal venous obstruction".  | Dr.V.L.Bhatia                               | 1998-1999 | 1,00,000=00 |

|     |   |  |           |             |
|-----|---|--|-----------|-------------|
|     |   | Endocrinology                                |           |             |
| 152 | “TH1 and TH2 cytokine profile of different groups of Immunomodulators”.   | Dr.V.K.Singh<br>Immunology                   | 1998-1999 | 1,00,000=00 |
| 153 | “Haemodynamic effects of intubation dose of rocuronium as compared to vecuronium in the patients of Mitral valve Disease”.        | Dr.Prabhat Tiwari<br>Anaesthesiology         | 1998-1999 | 40,000=00   |
| 154 | “Study of role of intrafamilial spread in sporadic Hepatitis E”.  | Dr.Rakesh Aggarwal<br>Gastroenterology       | 1998-1999 | 1,25,000=00 |
| 155 | “Factors influencing cyclosporine pharmacokinetics in post renal transplanta- tion Indian Patients”.                              | Dr.D.K.Agarwal<br>Nephrology                 | 1998-1999 | 1,00,000=00 |
| 156 | “Quantitation of Gastrointestinal protein lose by 51-Cr-Albumin”.   | Dr.A.B.Sewatkar<br>Nuclear Medicine          | 1998-1999 | 70,000=00   |
| 157 | “A prospective study of pancreatic exerine and endocrine function after decompressive surgery in tropical calcific pancreatitis”. | Dr.S.S.Sikora<br>Surgical Gastroenterology   | 1998-1999 | 99,000=00   |
| 158 | “Mammoscintigraphy with technitium 99m-MIBI in the assesment of chemotherapy response in locally advance Ca breast Patients”.     | Dr.S.Gambhir<br>Nuclear Medicine             | 1998-1999 | 70,000=00   |
| 159 | “Role of gallstones and salmonella species in carcinogenesis of Gall Bladder in Hamster Model”.                                   | Prof.V.K.Kapoor<br>Surgical Gastroenterology | 1998-1999 | 1,00,000=00 |
| 160 | “Study of Biochemical markers of Bone Turnover in Metastatic and Non-metastatic Breast Cancer”.                                   | Dr.Gaurav Agarwal<br>Surgical Endocrinology  | 1998-1999 | 1,08,000=00 |
| 161 | “Phospho Lipase C activity as a predictor of thyroid tumor aggressiveness”  | Dr.Amit Agarwal<br>Surgical Endocrinology    | 1998-1999 | 95,000=00   |
| 162 | “Role of bacterial infection and altered bile composition in patients with gall bladder Diseases”.                                | Dr.G.Choudhuri<br>Gastroenterology           | 1998-1999 | 1,00,000=00 |
| 163 | “p53 Mutation status and Microvessel density in Well-differentiated thyroid carcinoma”.   | Prof.S.K.Mishra<br>Endocrine Surgery         | 1998-1999 | 1,00,000=00 |
| 164 | “Does antilymphocyte Globulin act by Inducing apoptosis of Lymphocyte in aplastic Anemia”.  | Dr.Soniya Nityanand<br>Immunology            | 1999-2000 | 1,25,000=00 |
| 165 | “Expression of p53 and fas-gene in astrocytomas and correlation with the degree of Malignancy”.                                   | Dr.Lily Pal<br>Pathology                     | 1999-2000 | 1,25,000=00 |
| 166 | “Measusrement of cyclophilin ‘A’ and nuclear factors NFAT/OCT/NFKB renal transplant patient”.                                     | Dr.Aruna Parashar<br>Immunology              | 1999-2000 | 2,37,500=00 |
| 167 | “Analysis of point mutations in dystrophin Gene”.   | Dr.Balraj Mittal<br>Genetics                 | 1999-2000 | 1,10,000=00 |
| 168 | “Cytokine (IL-6,IL-8,TNF-a) generation in platelet concentrate:Effect of pre-storage gamma Irradiation”.                          | Dr.R.K.Choudhary<br>Transfusion Medicine     | 1999-2000 | 1,10,000=00 |
| 169 | “Effect of High Risk BFM protocol on tumour load in philadelphia chromosome positive cases of acute lymphatic Leukeamia”.         | Dr.Sunil Dabadghao<br>Immunology             | 1999-2000 | 1,20,000=00 |
| 170 | “Effect of thyroid hormone on Mitochondrial Modulated Apoptosis”.   | Prof.M.M.Godbole<br>Endocrinology            | 1999-2000 | 1,20,000=00 |
| 171 | “Role of Helicobacter Pylori in subclinical Hepatic Encephalopathy”.  | Prof.S.R.Naik<br>Gastroenterology            | 1999-2000 | 1,05,000=00 |
| 172 | “Development of a new imaging method for localization and quantification of incorporated beta emitting radio Nuclides”.           | Dr.A.K.Shukla<br>Nuclear Medicine            | 1999-2000 | 1,25,000=00 |
| 173 | “F 508 Mutation of cystic fibrosis transmembrane regulator gene in tropical calcific  | Prof.Eesh Bhatia                             | 1999-2000 | 95,000=00   |



|     |   |  |           |             |
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|     | Pancreatitis”.  | Endocrinology                            |           |             |
| 174 | “Antibodies against tissue transglutamerase (tTg) as a markerr identifying celiac disease (CD) in Children”.  | Dr.S.K.Yachha<br>Gastroenterology        | 1999-2000 | 1,55,000=00 |
| 175 | “Effect of calcium and vitamin deprivation on gene expression of Molecules involved in rabbit Intestine”.   | Dr.S.K.Gupta<br>Endocrinology            | 1999-2000 | 1,50,000=00 |
| 176 | “Study of effects of iodine adjunct therapy on gene expression of molecules involved in iodine transport and adoptotic effector pathway (bcl-2), bcl-x1 and bax) in DMBA induced breast cancer in Mice”.  | Dr.Gaurav Agarwal<br>Endocrine Surgery   | 1999-2000 | 1,25,000=00 |
| 177 | “Standerization of molecular cytogenetics services at SGPGIMS”.   | Dr.Ashutosh Halder<br>Genetics           | 2000-2001 | 3,50,000=00 |
| 178 | “Immunohistochemical localization and serological detection of basic fibroblast growth factor in patients with systemic sclerosis”.   | Dr.Amita Aggarwal<br>Immunology          | 2000-2001 | 1,10,000=00 |
| 179 | “Does the local milieu influence apoptosis of polymorphonuclear cells in synovial space or rheumatoid Joints?”.   | Prof.Sita Naik<br>Immunology             | 2000-2001 | 1,00,000=00 |
| 180 | “Expression of opioid receptors (s,u and k) in lymphoblastoid cell line (Jurkat)”.  | Dr.V.K.Singh<br>Immunology               | 2000-2001 | 1,40,000=00 |
| 181 | “Molecular studies in relation to microsatellite instability and mutation of k-ras and p53 in cancer of pancreas and gall Bladder”.   | Dr.G.Choudhari<br>Gastroenterology       | 2000-2001 | 1,11,000=00 |
| 182 | “Prevalence of connexin 26 gene mutations in nonsyndromic congenital deafness in Indian Population”.  | Dr.Shubha Phadke<br>Genetics             | 2000-2001 | 1,25,000=00 |
| 183 | “Preparation of cryoprecipitate from plasma virally inactivated by methylene blue photo treatment : Effect on coagulation Proteins”.  | Dr.R.K.Choudhary<br>Transfusion Medicine | 2000-2001 | 1,00,000=00 |
| 184 | “Microdeletion in the Y chromosome of infertile men and impact on outcome following intrauterine Insemination in Oligospermics”.  | Dr.Aneesh Srivastava<br>Urology          | 2000-2001 | 1,00,000=00 |
| 185 | “Study of drug sensitivity in-vitro and Multi drug resistance (MDR) gene expression in acute lymphatic leukaemia. Correlation with age and presence of Philadelphia chromosome  | Dr.Sunil Dabadghao<br>Immunology         | 2000-2001 | 90,000=00   |
| 186 | “Microsatellite varfiation in North Indians”.   | Dr.Suraksha Agarwal<br>Genetics          | 2000-2001 | 1,25,000=00 |
| 187 | “Alveolar recruitment strategy-in patients with mild to moderate lung Injury”.  | Dr.Anil Agarwal<br>Anaesthesiology       | 2000-2001 | 73,000=00   |
| 188 | “Sequential plasma methionine Enkephalin Concentration:A possible prognostic predictor in Fulminant Hepatic Failure”.   | Dr.C.K.Pandey<br>Anaesthesiology         | 2000-2001 | 1,65,000=00 |
| 189 | “Susceptibility to antifungal agents and DNA subtyping of candida species with special reference to candida albicans isolates from patients and other hospital sources”.  | Dr.K.N.Prasad<br>Microbiology            | 2000-2001 | 75,000=00   |
| 190 | “An investigation on molecular basis for clinical aggressiveness in papillary thyroid carcinoma by comparative genomic Hybridi-zation”.   | Dr.Ashutosh Halder<br>Genetics           | 2000-2001 | 1,25,000=00 |
| 191 | “Is there a non-autoimmune subgroup of insulin-dependent Diabetes?”.  | Dr.Preeti Dabadghao<br>Endocrinology     | 2000-2001 | 1,28,000=00 |
| 192 | “Lower Inflection Point(LIP) and Upper Inflection Point (UIP) of the pressure-volume curves in the patients with ALI/ARDS at different lung injury scores)-A comparison of conventional single measurement method with the proposed multiple (in rapid succession) measurements methods”. | Dr.A.K.Baronia<br>Anaesthesiology        | 2000-2001 | 40,000=00   |
| 193 | “Comparison of hyperkalemic blood cardioplegin with and without magnesium, and its effects on perioperative hemodynamic status in patients undergoing open heart Surgery”.  | Prof.G.D.Puri<br>Anaesthesiology         | 2000-2001 | No fund     |

|     |  |  |   |             |
|-----|--|--|---|-------------|
| 194 | "Point mutation/Microdeletions and SMN (T/C) ration in spinal Muscular Atrophy:Phenotype Correlation and Carrier Analysis".  | Dr.Balraj Mittal<br>Genetics           | 2000-2001   | 1,05,000=00 |
| 195 | "Identification of Immunodominant antigen of salmonella Typhimurium in Salmonella Induced Reactive Arthritis".   | Prof.R.N.Mishra<br>Immunology          | 2000-2001   | 1,10,000=00 |
| 196 | "The role of small bowel bacterial flora and GI transit time in patients with tropical sprue".   | Dr.U.C.Ghoshal<br>Gastroenterology     | 2000-2001   | 90,000=00   |
| 197 | "Measurement of the Minimal Content of Renal Calculi by dual energy x-ray absorptiometry. Correlation with its fragility to extracorporeal shock wave".  | Dr.Anil Mandhani<br>Urology            | 2000-2001   | 70,000=00   |
| 198 | "Distribution of Na+/I+ symporter (hNIS) gene in differentiated thyroid cancer (DTC) in Endemically Iodine deficient region and its correlation with clinico-pathological prognostic factors". | Prof.S.K.Mishra<br>Endocrine Surgery   | 2000-2001   | 85,000=00   |
| 199 | "A study of the mechanism of induction of apoptosis by anti lymphocyte globulins (ALG)".   | Dr.Soniya Nityanand<br>Immunology      | 2000-2001   | 1,30,000=00 |
| 200 | "Role of hepatitis E virus (HEV) and hepatitis A virus (HAV) infection in causing decompensation of chronic liver disease".  | Dr.Rakesh Aggarwal<br>Gastroenterology | 2000-2001<br>extended –<br>31.8.2002( 8<br>months)  | 1,35,000=00 |
| 201 | "Identifying new clinical markers for predicting renal function recovery, in obstructive nephropathy".   | Dr.Ajay P Sharma<br>Nephrology         | 2001-2002   | 1,00,000=00 |
| 202 | "The role of Nutritional Support in Patients with Acute Severe Pancreatitis"   | Dr.S.S.Sikora<br>Surg.Gastroenterology | 2001-2002<br>extended –<br>30.6.2003 (one yrs)      | 95,000=00   |
| 203 | "Improving the quality of head and neck radiotherapy with custom 3-D dose compensation".   | Dr.Shaleen Kumar<br>Radiotherapy       | 2001-2002<br>extended –<br>31.1.2004(one yrs)       | 1,00,000=00 |
| 204 | "Percutaneous Tracheostomy:Clinical Evalu- ation of Modified Tracheostomy Kit Verses the Griggs Tracheostomy Kit".   | Dr.S.P.Ambesh<br>Anaesthesiology       | 2001-2002   | 1,00,000=00 |
| 205 | "Effect of sTNF-receptor therapy on mediators of angiogenesis and tissue destruction in patients with rheumatoid arthritis".   | Dr.Amita Aggarwal<br>Immunology        | 2001-2002   | 1,30,000=00 |
| 206 | "Role of angiogenic factors in the evolution of oligodendrogliomas".   | Dr. Lily Pal<br>Pathology              | 2001-2002   | 1,25,000=00 |
| 207 | "Acetylcholinesterase histochemistry and anorectal manometry in the evaluation of Hirschsprung's disease".   | Dr.Richa Lal<br>Surg.Gastroenterology  | 2001-2002<br>extended –<br>31.3.2003 ( 9<br>months_ | 75,000=00   |
| 208 | "Cloning and expression of ber-abl fusion gene(partial) in Escherichia Coli".  | Dr.Sunil Dabadghao<br>Immunology       | 2001-2002   | 1,00,000=00 |
| 209 | "To study histological prognostic factors in medulloblastomas and refine ratiation techniques".  | Dr.Punita Lal<br>Radiotherapy          | 2001-2002<br>extended-<br>30.6.2003 (one yrs)       | 1,25,000=00 |
| 210 | "Estimation of Tissue and Plasma Nitric Oxide (NO) in patients of Squamous Cell Carcinoma of Cervix".  | Dr.Neeraj Rastogi<br>Radiotherapy      | 2001-2002<br>extended-<br>30.6.2003(one yrs)        | 96,000=00   |
| 211 | "Soluble cell adhesion molecules correlation with disease activity in takayasu Arteritis".   | Dr.Naveen Garg                         | 2001-2002   | 1,00,000=00 |

|     |   |   |   |             |
|-----|---|---|---|-------------|
|     |   | Cardiology                                | extended-<br>31.12.2002( 6<br>months)               |             |
| 212 | “Etiology of Rickets/osteomalacia in adolescenjt in India and response to treatment with calcium or calcium with vitamin D”.  | Dr.V.L.Bhatia<br>Endocrinology            | 2001-2002   | 1,00,000=00 |
| 213 | “Lipoprotein(a) and comprehensive Lipid Tetrad Index as a risk factor and predictor of coronary artery disease in correlation with carotid artery intimalmedia thickness”.      | Dr.Satyendra Tewari<br>Cardiology         | 2001-2002<br>extended-<br>31.12.2002 ( 6<br>months) | 1,06,000=00 |
| 214 | “Right ventricular diastolic function after repair of tetralogy of fallot & correlation with exercise Performance”.   | Dr.Aditya Kapoor<br>Cardiology            | 2001-2002   | 1,10,000=00 |
| 215 | “”Universal RBCs preparation & Evaluation”.   | Dr.Priti Elhence<br>Transfusion Medicine  | 2001-2002<br>extended-<br>30.6.2003(one yrs)        | 1,56,000=00 |
| 216 | “Technetium pertechnetate scentigraphy in breast cancer and fibrocystic disorders of breast”.   | Dr.P.K.Pradhan<br>Nuclear Medicine        | 2001-2002<br>extended-<br>31.12.2002 (6<br>months)  | 50,000=00   |
| 217 | “Association Between Urolithiasis and the absence of the Intestinal Bacterium, Oxalobacter Formigenes”.   | Prof.M.M.Godbole<br>Endocrinology         | 2001-2002   | 1,00,000=00 |
| 218 | “Assessment of disease burden due to Taenia Solium in a rural community”.   | Dr.C.M.Pandey<br>Biostatistics            | 2001-2002   | 1,31,000=00 |
| 219 | “Presence of Angiotensin Converting Enzyme, D-Allete Polymorphism as a Risk Factor and Predictor of Coronary Artery Disease and To correlate with the Severity of the Disease.” | Dr.Satyendra Tewari<br>Cardiology         | 2002-2003   | 1,00,000=00 |
| 220 | “Clinico-genetic correlation of idiopathic nephritic syndrome in Children”.   | Dr.Sanjeev Gulati<br>Nephrology           | 2002-2003   | 1,00,000=00 |
| 221 | “The evaluation of optimal preemptive dose of gabapentin for post-operative pain relief in lumbar spine surgery: A randomizes double blind, placebo controlled study”.          | Dr. C.K.Pandey<br>Anesthesiology          | 2004 - 2005   | 3,000=00    |
| 222 | “Polymorphism of MTHFR gene as a risk factor in neural tube defect and its correlation with the site of defect”.  | Dr. Mandakini Pradhan<br>Medical Genetics | 2004 -2005  | 1,04,000=00 |
| 223 | “Genetic Studies in Prader Willi and Angelman Syndrome”.  | Prof. Balraj Mittal<br>Genetics           | 2004 - 2005   | 1,30,000=00 |
| 224 | “Mesangioproliferative Glomerulonephritis: Prognostic Role of Alpha-Smooth Muscle Action in IgA Nephropathy”.   | Dr. Manoj Jain<br>Pathology               | 2004 -2005  | 1,30,000=00 |
| 225 | “Detection of paroxysmal nocturnal hemoglobinuria defect in patients with Aplastic anemia and myelodysplastic syndrome by flow cytometry”.                                      | Dr. Ritu Gupta<br>Hematology              | 2004-2005   | 1,10,000=00 |
| 226 | “In vitro investigations of the molecules involved in 4-HPR induced apoptosis in glioblastoma cell lines”.  | Prof. M.M.Godbole<br>Endocrinology        | 2004-2005   | 1,00,000=00 |
| 227 | “Serotypic and Genotypic Characterization of dengue virus from a dengue epidemic which occurred in and around Lucknow”.   | Dr. Janak Kishore<br>Microbiology         | 2004-2005   | 1,00,000=00 |
| 228 | “Role of TNF-a, TGF-b and IL-1, Ra Gene Polymorphism in end stage renal disease and Renal Transplant Patients”.   | Dr. R.D. Mittal<br>Urology                | 2004-2005   | 1,50,000=00 |
| 229 | “Diabetes mellitus and insulin resistance in polycystic ovary syndrome”.  | Dr. Subhash B. Yadav                      | 2004-2005   | 1,30,000=00 |

|     |   |   |            |  |
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|     |   | Endocrinology   |            |  |
| 230 | "The evaluation of the effects of oral premedication with Gabapentin, Clonidine or Gabapentin and Clonidine on Postoperative fentanyl requirement in spine surgery".                                | Dr. C.K. Pandey<br>Anesthesiology                             | 2004-2005  | 50,000=00  |
| 231 | "The role of IgG Anti-b lactoglobulin antibody in the diagnosis of cow's milk protein intolerance".   | Dr. Ujjal Poddar<br>Gastroenterology                          | 2004-2005  | 85,000=00  |
| 232 | "Does hepatitis E virus (HEV) exist inside peripheral blood mononuclear cells in patients with acute hepatitis E?".   | Dr. Rakesh Aggarwal<br>Gastroenterology                       | 2004-2005  | 1,50,000=00  |
| 233 | "Can in vitro inhibition of cytokine production predict clinical response to methotrexate?".  | Dr. Amita Aggarwal<br>Immunology                              | 2004 -2005 | 1,50,000=00  |
| 234 | "Esophageal acidic reflux during nocturnal acid breakthrough in gastroesophageal reflux disease: Relationship with symptoms, lower esophageal sphincter pressure and body motility".                | Dr. U.C. Ghoshal<br>Gastroenterology                          | 2004-2005  | 1,50,000=00  |
| 235 | "Study of role of human cytomegalovirus pp 65 antigenemia assay in the early diagnosis and management of cytomegalovirus infection in seroendemic renal allograft recipients".                      | Dr. Mufazzal Ahmad<br>Nephrology                              | 2004-2005  | 1,00,000=00<br>Transferred to<br>Prof.<br>R.K.Sharma,<br>Nephrology on<br>(17.12.2005) |
| 236 | "Study of transfusion induced immunomodulation after one time transfusion".   | Dr. Anupam Verma<br>Transfusion Medicine                      | 2004-2005  | 1,20,000=00  |
| 237 | "5 alpha reductase deficiency among patients with male pseudohermaphrodite syndrome-a male genetic study".  | Dr. V.L.Bhatia<br>Endocrinology                               | 2004-2005  | 1,70,000=00  |
| 238 | "Efficacy of oral Sildenafil in Management of severe pulmonary hypertension".   | Dr. Naveen Garg<br>Cardiology                                 | 2005-2006  | 1,20,000=00  |
| 239 | "To predict, monitor response of chemotherapy and radiotherapy and evaluate the utility of MIBI SPECT in tailoring radiation portals in treatment of locally advanced non small cell lung cancers". | Dr. Sushma Agrawal,<br>Asst. Prof. Dept. of<br>Radiotherapy   | 2005-2006  | 1,00,000=00  |
| 240 | "Radiation induced DNA damage & micronucleus frequency in peripheral blood lymphocytes of cancer patients-Does it have a predictive value for normal tissue toxicity & disease control?"            | Dr. Shalini Singh, Asst.<br>Prof. Dept. of<br>Radiotherapy    | 2005-2006  | 80,000=00  |
| 241 | "To study the swallowing dysfunction in post-irradiated head & neck cancer patients".   | Dr. Punita Lal, Assoc.<br>Prof. Dept. of<br>Radiotherapy      | 2005-2006  | 25,000=00  |
| 242 | "To develop an interactive 'three-dimensional target volume delineation' methodology, for precision radiation therapy of brain tumors".   | Dr. K.J.Maria Das, Asst.<br>Prof. Dept. of<br>Radiotherapy    | 2005-2006  | 1,25,000=00  |
| 243 | "Scientigraphic Evaluation of salivary gland dysfunctions in patients with head & neck cancer treated by radiation therapy".  | Dr. Neeraj Rastogi,<br>Assoc.Prof. Dept. of<br>Radiotherapy   | 2005-2006  | 50,000=00  |
| 244 | "Evaluation of Rhenium-186 labeled glucoheptonate for the imaging of brain tumor".  | Dr. Sukanta Barai,<br>Asst.Prof. Dept. of<br>Nuclear Medicine | 2005-2006  | 1,00,000=00  |
| 245 | "Helicobacter pylori & Gastric Carcinogenesis: Role of Cytochrome P-450 Polymorphism".  | Dr. Ujjala Ghoshal, Asst.<br>Prof. Dept. of<br>Microbiology   | 2005-2006  | 1,25,000=00  |

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|-----|--|---|---------------------------------------|-------------|
| 246 | “Viral Infections in Renal Allograft Recipients”.  | Dr. Vinita Agrawal, Asst. Prof. Dept. of Pathology                  | 2005-2006                             | 1,00,000=00 |
| 247 | “Rapid detection of Rifampicin resistance in Mycobacterium tuberculosis infection by molecular method from patients attending tertiary care hospital”.                       | Dr. Vijaya Lakshmi Nag, Asst. Prof. Dept. of Microbiology           | 2005-2006                             | 1,25,000=00 |
| 248 | “Comparison of four techniques for detection of fetomaternal hemorrhage”.  | Dr. Prashant Agarwal, Asst. Prof. Dept. of Transfusion Medicine     | 2005-2006                             | 1,25,000=00 |
| 249 | “Monitoring and evaluation of iodine deficiency disorders (IDD) in Post Iodization phase in Gonda District of UP”.   | Dr. Subhash B Yadav, Asst. Prof. Dept. of Endocrinology             | 2005-2006                             | 1,00,000=00 |
| 250 | “Prevalence of Ret/PTC protein in papillary thyroid cancer in an iodine deficient region”.   | Dr. Anjali Mishra, Asst. Prof. Dept. of Endocrine Surgery           | 2005-2006                             | 1,25,000=00 |
| 251 | “Biofeedback therapy for voiding dysfunction in children”.   | Dr. M.S.Ansari, Asst. Prof. Dept. of Urology                        | 2005-2006                             | 1,00,000=00 |
| 252 | “Clinico-genetic correlation of metabolic bone disease in idiopathic nephritic syndrome in children”.  | Dr. Sanjeev Gulati, Assoc. Prof. Dept. of Nephrology                | 2005-2006                             | 1,00,000=00 |
| 253 | “Peritoneal transport characteristics & its correlation with biochemical & histopathological markers of inflammation in ESRD patients on CAPD”.                              | Dr. Narayan Prasad, Asst. Prof. Dept. of Nephrology                 | 2005-2006                             | 1,00,000=00 |
| 254 | “Expression of multidrug resistance proteins in rheumatoid arthritis: Does it correlate with the response to therapy”.   | Dr. Vikas Agarwal, Asst. Prof. Dept. of Immunology                  | 2005-2006                             | 1,25,000=00 |
| 255 | “In vitro effects of imatinib mesylate on the proliferation & synthesis of extra-cellular matrix by scleroderma fibroblasts”.  | Dr. Able Lawrence, Asst. Prof. Dept. of Immunology                  | 2005-2006                             | 1,25,000=00 |
| 256 | “Stratification of Mesenchymal tumors of Gastrointestinal tract with the help of immunohistochemistry & its clinical correlation”.   | Dr. Ashok Kumar, Assoc. Prof. Dept. of Surgical Gastroenterology    | 2005-2006                             | 1,00,000=00 |
| 257 | “Role of Pentoxifylline (Non-Specific Anti-Cytokine Agent) on Left Ventricular Ejection Fraction & Functional Class in Patients with Left Ventricular Systolic Dysfunction”. | Dr. Sudeep Kumar, Asst. Prof. Dept. of Cardiology                   | 2005-2006                             | 1,00,000=00 |
| 258 | “Metabonomics of experimental diabetic cardiomyopathy using NMR spectroscopy”.   | Dr. C.Lawrance Christopher, Scientist, Experimental Animal Facility | 2005-2006                             | 1,25,000=00 |
| 259 | “A study of ATP7B gene mutations in Wilson disease with neurological manifestations”.  | Dr. J.Kalita, Assoc. Prof. Dept. of Neurology                       | 2005-2006                             | 1,00,000=00 |
| 260 | “L-Carnitine: its role in prevention of oxidative red cell injury after gamma irradiation of red blood cell components”.   | Dr. R.Choudhary, Addl. Prof. Dept. of Transfusion Medicine          | 2005-2006                             | 60,000=00   |
| 261 | “Association of Glutathione S-Transferase M1 and T1 Polymorphism and response to neoadjuvant chemotherapy (CAF) in breast cancer patients”.                                  | Dr. Anjali Mishra, Endocrine Surgery                                | 2006-2007<br>(21.6.07 grant released) | 1,00,000=00 |
| 262 | “Study of Vitamin D receptor and Calcium-Sensing Receptor gene Polymorphism in   | Dr. Amit Agarwal  | 2006-2007                             | 1,00,000=00 |

|     |  |   |                                       |             |
|-----|--|---|---------------------------------------|-------------|
|     | Primary Hyperparathyroidism in North Indian Patients”.   | Endocrine Surgery                                 | (21.6.07 released) grant              |             |
| 263 | “Prospective study of endocrine and exocrine function in patients with chronic pancreatitis, correlation with histopathology and improvement of pancreatic function with duct drainage surgery”. | Dr. Rajneesh K Singh<br>Surgical Gastroenterology | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 264 | “Structural and functional Recovery of the Pancreas Following Necrotizing Pancreatitis”.   | Dr. Anu Behari Surgical<br>Gastroenterology       | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 265 | “Preoperative right ventricular dysfunction in valvular heart disease: indices, incidence and prognosis”.  | Dr. Shantanu Pande<br>CVTS                        | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 266 | “Assessment of Iron Overload by 1H NMR Spectroscopy”.  | Dr. H.K.Singh<br>Radiodiagnosis                   | 2006-2007<br>(21.6.07 released) grant | 50,000=00   |
| 267 | “Role of IPF1 (insulin promoter factor 1) gene mutations in Maturity Onset Diabetes of the Young (MODY) and type 2 diabetes patients from North India”.  | Dr. Preeti Dabadghao<br>Endocrinology             | 2006-2007<br>(21.6.07 released) grant | 1,05,000=00 |
| 268 | “Renal functional reserve evaluation in healthy adults and patients with chronic kidney disease”.  | Dr. Sukanta Barai<br>Nuclear Medicine             | 2006-2007<br>(21.6.07 released) grant | 65,000=00   |
| 269 | “Prospective surveillance of Nosocomial infections in ICU: Epidemiology (incidence and risk factors), etiology, Source, Attributable cost and Preventive strategies”.                            | Dr. Afzal Azim Critical<br>Care Medicine          | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 270 | “Safety, efficacy and cost-effectiveness of Oral Anticoagulant for deep vein thrombosis prophylaxis in patients of guillain Barre Syndrome with respiratory failure-A pilot study”.              | Dr. Afzal Azim Critical<br>Care Medicine          | 2006-2007<br>(21.6.07 released) grant | 5,000=00    |
| 271 | “Feasibility of multiplex PCR as rapid detection method in the diagnosis of Renal & Urinary tract Tuberculosis”.   | Dr. V.L. Nag<br>Microbiology                      | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 272 | “Diagnosis of Amoebic liver abscess: Comparative evaluation of antigen detection, antibody detection and polymerase chain reaction”.   | Dr. Ujjala Ghoshal<br>Microbiology                | 2006-2007<br>(21.6.07 released) grant | 1,50,000=00 |
| 273 | “Role of dynamic MRI in management of head and neck cancers”.  | Dr. Sushma Agarwal<br>Radiotherapy                | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 274 | “To study and quantify the radiation effect on Polymer Gel for 3D dosimetry in Radiation Therapy using CT and MRI”.  | Dr. K.J.Maria Das<br>Radiotherapy                 | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 275 | “Kinetics of Thrombopoiesis after automated plateletpheresis”.   | Dr. Prashant Agarwal<br>Transfusion Medicine      | 2006-2007<br>(21.6.07 released) grant | 1,50,000=00 |
| 276 | Role of theophylline (adenosine antagonist) or N-acetylcysteine alone and in combination for prevention of contrast induced nephropathy”.  | Dr. Sudeep Kumar<br>Cardiology                    | 2006-2007<br>(21.6.07 released) grant | 1,00,000=00 |
| 277 | “Characterization of muscular dystrophies in regional Indian population by   | Dr. Lily Pal Pathology                            | 2006-2007                             | 1,00,000=00 |

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|     | immunohistochemical study”.   |  | (21.6.07 grant released) Extended upto 20.12.08 (six months)           |             |
| 278 | “Fetal DNA Detection in Maternal Plasma: non-invasive method of antenatal diagnosis”.   | Dr. Mandakini Pradhan Genetics                   | 2006-2007 (21.6.07 grant released)                                     | 1,50,000=00 |
| 279 | “Effect of beta-blockers on adenosine SPECT myocardial perfusion Scintigraphy”.   | Dr. P.K.Pradhan Nuclear Medicine                 | 2006-2007 (21.6.07 grant released)                                     | 1,00,000=00 |
| 280 | “Effect of Intradialytic Amino Acid Infusion on Nutritional Status of Patients with end stage Renal Disease going for Renal Transplantation”. | Dr. Anita Saxena Nephrology                      | 2007-2008 Grant release on 20.8.07                                     | 1,35,000=00 |
| 281 | “Prevalence and genetics of celiac disease in first-degree relatives of patients with celiac disease in North India”.                         | Dr. Anshu Srivastava Pediatric Gastroenterology  | 2007-2008 Grant release on 20.8.07                                     | 1,35,000=00 |
| 282 | “Assessment of nutritional status in children with chronic liver disease (CLD)”.  | Dr. Laxmi Kant Bharti Pediatric Gastroenterology | 2007-2008 Grant release on 20.8.07 extended upto 19.11.08 (six months) | 1,00,000=00 |
| 283 | “Evaluation of mediastinal lymphadenopathy by image morphology using endoscopic ultrasound”.  | Dr. Praveer Gastroenterology                     | 2007-2008 Grant release on 20.8.07 extended upto 19.11.08 (six months) | 50,000=00   |
| 284 | “Detection of fungal DNA in clinical specimens by pan-fungal PCR in patients with clinically suspected invasive fungal infection”.            | Dr. Rungmei S K Marak Microbiology               | 2007-2008 Grant release on 20.8.07 extended upto 19.11.08 (six months) | 1,00,000=00 |
| 285 | “Expression of MLH1 and C-erbB-2 in Non-Neoplastic and Neoplastic Gallbladder Lesions”.   | Dr. Niraj Kumari Pathology                       | 2007-2008 Grant release on 20.8.07                                     | 1,35,000=00 |
| 286 | “To assess the hypothyroidism in children below 2 years of age: The impact of iodization in Gonda District of Uttar Pradesh”.                 | Dr. Subhash B Yadav Endocrinology                | 2007-2008 Grant release on 20.8.07                                     | 1,35,000=00 |
| 287 | “Role of developmental neuroregulators in primary malignant brain tumor progression”.   | Dr. Lily Pal Pathology                           | 2007-2008 Grant release on 20.8.07 extended upto                       | 1,35,000=00 |

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|     |   |  | 19.11.08 (six months)               |              |
| 288 | “Effect of single nucleotide polymorphisms in human interleukin-10 (IL-10) gene promoter region on the ex-vivo production of IL-10 in whole blood cultures from normal ethnic Indian volunteers”. | Dr. Able Lawrence Immunology                                       | 2007-2008 Grant release on 20.8.07  | 1,00,000=00  |
| 289 | “Comparative Evaluation of Patient Controlled Epidural Analgesia (PCEA) with PCEA+etoricoxib in patients undergoing pancreatico- duodenectomy”.   | Dr. Sanjay Dhiraaj Anaesthesiology                                 | 2007-2008 Grant release on 20.8.07  | Without fund |
| 290 | “Histology related rate of recurrence and outcome in cases of neuraxial ependymomas association with molecular analysis of Simian Virus 40 infection”.  | Prof. Raj Kumar Neurosurgery                                       | 2008-2009 Grant released on 01.3.08 | 1,50,000=00  |
| 291 | “Role of Gabapentin in overactive bladder”.   | Dr. M.S. Ansari Urology  | 2008-2009 01.3.08                   | 1,50,000=00  |
| 292 | “Mutation analysis of Indian Patients with Glycogen storage disease type Ia”.   | Dr. Girisha KM Medical Genetics Transferred to Prof. Shubha Phadke | 2008-2009 01.3.08                   | 75,000=00    |
| 293 | “Clinical, Microbiological and Histopathological entities in diagnosis of Mycobacterial infection of spine in patients attending tertiary care hospital”.   | Dr. V. L. Nag Microbiology   | 2008-2009 01.3.08                   | 150,000=00   |
| 294 | “Expression of estrogen and progesterone receptors in vestibular schwannomas and their clinical significance”.  | Dr. Sushila Jaiswal Pathology                                      | 2008-2009 01.9.08                   | 1,50,000=00  |
| 295 | “Enzyme histochemical assessment of mitochondrial functions in patients with limb girdle syndrome”.   | Dr. Ritu Verma Pathology   | 2008-2010 01.9.2008                 | 1,50,000=00  |
| 296 | “MDR-1 gene polymorphisms in steroid-responsive us steroid refractory nephritic syndrome”.  | Dr. Narayan Prasad Nephrology                                      | 2008-2010 01.9.08                   | 2,00,000=00  |
| 297 | “Inflammation, malnutrition in end stage and failure patients”.   | Prof.R.K. Sharma Nephrology  | 2008-2010 01.9.2008                 | 2,00,000=00  |
| 298 | “An evaluation of neuroendocrine dysfunction following acute aneurismal subarachnoid hemorrhage”.   | Dr. Awadhesh Kr Jaiswal Neurosurgery                               | 2008-2010 01.9.08                   | 2,00,000=00  |
| 299 | “Hepatitis E virus infection in renal transplantation recipients and its relationship, if any, with liver injury”.  | Dr. Rakesh Aggarwal Gastroenterology                               | 2008-2010 01.9.08                   | 2,00,000=00  |
| 300 | “Non-Invasive Assessment of Right Heart Function by Gated Equilibrium Radionuclide Ventriculography (Eq RNV) in Pre & Post CABG patients”.  | Dr. Amitabh Arya Nuclear Medicine                                  | 2008-2010 01.9.08                   | 1,40,000=00  |
| 301 | “Study of serologic markers (ANCA, ASCA, anti glycan antibodies) in patients with ulcerative colitis and Crohn’s disease”.  | Dr. Vikas Agarwal Immunology                                       | 2008-2010 01.9.08                   | 2,00,000=00  |
| 302 | “IL-1 gene cluster polymorphism in patients with enthesitis related arthritis (ERA) form of juvenile idiopathic arthritis”.   | Dr. Amita Aggarwal Immunology                                      | 2008-2010 01.9.08                   | 2,00,000=00  |
| 303 | “Estimation of Blood Volume of Patients with chronic kidney disease using Different Techniques”.  | Dr. Anita Saxena Nephrology  | 2008-2010 01.9.08                   | 1,50,000=00  |
| 304 | “Glucose intolerance and adiponectin levels in Polycystic Ovary Syndrome (PCOS): A follow up study”.  | Dr. Preeti Dabadghao Endocrinology                                 | 2008-2010 15.12.2008                | 2,00,000=00  |
| 305 | “Effect of dietary calcium replenishment on prevention of secondary vitamin D deficiency”.  | Dr. V. L. Bhatia Endocrinology                                     | 2008-2010 15.12.2008                | 3,00,000=00  |
| 306 | “Exposure of hepatitis A (HAV) and hepatitis B (HBV) in children with chronic liver disease. Is there a need for vaccination?”.   | Dr. Anshu Srivastava Pediatric                                     | 2008-2010 15.12.2008                | 1,45,000=00  |



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|     |  | Gastroenterology   |                         |             |
| 307 | "Distinguishing intestinal and pancreatobiliary type ampullary adenocarcinomas and their relation with MMP7".  | Dr. Niraj Kumari<br>Pathology                              | 2008-2010<br>15.12.2008 | 2,50,000=00 |
| 308 | "Glomerular expression of Podocyte associated molecules in Nephrotic Syndrome".  | Dr. Vinita Agarwal<br>Pathology                            | 2008-2010<br>15.12.2008 | 1,50,000=00 |
| 309 | "Study of hyper-catecholaminism induced cardiac dysfunction and its reversal following surgical cure in pheochromocytoma patients".  | Dr. Gaurav Agarwal<br>Endocrine Surgery                    | 2008-2010<br>15.12.2008 | 1,50,000=00 |
| 310 | "Comparative evaluation of revised JAAM (Japanese Association Acute Medicine) score and ISTH (International Society of Thrombosis and Hemostasis) score in the early diagnosis of DIC (Disseminated Intravascular Coagulation)". | Dr. R.K. Singh<br>Critical Care Medicine                   | 2008-2010<br>15.12.2008 | 1,00,000=00 |
| 311 | "Does apoptosis play a role in Right Ventricular Dysfunction in patient of Rheumatic valvular heart disease?".   | Dr. Shantanu Pande<br>CVTS                                 | 2009-2011<br>15.12.2009 | 2,70,000=00 |
| 312 | "Assessment of neurological injury before and after the open heart surgery with cardiopulmonary bypass for the repair of congenital heart defects in children".  | Dr. Puneet Goel<br>Anesthesiology                          | 2009-2011<br>15.12.2009 | 2,50,000=00 |
| 313 | "Immunohistochemical evaluation of Estrogen and Progesterone Receptors and HER2 Expression on Cell Blocks and Tissue Blocks of breast carcinoma".  | Dr. Ram Nawal Rao<br>Pathology                             | 2009-2011<br>15.12.2009 | 2,50,000=00 |
| 314 | "MR angiographic evaluation of patients with post-cholecystectomy bile duct strictures to study the incidence of associated vascular injuries and their effect on clinical course and results of stricture repair".              | Dr. Anu Behari Surgical<br>Gastroenterology                | 2009-2011<br>15.12.2009 | 2,00,000=00 |
| 315 | "Evaluation of Comparative Palliative Effect of Samarium Plus Capecitabine and Samarium Alone in Patients with Painful Skeletal Metastasis".   | Dr. Sukanta Barai<br>Nuclear Medicine                      | 2009-2011<br>15.12.2009 | 1,00,000=00 |
| 316 | "Helicobacter pylori and Epstein-Barr virus infection in patients with Peptic ulcer and gastric cancer".   | Prof. K.N.Prasad<br>Microbiology                           | 2009-2011<br>15.12.2009 | 2,60,000=00 |
| 317 | "Prevalence, risk factors, quality of life and association with TSH receptor antibodies in Indian patients with Graves' ophthalmopathy".   | Dr. Subhash B Yadav<br>Endocrinology                       | 2009-2011<br>15.12.2009 | 2,15,000=00 |
| 318 | "Non-invasive Assessment of Rt. Heart function by gated equilibrium radionuclide ventriculography in pre & post CABG patients".  | Dr. Amitabh Arya<br>Nuclear Medicine                       | 2009-2011<br>15.12.2009 | 1,40,000=00 |
| 319 | "To determine the usefulness of exosomes as a non-invasive marker for diabetic renal disease pilot –study".  | Dr. Swasti Tiwari<br>Molecular Medicine &<br>Biotechnology | 2009-2011               | 3,37,000=00 |
| 320 | "Metabolic effects of acute infusion of citrate during plateletpheresis in normal healthy donors".   | Dr. Prashant Agarwal<br>Transfusion Medicine               | 2009-2011               | 2,25,000=00 |
| 321 | "WARFARIN dosing in relation to CYP2c9 and VKORC polymorphism in Indian Population".   | Dr. Shubha R Phadke<br>Medical Genetics                    | 2009-2011               | 2,50,000=00 |
| 322 | "Functional assessment of Renal Allograft by Diffusion weighted and BOLD MR Imaging".  | Dr. Anupama Kaul<br>Nephrology                             | 2009-2011               | 2,50,000=00 |
| 323 | "Incidence, risk factors and outcome of acute kidney injury in patients with severe acute pancreatitis".   | Dr. Samir Mohindra<br>Gastroenterology                     | 2009-2011               | 2,25,000=00 |
| 324 | "Dosing and regimes of vitamin D supplementation required for optimal serum vitamin D in adults".  | Dr. V.L.Bhatia<br>Endocrinology                            | 2009-2011               | 3,00,000=00 |
| 325 | "Genetics markers (PRSS1, SPINK1 and CFTR) in children with idiopathic acute, recurrent acute and chronic pancreatitis".   | Dr. Ujjal Poddar Pediatric<br>Gastroenterology             | 2009-2011               | 1,65,000=00 |
| 326 | "Impact of pre-operative contrast enhanced CT (CECT) scanning on urinary iodine levels measured at the time of post-operative iodine scan in patients with differentiated thyroid  | Dr. Anjali Mishra<br>Endocrine Surgery                     | 2009-2011               | 1,35,000=00 |

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|     | carcinoma (DTC)".   |   |                        |                 |
| 327 | "To study usefulness of platelet cross matching for single donor platelets in the management of platelet refractoriness in hematological patients".   | Dr. Priti Elhence<br>Transfusion Medicine         | 2009-2011              | 2,50,000=00     |
| 328 | "Severity of Vitamin D deficiency in patient requiring ICU admission with severe sepsis/septic shock".  | Dr. Afzal Azim Critical<br>Care Medicine          | 2009-2011              | 1,84,000=00     |
| 329 | "Identification of biomarkers using NMR spectroscopy in lung injury (ALI/ARDS)".  | Dr. Afzal Azim Critical<br>Care Medicine          | 2009-2011              | Without funding |
| 330 | "Detection of K-ras Mutation Status in Colorectal Cancer".  | Dr. Niraj Kumari<br>Pathology                     | 2010-2012<br>01.3.2011 | 2,00,000=00     |
| 331 | "Study the association of Insulin Growth Factors I. Insulin Growth Factor II, and IGFBP3 in Intrauterine Growth Restriction of fetus".  | Dr. Amrit Gupta Maternal<br>& Reproductive Health | 2010-2012              | 2,00,000=00     |
| 332 | "To evaluate the level of Platelet derived growth factor in platelet concentrates and its correlation with the clinical improvement in split thickness skin graft".   | Dr. Atul Sonkar<br>Transfusion Medicine           | 2010-2012              | 2,00,000=00     |
| 333 | "Prospective randomized controlled study to assess the impact of statins in septic shock".  | Dr. R.K. Singh Critical<br>Care Medicine          | 2010-2012              | 2,00,000=00     |
| 334 | "Prospective study to identify patients at risk of developing intra abdominal hypertension during critical illness".  | Dr. R.K. Singh Critical<br>Care Medicine          | 2010-2012              | Without funding |
| 335 | "JAK2 mutation, frequency in Indian patients with hepatic venous outflow obstruction and extrahepatic portal venous obstruction"  | Dr. Praveer<br>Gastroenterology                   | 2010-2012              | 2,00,000=00     |
| 336 | "Role of Calretinin immunohistochemistry and Acetylcholinesterase histochemistry in the evaluation of Hirschsprung's disease".  | Dr. Sushila Jaiswal<br>Pathology                  | 2010-2012              | 2,00,000=00     |
| 337 | "Drug Impregnated Autologous Coagulum Patch on lay dural closure in preventing post-operative cerebrospinal fluid (CSF) leaks and pain in lumbar spine surgery: a randomized study".  | Dr. Rabi Narayan Sahu<br>Neurosurgery             | 2010-2012              | 1,00,000=00     |
| 338 | "Prediction of Post operative Hypocalcaemia after total Thyroidectomy".   | Dr. Gyan Chand<br>Endocrine Surgery               | 2010-2012              | 2,00,000=00     |
| 339 | "MUC1, CK19 and CD10 expression on the cell blocks of pancreatic tumours diagnosed by endoscopic/ultrasound-guided fine-needle aspiration cytology".  | Dr. Ram Nawal Rao<br>Pathology                    | 2010-2012              | 2,00,000=00     |
| 340 | "Assessment of right ventricular function, Plasma levels of NT pro-BNP and the effect of percutaneous balloon mitral valvuloplasty in patients with severe rheumatic mitral stenosis".  | Dr. Sudeep Kumar<br>Cardiology                    | 2010-2012              | 2,50,000=00     |
| 341 | "Expression and function of multidrug resistance protein-1 in systemic lupus erythematosus: Does it predict resistance to glucocorticoid therapy".  | Dr. Vikas Agarwal<br>Immunology                   | 2010-2012              | 2,50,000=00     |
| 342 | "Role of magnesium and Vitamin B12 supplementation on various parameters of Bone Health in Healthy Young Volunteers".   | Dr. Sushil Gupta<br>Endocrinology                 | 2010-2012              | 2,50,000=00     |
| 343 | "Retrospective study of EGFR (epidermal growth factor receptor), VEGF (vascular endothelial growth factor) and HER2/neu expression in Squamous cell carcinoma of the esophagus in north India, and concordance with endoscopic biopsy". | Dr. R.K. Singh<br>Surgical Gastroenterology       | 2010-2012              | 2,00,000=00     |
| 344 | "Association of plasma neurotrophins with allodynia in rheumatoid arthritis related secondary fibromyalgia: a cross-sectional and longitudinal study".  | Dr. Able Lawrence<br>Immunology                   | 2010-2012              | 2,00,000=00     |
| 345 | "Expression of T-regulatory cells in patients with steroid sensitive and steroid resistant nephrotic syndrome".   | Dr. Narayan Prasad<br>Nephrology                  | 2010-2012              | 2,50,000=00     |
| 346 | "Evaluation of prognostic value of procalcitonin among critically ill patients with severe sepsis/septic shock".  | Dr. Banani Poddar<br>Critical Care Medicine       | 2010-2012              | 2,00,000=00     |

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| 347 | "Immunohistochemical Detection of Somatostatin Receptors 2 and 5 in Neuroendocrine Tumors".   | Dr. Narendra Krishnani<br>Pathology                | 2010-2012 | 2,00,000=00 |
| 348 | "Preparation and analysis of a rejuvenating Polyherbal preparation having potentially curative properties against NIDDM and diabetic neuropathy affecting patients of diabetic foot". | Dr. A.K. Verma<br>Endocrine Surgery                | 2010-2012 | 1,50,000=00 |
| 349 | "Study of Feto-Maternal Lipoprotein Gradient and Factors Affecting it in an Indian patient population".   | Dr. Aditya Kapoor<br>Cardiology                    | 2010-2012 | 2,00,000=00 |
| 350 | "The role of cytokine and glutamate with reference to copper toxicity in Wilson disease with neurological manifestations".  | Dr. J. Kalita<br>Neurology                         | 2010-2012 | 1,75,000=00 |
| 351 | "IMRT in Head-Neck cancers: Estimation of parotid sparing, impact on swallowing dysfunction and dosimetric consequences of changes in patient contour during radiotherapy".           | Dr. Punita Lal<br>Radiotherapy                     | 2010-2012 | 1,15,000=00 |
| 352 | "Prospective Case-control Study of Myocardial and endothelial Dysfunction in Symptomatic Primary Hyperparathyroidism patients and its Reversal Following Surgical Cure".              | Dr. Gaurav Agarwal<br>Endocrine Surgery            | 2010-2012 | 2,00,000=00 |
| 353 | "Some observations on the neurotoxicity of nitrous oxide (N <sub>2</sub> O) on the rat".  | Prof. U.K. Misra<br>Neurology                      | 2010-2012 | 2,00,000=00 |
| 354 | "Development of nanoparticle dual-function probes for SPECT and CT imaging for small animals".  | Prof. S. Gambhir<br>Nuclear Medicine               | 2010-2012 | 15,000=00   |
| 355 | "Arterial mean blood pressure vs cardiac output target during CABG surgery and acute kidney injury as marked by neutrophil gelatinase-associated lipocalin (NGAL)".                   | Prof. Mukesh Tripathi<br>Anaesthesiology           | 2010-2012 | 2,50,000=00 |
| 356 | "Can micro RNA for pathways of metastasis i.e. EMT, angiogenesis and apoptosis help in prognosticating the non muscle invasive bladder cancer? A pilot study".                        | Dr. Anil Mandhani<br>Urology                       | 2011-2013 | 2,95,000=00 |
| 357 | "Concurrent chemoradiation with docetaxel in locally advanced lung cancers: A Pilot study".   | Dr. Sushma Agarwal<br>Radiotherapy                 | 2011-2013 | 3,00,000=00 |
| 358 | "Prevalence of gastrointestinal symptoms and celiac disease in children and adolescents with diabetes mellitus".  | Dr. Anshu Srivastava<br>Pediatric Gastroenterology | 2011-2013 | 82,000=00   |
| 359 | "MRP-8/MRP-14 and TLR 4 expression in Juvenile idiopathic arthritis and its association with disease activity".   | Dr. Amita Aggarwal<br>Immunology                   | 2011-2013 | 2,90,000=00 |
| 360 | "Molecular Signature to Predict Acute Rejection in Adult Renal Transplantation".  | Prof. R.K. Sharma<br>Nephrology                    | 2011-2013 | 2,50,000=00 |
| 361 | "Prognostic significance of HER-2/neu protein overexpression and oncogene amplification by in-situ hybridization in urothelial bladder carcinoma".                                    | Dr. Vinita Agarwal<br>Pathology                    | 2011-2013 | 3,00,000=00 |
| 362 | "Role of soluble cAMP in the development of the right ventricular hypertrophy in patients with pulmonary arterial hypertension".  | Dr. S.K. Agarwal<br>CVTS                           | 2011-2013 | 2,60,000=00 |
| 363 | "Hepatitis delta virus infection: Prevalence in persons with hepatitis B virus infection using molecular techniques".   | Prof. Rakesh Aggarwal<br>Gastroenterology          | 2011-2013 | 2,80,000=00 |
| 364 | "B-raf mutation in colorectal cancer".  | Dr. Niraj Kumari<br>Pathology                      | 2011-2013 | 2,40,000=00 |
| 365 | "Peroperative chemoradiation for unresectable gall bladder cancers: a feasibility study".   | Prof. Rajan Saxena<br>Sur.Gastroenterology         | 2011-2013 | 3,00,000=00 |
| 366 | Bone mineral density in patients with Sheehan's syndrome and its response to standard treatment care".  | Dr. Subhash B Yadav<br>Endocrinology               | 2011-2013 | 2,55,000=00 |

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| 367 | “Posterior tibial nerve stimulation (PTNS) in overactive bladder”.  | Dr. M.S. Ansari Urology   | 2012-2014 | 2,50,000=00 |
| 368 | “Post-operative infections in pediatric surgical patients in tertiary level pediatric surgical center”.   | Dr. Basant Kumar Pediatric Surgery                                  | 2012-2014 | 1,25,000=00 |
| 369 | “Evaluation of utility of cytogenetic microarray for detection of etiology of prenatally detected malformation”.  | Prof. Shubha R Phadke Genetics                                      | 2012-2014 | 3,00,000=00 |
| 370 | “Parafibromin and APC Immunoreactivity as screening marker for malignant potential in parathyroid adenomas”.  | Dr. Amit Agarwal Endocrine Surgery                                  | 2012-2014 | 2,50,000=00 |
| 371 | “A study of Small dense LDL as an independent risk factor for coronary artery disease in Indian patients”.  | Prof. P.K. Goel Cardiology  | 2012-2014 | 2,50,000=00 |
| 372 | “To evaluate cord blood based newborn screening for congenital hypothyroidism”.   | Prof. V.L. Bhatia Endocrinology                                     | 2012-2014 | 3,00,000=00 |
| 373 | “Role of N34S mutations in SPINK1 gene in acute pancreatitis”.  | Dr. Praveer Rai Gastroenterology                                    | 2012-2014 | 3,00,000=00 |
| 374 | “Effect of induction treatment on Double negative T cells, Th17 and T Regulator cells in Lupus nephritis”.  | Prof. R.N. Misra Immunology   | 2012-2014 | 3,00,000=00 |
| 375 | “Study of metabolic characteristics and insulin resistance in lean patients with polycystic ovary syndrome”.  | Dr. Preeti Dabadghao Endocrinology                                  | 2012-2014 | 3,00,000=00 |
| 376 | “Correlation of levels of sex hormones with demographic, biochemical and clinical markers of atherosclerosis in coronary artery disease Patients”.  | Dr. Satyendra Tewari Cardiology <b>(grant released on 1.11.12)</b>  | 2012-2014 | 2,00,000=00 |
| 377 | “To compare the efficacy of two difference types of analgesic techniques for postoperative pain relief after lower abdominal and pelvic surgeries in paediatric Surgical Case”.               | Dr. Aruna Bharti Anaesthesiology <b>(grant released on 1.11.12)</b> | 2012-2014 | 1,45,000=00 |
| 378 | Detailed characterization of APECED syndrome in Uttar Pradesh and development of an assay for interferon antibodies for its diagnosis   | Prof. Eesh Bhatia Endocrinology                                     | 2012-2014 | 3,00,000=00 |
| 379 | Detection and genetic characterization of <i>Girdia</i> lamblia   | Dr. Ujjala Ghoshal, Microbiology                                    | 2012-2014 | 2,90,000=00 |
| 380 | Molecular characterization of heterogeneous vancomycin intermediate Staphylococcus aureus (hVISA) and VISA  | Prof. K. N. Prasad Microbiology                                     | 2012-2014 | 3,00,000=00 |
| 381 | Proteomic profiling of urinary exosomes from diabetic patients with microalbuminuria- Pilot study   | Dr. Swasti Tiwari Molecular Medicine & Biotechnology                | 2012-2014 | 3,00,000=00 |
| 382 | Changes in Th1 and T-reg cell profiles in renal transplant recipient with and without Basiliximab induction   | Dr. Narayan Prasad Nephrology                                       | 2012-2014 | 3,00,000=00 |
| 383 | Neutrophil Gelatinase-associated Lipocalin as an Early Biomarkers of Nephropathy in Diabetic Patients and effect of RAAS blockade on NGAL as marker of tubular damage in Diabetic nephropathy | Dr. Anupama Kaul Nephrology   | 2012-2014 | 3,00,000=00 |
| 384 | HBV genotypes: its implication in determining the route of transmission and management in Children with chronic hepatitis B in India  | Dr. Ujjal Poddar Pediatric Gastroenterology                         | 2012-2014 | 3,00,000=00 |
| 385 | In VIVO Proton MR Spectroscopy – Distinguishing Malignant Vertebral Lesions from Non-Malignant Vertebral Conditions   | Dr. Zafar Neyaz Radiodiagnosis                                      | 2012-2014 | 3,00,000=00 |
| 386 | Functional Assessment of Renal Allograft by Diffusion Weighted MR Imaging and Blood Oxygen Dependent MR Imaging   | Dr. Hira Lal Radiodiagnosis   | 2012-2014 | 3,00,000=00 |

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| 387 | Gastrointestinal Stromal Tumor (GIST), Genotyping and its clinical correlation   | Prof. Ashok Kumar<br>Surgical<br>Gastroenterology.   | 2012-2014                 | 3,00,000=00 |
| 388 | Value of Cardiac Fusion Imaging (Single-Photon Emission Computed Tomography and Cardiac Computed Tomography Angiography) In Dilated Cardiomyopathy Patients  | Dr. P. K. Pradhan Nuclear<br>Medicine  | 2012-2014                 | 2,79,000=00 |
| 389 | Donor specific antibodies (DSA) in renal transplant recipients as marker of short term and long term graft survival  | Prof. R. K. Sharma<br>Nephrology   | 2012-2014                 | 3,00,000=00 |
| 390 | Vitamin D Metabolism in chronic kidney disease patient undergoing renal transplantation and its effect on post transplant outcomes   | Prof. R. K. Sharma<br>Nephrology   | 2012-2014                 | 3,00,000=00 |
| 391 | To study the expression of Vascular endothelial growth factor (VEGF), platelet derived growth factor B (PDGF-B) and human epidermal growth factor receptor (Her-2/neu) by immuno-histo-chemistry (IHC) in gallbladder cancer (GBC)   | Dr. V. K. Kapoor<br>Surgical Gastroenterology  | 2012-2014                 | 2,95,000=00 |
| 392 | Evaluation of Healing in Diabetic foot wounds by Continuous insulin therapy using insulin pump and glycaemic monitoring by CGM system  | Dr. A. K. Verma<br>Endocrine Surgery<br><b>Project stopped by the<br/>Director in the month of<br/>July, 2014.</b> | 2012-2014                 | 3,00,000=00 |
| 393 | Autoantibody Profile (Myositis Specific and Myositis Associated Autoantibodies) in North Indian Patients with Idiopathic Inflammatory Myositis; and its Clinical Correlation   | Prof. R. N. Misra<br>Immunology  | 2012-2014                 | 2,50,000=00 |
| 394 | Evaluation of role of PETCT in Assessment of Therapeutic Response in Unresectable Gall Bladder Cancers: a pilot study  | Prof. Rajan Saxena<br>Surgical Gastroenterology  | 2012-2014                 | 3,00,000=00 |
| 395 | Role of Alfa-Meto Analogus in Retarding Progression of Chronic Kidney Disease  | Dr. Anita Saxena<br>Nephrology   | 2013-2015                 | 3,00,000=00 |
| 396 | “To assess the current patient Safety Practices & to Evaluate the Impact of Suitable Interventions on Increasing & Sustaining the Compliance; so as to Develop a Standard Patient Safety Protocol for use in an Institutional Setting”.  | Dr. Rajesh Harswardhan<br>Hospital Administration  | 15.2.2014 to<br>14.2.2016 | 1,00,000=00 |
| 397 | “Prospective randomized controlled trial of use of in-house manufactured low-cost radiopharmaceutical and methylene blue dye versus commercially marketed dyes for sentinel node biopsy in patients with early stage invasive Breast Cancer”.  | Dr. Gaurav Agarwal<br>Endocrine Surgery  | 15.2.2014 to<br>14.2.2016 | 2,75,000=00 |
| 398 | “Right ventricular dysfunction in rheumatic valve heart disease: Contribution of various Factor's”.  | Dr. Shantanu Pande<br>CVTS   | 15.2.2014 to<br>14.2.2016 | 2,90,000=00 |
| 399 | “Phenotypic and molecular characterization of fluoroquinolone resistance in Salmonella species from human infections: a pilot study”.  | Dr. Richa Misra<br>Microbiology  | 15.2.2014 to<br>14.2.2016 | 2,50,000=00 |
| 400 | “A comparative study on role of intervention & their impact on increasing and sustaining the compliance with the provisions of bio-medical waste (Management and Handling) Rules, 1998, among Healthy Care Providers in identified indoor units in an Institutional Setting in India”. | Dr. Hem Chandra<br>Hospital Administration   | 15.2.2014 to<br>14.2.2016 | 1,00,000=00 |
| 401 | “Intravenous N-acetylcysteine (NAC) for the prevention of contrast –induced acute kidney injury during computed tomography in critically ill patients: a randomized control trial”.  | Dr. Mohan Gurjar Critical<br>Care Medicine   | 15.2.2014 to<br>14.2.2016 | 1,50,000=00 |
| 402 | “Maternal Vitamin D supplementation in pregnancy and long-term childhood anthropometric and bone mineral outcomes”.  | Prof. V.L. Bhatia<br>Endocrinology   | 15.2.2014 to<br>14.2.2016 | 2,50,000=00 |
| 403 | “Effect of Tacrolimus on P-glycoprotein Expression on Different T cells Lymphocytes in Steroid Resistant Nephrotic Syndrome Patients”.   | Dr. Narayan Prasad<br>Nephrology   | 15.2.2014 to<br>14.2.2016 | 2,50,000=00 |
| 404 | “Monitoring the efficacy of antiplatelet therapy in high risk patients undergoing  | Dr. Anupam Verma   | 15.2.2014 to              | 3,00,000=00 |

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|     | percutaneous coronary intervention by Thromboelastography Platelet Mapping”.  | Transfusion Medicine                       | 14.2.2016              |    |             |
| 405 | “Screening for platelet antibodies in patients receiving platelet transfusions: comparison of solid phase red cell adherence assay and flow cytometer”.   | Dr. Rahul Katharia<br>Transfusion Medicine | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 406 | “Assessment of Cardiovascular disease risk in first degree relatives of women with polycystic ovary syndrome”.  | Dr. Preeti Dabadghao<br>Endocrinology      | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 407 | “Molecular Characterization of Polymorphism of RHD haplotypes in RHD Negative Indian blood Donors”.   | Dr. Dheeraj Khetan<br>Transfusion Medicine | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 408 | “Prevalence and clinical significance of zinc Transporter Antibodies in Patients with Type 1 Diabetes Mellitus”.  | Prof. Eesh Bhatia<br>Endocrinology         | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 409 | “Temporal patterns of viremia in patients with acute hepatitis E”.  | Dr. Amit Goel<br>Gastroenterology          | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 410 | “To compare the in vitro qualitative and functional characteristics of PLTs frozen in 5% DMSO and reconstituted after thawing in plasma versus in PAS with/without glucose with that of fresh platelets”. | Dr. Priti Elhence<br>Transfusion Medicine  | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 411 | “To explore the effect of PDE5 inhibitor on TGFB mediated canonical and non-canonical pathway in cutaneous Fibroblast derived from scleroderma patients”.   | Dr. Vikas Agarwal<br>Immunology            | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 412 | “Diagnostic yield of quantiferon gold, multiplex PCR and ELISPOT test in diagnosis of undiagnosed pleural effusion”.  | Dr. Zia Hashim<br>Pulmonary Medicine       | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 413 | “Usefulness of bronchoalveolar lavage enzyme-linked immunospot (ELISPOT) assay for the diagnosis of tuberculosis”.  | Dr. Ajmal Khan<br>Pulmonary Medicine       | 15.2.2014<br>14.2.2016 | to | 2,00,000=00 |
| 414 | “Acute prolonged cholestasis: Role of prolonged viral replication”.   | Prof. Rakesh Aggarwal<br>Gastroenterology  | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 415 | “Impact of targeted blood transfusion protocol on morbidity and mortality in cardiac surgery”.  | Prof. Nirmal K Gupta<br>CVTS               | 15.2.2014<br>14.2.2016 | to | 1,50,000=00 |
| 416 | “Functional analysis of pathway specific microRNAs in urinary bladder carcinoma”.   | Prof. Anil Mandhani<br>Urology             | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 417 | “Diagnostic Utility of Flow Cytometry in Myelodysplastic Syndromes”.  | Dr. Ruchi Gupta<br>Hematology              | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 418 | “Role of P-gp expression, function and polymorphism on efficacy of Rifampicin and Isoniazid in patients with lymph node tuberculosis”.  | Dr. Alok Nath Pulmonary<br>Medicine        | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 419 | “(Iodine-131)-Radio-labeled hypoxia seeking pharmaceutical: Improving target to non-target binding kinetics to enhance the therapeutic effect in therapy resistant solid tumors”.                         | Prof. S. Gambhir Nuclear<br>Medicine       | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 420 | “To evaluate the role of serum platelet derived growth factor as a marker in the Diagnosis of Infantile Haemangioma”.   | Dr. Ankur Bhatnagar<br>Plastic Surgery     | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 421 | “Utility of single nucleotide polymorphism genotyping array in identification of genetic etiology in patients with autosomal recessive disorder with consanguinity”.                                      | Dr. Meenal Agarwal<br>Genetics             | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 422 | “Spectrum of PTPN11 mutation in Indian subjects with Noonan syndrome”.  | Dr. Kausik Mandal<br>Genetics              | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 423 | “Automated synthesis and quality control tests for clinical grade production of (18F)-FDG, (18F)-Choline derivatives in newly establish facility”.  | Dr. Manish Dixit Nuclear<br>Medicine       | 15.2.2014<br>14.2.2016 | to | 2,00,000=00 |
| 424 | “Bacteremia in patients with acute pancreatitis-frequency and bacterial profile using next-generation sequencing for 16S ribosomal RNA”.  | Dr. Praveer Rai<br>Gastroenterology        | 15.2.2014<br>14.2.2016 | to | 2,70,000=00 |
| 425 | “Immunocytochemical Novel Rabbit Monoclonal antibody HER2/neu expression and gene amplification with fluorescence in situ Hybridization on cellblocks of breast carcinoma”.                               | Dr. Ram Nawal Rao<br>Pathology             | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |

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| 426 | “Expression of Isocitrate Dehydrogenase-1 (IDH-1) Mutant Protein in Gliomas”.   | Dr. Sushila Jaiswal<br>Pathology                   | 15.2.2014<br>14.2.2016 | to | 2,50,000=00 |
| 427 | “To evaluate the efficacy of USG guided Transversus abdominis plane (TAP) block analgesia & port site infiltration with ropivacaine and levobupivacaine for postoperative pain management in laparoscopic donor nephrectomy”. | Dr. Sandeep Sahu<br>Anesthesiology                 | 15.2.2014<br>14.2.2016 | to | 58,000=00   |
| 428 | “To study the Vitamin D levels in infertile females and to evaluate the correlation of Vitamin D deficiency with antimüllerian hormone levels in infertile females as compared to fertile females”.                           | Dr. Indu Lata Maternal &<br>Repro. Health          | 15.2.2014<br>14.2.2016 | to | 2,00,000=00 |
| 429 | “Evaluation of VDR, LRP5, RANKL, OPG and vitamin D binding protein gene polymorphism influencing longitudinal rate of change in BMD”.   | Prof. Sushil Gupta<br>Endocrinology                | 31.3.2014<br>30.3.2016 | to | 3,00,000=00 |
| 430 | Evaluation of Hematopoiesis regulatory molecules in bone marrow mesenchymal stem cells of patients with aplastic anemia”.   | Prof. Soniya Nityanand<br>Hematology               | 31.3.2014<br>30.3.2016 | to | 3,00,000=00 |
| 431 | “Determination of colonic transit time of healthy children and in children with functional constipation”.   | Prof. S.K. Yachha<br>Pediatric<br>Gastroenterology | 31.3.2014<br>30.3.2016 | to | 1,42,500=00 |
| 432 | “Can baseline MRP8/14 levels serve as a marker of MTX response in Rheumatoid Arthritis”.  | Prof. Amita Aggarwal<br>Immunology                 | 31.3.2014<br>30.3.2016 | to | 2,50,000=00 |
| 433 | “PET CT evaluation of FDG uptake by monocusp and trileaflet FAP valve at pulmonary position”.   | Dr. Shantanu Pande<br>CVTS                         | 31.3.2014<br>30.3.2016 | to | 2,00,000=00 |
| 434 | “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”.                               | Dr. Khaliqur Rahman<br>Hematology                  | 31.3.2014<br>30.3.2016 | to | 3,00,000=00 |
| 435 | “Identification of parameters of human mandible for reconstructive purpose using computed tomography and dry bone study: Development of a mandible reconstruction template”.  | Dr. Rajiv Agarwal Plastic<br>Surgery & Burns       | 31.3.2014<br>30.3.2016 | to | 1,00,000=00 |
| 436 | “To evaluate change in apparent diffusion coefficient (ADC) values with local response in patients with cancer cervix undergoing radiation therapy”.  | Dr. Shalini Singh<br>Radiotherapy                  | 31.3.2014<br>30.3.2016 | to | 1,50,000=00 |
| 437 | Co-ordinated expression of apoptotic and autophagy related signaling pathways in developing cerebral cortex in response to prenatal hypothyroidism”.  | Prof. M.M. Godbole Mol.<br>Med. & Biotech          | 31.3.2014<br>30.3.2016 | to | 3,00,000=00 |
| 438 | Study of Morphological Evaluation and Immunohistochemical Expression in Neoplastic Parathyroid Lesions”.  | Prof. Narendra Krishnani<br>Pathology              | 15.7.2014<br>14.7.2016 | to | 2,35,000=00 |
| 439 | “Mismatch Repair Protein (MMR) Expression and its clinicopathological correlation in Colorectal Cancer”.  | Prof. Ashok Kumar<br>Surgical Gastroenterology     | 15.7.2014<br>14.7.2016 | to | 3,00,000=00 |
| 440 | SDHB Immunohistochemical staining as a Method to Access SDH Mutations in Paragangliomas and Pheochromocytomas”.   | Prof. Gaurav Agarwal<br>Endocrine Surgery          | 15.7.2014<br>14.7.2016 | to | 3,00,000=00 |
| 441 | Immunohistochemical Analysis of Steroidogenic Factor-1 (SF1), Beta catenin, Insulin like Growth Factor II (IGF II) and IGF-1R as Diagnostic and Prognostic Markers in Adrenocortical Carcinoma”.                              | Prof. Amit Agarwal<br>Endocrine Surgery            | 15.7.2014<br>14.7.2016 | to | 2,50,000=00 |
| 442 | “Comparision of PCR, 16s rRNA Sequencing and Next Generation Sequencing Methods for diagnosis of Bacterial Etiology of Culture Negative Brain Abscesses”.   | Prof. K.N. Prasad<br>Microbiology                  | 15.7.2014<br>14.7.2016 | to | 3,00,000=00 |
| 443 | Prevalence of Thyroid Dysfunctions in Breast Cancer Patients and Correlation with Clinic-Pathology Factors and Outcome of Therapy: A Prospective Case Control Study   | Dr. Anjali Mishra<br>Endocrine Surgery             | 10.3.2015<br>09.3.2017 | to | 2,90,000=00 |
| 444 | Prevalence of Polycystic ovary syndrome in young females with type 1 diabetes mellitus  | Dr. Preeti Dabadghao<br>Endocrinology              | 10.3.2015<br>09.3.2017 | to | 3,00,000=00 |

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| 445 | Study of functional MRI of Brain in Patients with Irritable Bowel Syndrome   | Dr. Abhai Verma<br>Gastroenterology                     | 10.3.2015<br>09.3.2017   | to | 1,30,000=00                             |
| 446 | Evaluation of BRAF Gene Status in Gliomas  | Dr. Awadhesh K Jaiswal<br>Neurosurgery                  | 10.3.2015<br>09.3.2017   | to | 3,00,000=00                             |
| 447 | 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 | Prof. Punita Lal<br>Radiotherapy                        | 10.3.2015<br>09.3.2017   | to | 1,80,000=00                             |
| 448 | Expression of ATRX and P53 Mutations in Gliomas  | Dr. Anant Mehrotra<br>Neurosurgery                      | 10.3.2015<br>09.3.2017   | to | 3,00,000=00                             |
| 449 | Development of a Robotic Motion Platform for Quality Assurance of 4D Radiotherapy  | Dr. K.J. Maria Das<br>Radiotherapy                      | 10.3.2015<br>09.3.2017   | to | 1,90,000=00                             |
| 450 | Role of Biomarkers in Contrast-Induced Acute Kidney Injury in Critically Ill Patients: A Prospective Observational Study   | Dr. Mohan Gurjar<br>Critical Care Medicine              | 10.3.2015<br>09.3.2017   | to | 3,00,000=00                             |
| 451 | Prevalence of Metabolic Syndrome and the Effect of Testosterone Replacement on Metabolic Syndrome Parameters in a Cohort of Klinefelter Syndrome   | Dr. Subhash Yadav<br>Endocrinology                      | 10.3.2015<br>09.3.2017   | to | 2,35,000=00                             |
| 452 | Molecular Characterization of Premature Ovarian Failure Cases and Healthy Females (Reproductive age and Pregnant) by TP-PCR for Detecting Permutation Carrier Frequency  | Prof. Sarita Agarwal<br>Medical Genetics                | 10.3.2015<br>09.3.2017   | to | 3,00,000=00                             |
| 453 | Role of Maternal Serum Folic Acid Receptor $\alpha$ in Fetal Neural Tube Defect  | Dr. Neeta Singh<br>Maternal & Repro. Health             | 10.3.2015<br>09.3.2017   | to | 3,00,000=00                             |
| 454 | Association of Anti-Phospholipase A2 Receptor Antibodies and PLA2R Polymorphism with Clinical Status in Membranous Nephropathy   | Dr. Narayan Prasad<br>Nephrology                        | 10.3.2015<br>09.3.2017   | to | 3,00,000=00                             |
| 455 | Randomized controlled study to evaluate effect of Dietary Supplements Omega-3 Polyunsaturated Fatty Acids (PUFA) in prevention of progression of chronic Kidney Disease  | Prof. Amit Gupta<br>Nephrology                          | 10.3.2015<br>09.3.2017   | to | 3,00,000=00<br>Grant yet to be released |
| 456 | “Exocrine and Endocrine Insufficiency in Children with chronic Pancreatitis: Predictors and Effort on Nutritional Status and Bone Mineral Density”.  | Dr. Anshu Srivastava<br>Pediatric Gastroenterology      | 20.10.2015<br>19.10.2017 | to | 3,20,000=00                             |
| 457 | “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”.  | Prof. Shaleen Kumar<br>Radiotherapy                     | 20.10.2015<br>19.10.2017 | to | 1,68,000=00                             |
| 458 | “Association of TNFAIP3, TNFSF8 and ITGAM polymorphism with SLE in North Indian Population”.   | Prof. R.N. Misra<br>Clinical Immunology                 | 20.10.2015<br>19.10.2017 | to | 2,99,000=00                             |
| 459 | “Analysis of Ghicconeogenic enzymes in human urinary exosomes: Pilot study”.   | Dr. Swasti Tiwari<br>Molecular Medicine & Biotechnology | 20.10.2015<br>19.10.2017 | to | 3,00,000=00                             |
| 460 | “Role of peritubular capillary morphometry in the diagnostic evaluation of renal allograft Biopsies”.  | Dr. Vinita Agarwal<br>Pathology                         | 20.10.2015<br>19.10.2017 | to | 2,40,000=00                             |
| 461 | “Molecular Epidemiology of Candidemia in Tertiary Care Hospital”.  | Dr. Rungmei SK Marak<br>Microbiology                    | 20.10.2015<br>19.10.2017 | to | 3,33,000=00                             |
| 462 | “CD39 Positive 1 Regulatory Cells in Rheumatoid Arthritis as Marker of MTX Response”.  | Prof. Amita Aggarwal<br>Clinical Immunology             | 20.10.2015<br>19.10.2017 | to | 3,30,000=00                             |
| 463 | Association of Levels of GFG-23, Klotho, PTH with Dietary Phosphorus in Chronic Kidney Disease Stages 1 and 2”.  | Dr. Anita Saxena<br>Nephrology                          | 20.10.2015<br>19.10.2017 | to | 3,40,000=00                             |
| 464 | “Post Traumatic Nerve Regeneration Pattern with Autologous Nerve Graft and ultrathin   | Dr. A.K. Srivastava                                     | 01.3.2016                | to | 2,44,850=00                             |



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|     | Silicon Conduit”.  | Neurosurgery  | 28.2.2018                   |             |
| 465 | “Prevalence of EGFR Mutation and Response to Tyrosine Kinase Inhibitor in non Small Cell Lung Cancer in the North Indian Population”.  | Dr. Niraj Kumari<br>Pathology                         | 01.3.2016 to<br>28.2.2018   | 4,06,000=00 |
| 466 | “Bio-Demographic Aspects of Post-Partum Amenorrhea Period and its implication on Fertility”.   | Prof. Uttam Singh<br>Biostatistics & H.I              | 01.3.2016 to<br>28.2.2018   | 2,70,000=00 |
| 467 | “Detection of gut colonization by carbapenemase producing gram negative bacteria and their Molecular Characterization”.  | Prof. K.N. Prasad<br>Microbiology                     | 01.3.2016 to<br>28.2.2018   | 3,00,000=00 |
| 468 | 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”. | Dr. Atul Sonkar<br>Transfusion Medicine               | 31.3.2016 to<br>30.3.2018   | 1,45,000=00 |
| 469 | Culture Negative Spontaneous Bacterial Peritonitis in Children with Liver Disease: A Prospective Cohort Study  | Dr. Richa Mishra<br>Microbiology                      | 31.3.2016 to<br>30.3.2018   | 3,00,000=00 |
| 470 | Molecular Characteristics Including Ikaros 6 Isoform Expression In Indian Acute Lymphoblastic Leukemia Patients  | Prof. Soniya Nityanand<br>Hematology                  | 31.3.2016 to<br>30.3.2018   | 4,90,600=00 |
| 471 | Evaluation of Molecular Mutations & Their Correlation With Response to Induction Chemotherapy in Acute Myeloid Leukemia  | Dr. Anshul Gupta<br>Hematology                        | 31.3.2016 to<br>30.3.2018   | 5,00,000=00 |
| 472 | Prevalence and Titer of Hepatitis E Viremia Among India Blood Donors   | Prof. Rakesh Aggarwal<br>Gastroenterology             | 31.3.2016 to<br>30.3.2018   | 3,40,000=00 |
| 473 | Risk of Hepatitis E Virus Transmission Among Patients Receiving Multiple Blood or Blood Component Transfusions   | Dr. Amit Goel<br>Gastroenterology                     | 31.3.2016 to<br>30.3.2018   | 3,50,000=00 |
| 474 | Assessment of Dietary Intake and Eating Behavior in women With of Polycystic Ovary Syndrome  | Prof. Preeti Dabadghao<br>Endocrinology               | 31.3.2016 to<br>30.3.2018   | 3,28,700=00 |
| 475 | Effect of Class 1 HDAC on P-gp Expression in Idiopathic Nephrotic Syndrome   | Prof. Narayan Prasad<br>Nephrology                    | 31.3.2016 to<br>30.3.2018   | 3,15,000=00 |
| 476 | Use of Myocardial Tissue Imaging and Plasma Level of N-Terminal Pro B-type Natriuretic Peptide For Early Detection of Cardiac Involvement In Patients With Cirrhosis                                   | Dr. Roopali Khanna<br>Cardiology                      | 31.3.2016 to<br>30.3.2018   | 2,07,200=00 |
| 477 | Distribution and Prognostic Significance of Estrogen Receptor $\alpha$ (ER $\alpha$ ) Estrogen Receptor $\beta$ (ER $\beta$ ) and HER 2 Receptors in Differentiated Thyroid Carcinoma (DTC)            | Dr. Anjali Mishra<br>Endocrine Surgery                | 31.3.2016 to<br>30.3.2018   | 2,97,000=00 |
| 478 | “Role of IL-22 in Enthesitis Related Arthritis (ERA) Category of Juvenile Idiopathic Arthritis (JIA)”  | Prof. Amita Aggarwal<br>Clinical Immunology           | 16.8.2016 to<br>15.8.2018   | 3,50,000=00 |
| 479 | “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”                 | Dr. Sangeeta Yadav<br>Maternal & Repro. Health        | 16.8.2016 to<br>15.8.2018   | 2,65,000=00 |
| 480 | “Molecular Characterisation of D-Variants in North Indian Blood Donor Population”  | Dr. Dheeraj Khetan<br>Transfusion Medicine            | 16.8.2016 to<br>15.8.2018   | 4,45,000=00 |
| 481 | Resistance-associated variants hepatitis C virus in Indian Patients  | Prof. Rakesh Aggarwal<br>Gastroenterology             | 01.12.2016 to<br>30.11.2018 | 5,00,000=00 |
| 482 | Role of Therapeutic Drug Monitoring in Children with Auto Immune Liver Disease Receiving Azathioprine: A Pilot Study   | Dr. Anshu Srivastava<br>Pediatric<br>Gastroenterology | 01.12.2016 to<br>30.11.2018 | 3,40,000=00 |
| 483 | Study to Compare Virological Response to 0.5 mg Daily Versus 1.0 mg Daily Oral Doses of Entecavir in patients with chronic Hepatitis B Virus Infection and Decompensated Cirrhosis                     | Dr. Amit Goel<br>Gastroenterology                     | 01.12.2016 to<br>30.11.2018 | 5,00,000=00 |

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| 484 | Evaluation of immune response to alpha crystalline antigen Mycobacterium tuberculosis as a predictor of progressive TB infection in patients with autoimmune disorders  | Prof. R.N. Misra Clinical Immunology                                  | 01.12.2016 to 30.11.2018 | 4,90,000=00  |
| 485 | Genetic alterations in poorly Differentiated Carcinomas (PDTCs) and Anaplastic thyroid Carcinomas (ATCs)  | Prof. Amit Agarwal Endocrine Surgery                                  | 01.12.2016 to 30.11.2018 | 5,00,000=00  |
| 486 | Evaluation of clinical and serologic parameters predisposing to subclinical atherosclerosis in Spondyloarthropathy  | Dr. Durga P Misra Clinical Immunology                                 | 15.07.2017 to 14.07.2019 | 3,00,000=00  |
| 487 | Prevalence of coronary artery calcification and other cardiovascular disease risk factors in patients with young-onset type 2 diabetes mellitus   | Dr. Saroj K Sahoo Endocrinology                                       | 15.07.2017 to 14.07.2019 | 5,00,000=00  |
| 488 | Role of Wnt pathway signaling module RNF43/ZNRF3 in colorectal cancer and their potentials as a therapeutic target  | Prof. Ashok Kumar Surgical Gastroenterology                           | 15.07.2017 to 14.07.2019 | 3,20,000=00  |
| 489 | Diagnostic and prognostic significance of flow cytometry myeloma  | Dr. Ruchi Gupta Clinical Hematology                                   | 15.07.2017 to 14.07.2019 | 3,80,000=00  |
| 490 | Evaluation of anti fibrotic effect of inhibitors of 5HT2 (Terguride) and 5HT2B (SB 204741) on fibroblasts isolates from the omentum and peritoneum of patients on continuous ambulatory peritoneal Dialysis   | Prof. Vikas Agarwal Clinical Immunology                               | 15.07.2017 to 14.07.2019 | 4,25,000=00  |
| 491 | Hypertension in Young Patients with Type 1 diabetes mellitus: Prevalence, Risk Factors and early renal injury markers   | Prof. V.L. Bhatia Endocrinology                                       | 15.07.2017 to 14.07.2019 | 4,70,000=00  |
| 492 | 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 | Prof. Punita Lal Radiotherapy   | 15.07.2017 to 14.07.2019 | 60,000=00    |
| 493 | Cell Free DNA in Supernatant of Stored Red Cell Components  | Dr. Dheeraj Khetan Transfusion Medicine                               | 15.07.2017 to 14.07.2019 | 2,86,000=00  |
| 494 | Relative adrenal insufficiency in children with chronic liver disease and effect of albumin therapy   | Dr. Moinak Sen Sarma Pediatric Gastroenterology                       | 16.10.2017 to 15.10.2019 | 3, 00,000=00 |
| 495 | Structural evaluation of single point commissural attachment (SPAC) valve using a 3 D Model   | Prof. Shantanu Pande CVTS   | 16.10.2017 to 15.10.2019 | 3, 75,000=00 |
| 496 | A pilot study to implement liver SBRT in primary hepatocellular carcinoma and oligometastatic liver disease at a Tertiary Care Centre   | Prof. Shaleen Kumar Radiotherapy<br>(Trasferred to Dr. Shagun Mishra) | 16.10.2017 to 15.10.2019 | 3, 00,000=00 |
| 497 | Circulating microRNA as a potential diagnostic marker in lung cancer  | Prof. Narendra Krishnani Pathology                                    | 16.10.2017 to 15.10.2019 | 4, 25,000=00 |
| 498 | Comparison 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  | Prof. Richa Mishra Microbiology                                       | 16.10.2017 to 15.10.2019 | 3, 50,000=00 |
| 499 | To decipher the role of MRP-1, P-gp and class-1 HDACs in steroid resistant and steroid sensitive bronchial asthma patient   | Dr. Zia Hashim Pulmonary Medicine                                     | 15.11.2017 to 14.11.2019 | 3, 70,000=00 |
| 500 | Typing of Amyloid in Abdominal Fat Pad Aspirates: An Immuno-Electron Microscopic and Proteomic Analysis   | Dr. Vinita Agarwal Pathology  | 15.12.2017 to 14.12.2019 | 4,90,000=00  |
| 501 | Role of GeneXpert MTB/RIF Assay for Detecting Mycobacterium Tuberculosis in Specimens Obtained by CT-Guided Needle Aspiration and Biopsy of Vertebral Lesions   | Dr. Zafar Neyaz Radiodiagnosis  | 15.12.2017 to 14.12.2019 | 1,70,000=00  |
| 502 | A Study on the Prevalence of Clostridium Difficile Infection in Patients with Inflammatory  | Dr. Ujjala Ghoshal  | 15.12.2017 to            | 4,33,000=00  |

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|-----|--|--|--------------------------|-------------|
|     | Bowel Disease  | Microbiology                                 | 14.12.2019               |             |
| 503 | To Study the Biomarker Glycosylated Fibronectin as a Predictor of Gestational Diabetes in First Trimester in North Indian Population: A Pilot Study                          | Dr. Indu Lata Maternal & Reproductive Health | 15.12.2017 to 14.12.2019 | 3,00,000=00 |
| 504 | To Study the Phenotypic spectrum of a Cohort of Patients with Parry Romberg syndrome and to Identify the Copy – Number Variations by Cytogenetic Microarray                  | Dr. Deepti Saxena Medical Genetics           | 15.12.2017 to 14.12.2019 | 5,00,000=00 |
| 505 | Liver Stiffness in Patients with Chronic Kidney Disease and Changes in it After Renal Transplantation  | Dr. Dharmandr S. Bhadauria Nephrology        | 15.12.2017 to 14.12.2019 | 1,89,000=00 |
| 506 | To Establish a New Model of Angiography in Rabbit  | Dr. Vivek Singh Radiodiagnosis               | 15.12.2017 to 14.12.2019 | 3,00,000=00 |
| 507 | Clinical and Radiological Study of Foot Involvement in Rheumatoid Arthritis  | Dr. Vikas Agarwal, Clinical Immunology       | 15.12.2017 to 14.12.2019 | 3,48,000=00 |
| 508 | Validation of Rat Excision Wound Model and Exploring the Role of Compound X in wound Healing   | Dr. Durga P Misra Clinical Immunology        | 15.12.2017 to 14.12.2019 | 6,90,000=00 |
| 509 | Colistin Resistance Gene, MCR-1 In Clinical, Veterinary and Environmental Bacterial Isolates and Their Clonal Lincage Profiling  | Dr. K. N. Prasad Microbiology                | 15.12.2017 to 14.12.2019 | 5,00,000=00 |
| 510 | Cognitive Impairment and White Matter Integrity in Active and Remitted Patients with Cushing's Disease   | Dr. Eesh Bhatia Endocrinology                | 15.12.2017 to 14.12.2019 | 4,38,000=00 |
| 511 | Clinical Profile and Outcome in Giant Prolactinoma   | Dr. Preeti Dabadghao Endocrinology           | 15.12.2017 to 14.12.2019 | 2,66,000=00 |
| 512 | Role of miRNA in the Pathogenesis of Acquired Aplastic Anemia  | Dr. Ruchi Gupta Hematology                   | 15.12.2017 to 14.12.2019 | 5,00,000=00 |
| 513 | Role of Killer Cell Immunoglobulin-like Receptors (KIRs) in Selection of Haploidentical Donors   | Dr. Dinesh Chandra Hematology                | 15.12.2017 to 14.12.2019 | 5,00,000=00 |
| 514 | Evaluation of calreticulin (CALR) & myeloproliferative leukemias Virus (MPL) gene mutation profile in myeloproliferative neoplasm and their clinico-pathological correlation | Dr. Khaliqur Rahman Hematology               | 15.12.2017 to 14.12.2019 | 4,98,000=00 |
| 515 | Analysis of sequence variations in MEOX1, GDF3 and GDF6 genes in cases with congenital craniovertebral junction anomalies  | Dr. Sardhara Jayesh C. Neurosurgery          | 15.12.2017 to 14.12.2019 | 5,00,000=00 |
| 516 | Role of serum biomarker in high grade glioma   | Dr. Kuntal Kanti Das Neurosurgery            | 15.12.2017 to 14.12.2019 | 5,00,000=00 |
| 517 | Assessment of Neutrophil dysfunction in Acute on Chronic Liver Failure (ACLF) Patients Observational Study   | Dr. Gaurav Pande Gastroenterology            | 15.12.2017 to 14.12.2019 | 4,90,000=00 |
| 518 | Role of Acotiamide in Functional Dyspepsia and its Effect on Appetite and Gastric Accommodation  | Dr. Abhai Verma Gastroenterology             | 15.12.2017 to 14.12.2019 | 3,10,000=00 |
| 519 | Cost Saving on PET Scan by Recycling of Recovered <sup>18</sup> O Enriched Water From Cyclotron  | Dr. Manish Dixit Nuclear Medicine            | 15.12.2017 to 14.12.2019 | 3,70,000=00 |
| 520 | Phenotyping and Genotypic Characterization of Fosfomycin Resistance in Bacterial Isolates from Patients with Urinary Tract Infection   | Dr. Chinmoy Sahu Microbiology                | 01.07.2018 to 30.06.2020 | 3,00,000=00 |
| 521 | Renal Outcome of Acute Kidney Disease in Critically ill Patients: A Prospective Observational Study  | Dr. Mohan Gurjar C.C.M                       | 01.07.2018 to 30.06.2020 | 2,95,000=00 |
| 522 | Ruling-in Thyroid Malignancy by Molecular Diagnostics of Fine Needle Aspiration Cytology   | Prof. Amit Agarwal Endocrine Surgery         | 01.07.2018 to 30.06.2020 | 5,00,000=00 |
| 523 | Expression of Death and Survival Signals in Tuberculosis Meningitis: Correlation With Disease Severity and Outcome   | Prof. Jayanti Kalita Neurology               | 01.07.2018 to 30.06.2020 | 5,00,000=00 |

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| 524 | Correlation of RET Genotype with Clinical, Pathological Attributes and Outcomes in Patients with Medullary Thyroid Cancer   | Prof. Gaurav Agarwal<br>Endocrine Surgery.                  | 01.07.2018 to<br>30.06.2020 | 5,00,000=00 |
| 525 | To Study on the Mosaic Loss of Y-Chromosome in Colorectal, Pancereatic and Prostate Cancer in Indian Patients   | Prof. Sarita Agarwal<br>Medical Genetics                    | 01.07.2018 to<br>30.06.2020 | 3,50,000=00 |
| 526 | Assessment of Selenium Deficiency in Gluten-Free Diet in Patients with Celiac Disease   | Dr. Moinak Sen Sarma<br>Ped. Gastro.                        | 01.07.2018 to<br>30.06.2020 | 4,50,000=00 |
| 527 | Prediction of Response to Methotrexate in Rheumatoid Arthritis: Using Genes Involved in Adenosine Pathway   | Prof. Amita Aggarwal<br>Clinical Immunology                 | 01.07.2018 to<br>30.06.2020 | 4,90,000=00 |
| 528 | Evaluation of Cardiovascular Risk Factors in Sheehan's Syndrome   | Prof. Subhash Yadav<br>Endocrinology                        | 01.07.2018 to<br>30.06.2020 | 1,59,000=00 |
| 529 | Evaluation of 1p and 19q Chromosome Status in Oligodendrogial Tumors  | Dr. Sushila Jaiswal<br>Pathology                            | 01.07.2018 to<br>30.06.2020 | 5,00,000=00 |
| 530 | Do Serum and Urinary C3d and C4d Level Reflect Disease Activity in Patients with Lupus Nephritis  | Prof. R. N. Misra<br>Clinical Immunology                    | 01.07.2018 to<br>30.06.2020 | 3,70,000=00 |
| 531 | 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   | Dr. Anupama Kaul<br>Nephrology                              | 01.07.2018 to<br>30.06.2020 | 5,00,000=00 |
| 532 | Effects of Thyrotropin Suppression Therapy and Other Factors on Bone Health in Thyroid Cancer Patients  | Dr. Manish Ora<br>Nuclear Medicine                          | 01.07.2018 to<br>30.06.2020 | 4,47,000=00 |
| 533 | Effect of a Plastic Anemia Bone Marrow Mesenchymal Stem Cell Derived Extra-Cellular Vesicles on Hematopoietic Stem Cells  | Prof. Soniya Nityanand<br>Hematology                        | 01.07.2018 to<br>30.06.2020 | 5,00,000=00 |
| 534 | A Prospective Study to Compare the Results of Intraoperative Turbo Thyroglobulin Estimation vs Frozen Section in Suspected Cervical Lymphnodes During Differentiated Thyroid Carcinoma Surgery    | Dr. Gyan Chand,<br>Endocrine Surgery                        | 11.10.2018 to<br>10.10.2020 | 1,58,400=00 |
| 535 | 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                                    | Dr. Swasti Tiwari,<br>Molecular Medicine &<br>Biotechnology | 11.10.2018 to<br>10.10.2020 | 5,00,000=00 |
| 536 | Enhanced Expression of $\beta$ -D-Galactosidase in Probiotic Strains of Lactic Acid Bacteria Against Lactose Intolerance  | Dr. Anita Saxena,<br>Nephrology                             | 11.10.2018 to<br>10.10.2020 | 3,80,000=00 |
| 537 | Adrenal Histoplasmosis: Longitudinal Study of Cortisol Reserve and Possible Role of Immune Deficiency in Susceptibility   | Prof. Eesh Bhatia,<br>Endocrinology                         | 11.10.2018 to<br>10.10.2020 | 5,00,000=00 |
| 538 | Bone Health, Vitamin D Deficiency and its Replenishment in children Receiving Antiepileptic drugs   | Dr. Siddhnath Sudhanshu,<br>Endocrinology                   | 11.10.2018 to<br>10.10.2020 | 5,00,000=00 |
| 539 | Work-Life Balance (WLB) Among Employees in Health Care Sector: A Study of Hospitals in Lucknow  | Dr. Anup Kumar,<br>Biostatistics & Health<br>Informatics    | 11.10.2018 to<br>10.10.2020 | 2,68,650=00 |
| 540 | Genetic and Immunological Characteristics and Skeletal Muscle Dysfunction in Patients with Hypoparathyroidism   | Dr. Saroj K. Sahoo,<br>Endocrinology                        | 11.10.2018 to<br>10.10.2020 | 5,00,000=00 |
| 541 | MRI as Determinant of Outcomes in Inception Cohort of Reactive Arthritis  | Dr. Latika Gupta, Clinical<br>Immunology                    | 11.10.2018 to<br>10.10.2020 | 5,00,000=00 |
| 542 | 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 | Prof. Soniya Nityanand<br>Clinical Hematology               | 15.02.2019 to<br>14.02.2021 | 5,00,000=00 |
| 543 | Outcome in Adulthood of Children with Entesitis Related Arthritis (ERA) category of Juvenile Idiopathic Arthritis (JIA) and its Predictors  | Prof. Amita Aggarwal<br>Clinical Immunology                 | 15.02.2019 to<br>14.02.2021 | 5,00,000=00 |

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| 544 | Prospective Case Control Study of Objective Cardiac and Vascular Changes in Pheochromocytoma and Paraganglioma and Their Reversal Following Curative Surgery  | Dr. Roopali Khanna<br>Cardiology  | 15.02.2019 to<br>14.02.2021 | 4,36,000=00  |
| 545 | Clinical and Genotypic Profile of Arthrogryposis  | Dr. Moirangthem Amita<br>Medical Genetics   | 01.03.2019 to<br>28.02.2021 | 4,90,000=00  |
| 546 | 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  | Dr. Vinod Kumar<br>Gastroenterology<br><b>(transferred to Dr.<br/>Gaurav Pande)</b> | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 547 | Determination of Myositis Specific and Myositis Associated Antibody Profiles of Indian Myositis Patients Using the Immunoprecipitation Assay”   | Dr. Latika Gupta Clinical<br>Immunology   | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 548 | 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 | Dr. Gaurav Pande<br>Gastroenterology  | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 549 | 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 R. Phadke<br>Medical Genetics  | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 550 | T-cell Profile and Metabolomic Signatures in Patients with Pulmonary Sarcoidosis and Lymph Node Tuberculosis  | Dr. Alok Nath Pulmonary<br>Medicine   | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 551 | Pharmacokinetics of Low-Dose Sofosbuvir in Dialysis-Dependent Patients With Hepatitis C Virus Infection”  | Dr. Amit Goel<br>Gastroenterology   | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 552 | To Evaluate the Role of CXCR2 Ligands (IL-8 and Gro- $\alpha$ ) and Cytokines (IL-1 $\beta$ , TNF- $\alpha$ ) on A1k1 and A1k5 Imbalance in Chondrocytes Derived from OA cartilage  | Prof. Vikas Agarwal<br>Clinical Immunology  | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 553 | Pelvic Diameter to Cortical Thickness Ratio in Antenatally Detected Unilateral Pelvi-Ureteric Junction Obstruction  | Dr. Ankur Mandelia<br>Pediatric Surgical Super<br>Spec.                             | 01.03.2019 to<br>28.02.2021 | NIL          |
| 554 | Prognostic and Predictive Value of Tumor Infiltrating Lymphocytes (TILs) and Programmed cell Death – Ligand 1 (PD-L1) in Breast Cancer  | Prof. Gaurav Agarwal<br>Endocrine Surgery   | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 555 | 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)                          | Prof. A. K. Shukla<br>Nuclear Medicine  | 01.03.2019 to<br>28.02.2021 | 5,00,000=00  |
| 556 | Evaluation of Lower Urinary Tract Dysfunction (LUTD) in children with Anorectal Malformations (ARMs) Using Urodynamic Studies   | Dr. Vijai D Upadhyaya<br>Pediatric Surgical Super-<br>specialty                     | 01.09.2019 to<br>31.08.2021 | 2, 80,000=00 |
| 557 | 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<br>Pediatric Surgical Super-<br>specialty                          | 01.09.2019 to<br>31.08.2021 | 3, 00,000=00 |
| 558 | A Randomized controlled trial of remosetron versus amitriptyline in patients with diarrhea-predominant irritable bowel syndrome and its relation with rectal hypersensitivity   | Prof. U. C. Ghoshal<br>Gastroenterology   | 01.09.2019 to<br>31.08.2021 | 5, 00,000=00 |
| 559 | Development of Predictive Markers for Maternal and Neonatal Health Through Investigation of Mitochondrial changes During Healthy Pregnancy (A Pilot Study)  | Dr. Lokendra K. Sharma<br>Mol. Medicine &<br>Biotechnology                          | 01.09.2019 to<br>31.08.2021 | 5, 00,000=00 |
| 560 | Effect of Phosphodiesterase V Inhibitor on Fibroblast Derived from Biopsy specimen of IgA Nephropathy: An in-vitro study  | Dr. Manas Ranjan Behara<br>Nephrology   | 01.09.2019 to<br>31.08.2021 | 5, 00,000=00 |
| 561 | Role of Circulating tumor DNA EGFR Mutations in Disease Monitoring of Non-small-cell  | Dr. Raghavendra L   | 01.09.2019 to               | 5, 00,000=00 |

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|     | Lung Carcinoma   | Pathology  | 31.08.2021               |              |
| 562 | Evaluation of Peripheral Blood Dendritic cell subset count as a Potential Biomarker in Classic Hodgkin Lymphoma  | Dr. Khaliqur Rahman Hematology                         | 01.09.2019 to 31.08.2021 | 4, 25,000=00 |
| 563 | Generation of anti-CD19 <sup>+</sup> Chimeric Antigen Receptor (CD19 <sup>+</sup> CAR) T-cells and Evaluation of Cytotoxic Efficacy for Leukemic cells     | Dr. Kulwant Singh Hematology                           | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 564 | Desmopressin Reduces Bleeding Risk After Percutaneous Kidney Biopsy: A Randomized Controlled Study   | Dr. Narayan Prasad Nephrology                          | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 565 | LC-MS/MS method optimization for Vitamin D Metabolites estimation and its validation on clinical samples   | Prof. Sushil Gupta Endocrinology                       | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 566 | Development of an APP for Patient-Doctor Communication minimising patient OPD visits   | Dr. Sujeet Kumar Gautam Anaesthesiology                | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 567 | Incidence and Prognostic Significance of Androgen Receptors (AR) in Indian Triple Negative Breast Cancer (TNBC)  | Prof. Anjali Mishra Endocrine Surgery                  | 01.09.2019 to 31.08.2021 | 3, 50,000=00 |
| 568 | The Effect of Ketogenic Diet on Expression of P-Glycoprotein, HDAC and Microparticles in Childhood Refractory Epilepsy                                     | Dr. Vimal K. Paliwal Neurology                         | 01.09.2019 to 31.08.2021 | 4, 90,000=00 |
| 569 | Role of HRPT2 in Parathyroid Tumors  | Prof. Amit Agarwal Endocrine Surgery                   | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 570 | Study of 24 Hours Glucose Profile in Patients with Gestational Diabetes  | Dr. Preeti Dabadghao Endocrinology                     | 01.09.2019 to 31.08.2021 | 3, 02,000=00 |
| 571 | Brain Ageing Research: role of Genetic Modified Extra Cellular Vesicles (EVs) in Modulation of Age Related Chronic Neuroinflammation and Neuronal Function | Dr. Alok Kumar Mol. Medicine & Biotechnology           | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 572 | Investigating the Genetic Contributors to Spinocerebellar Ataxia in Indian Population  | Dr. Anshika Srivastava Medical Genetics                | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 573 | Gene Expression Analysis During Trophoblast Cell Fusion Process  | Dr. Santosh Kumar Verma Mol. Medicine & Biotechnology  | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 574 | Assessment of Neurocognitive Dysfunction & C.R.S.D. In Obstruction Sleep Apnea   | Dr. Zia Hashim Pulmonary Medicine                      | 01.09.2019 to 31.08.2021 | 5, 00,000=00 |
| 575 | Characterization of Circulating Microparticles in ANCA Vasculitis and their role in inducing endothelial injury and Glomerulonephritis                     | Dr. Durga P Misra Clinical Immunology & Rheumatology   | 15.10.2020 to 14.10.2022 | 5,00,000=00  |
| 576 | Indigenous Technique to Isolate Pancreatic Stellate Cells and Evaluation of eGMP/PKG1/2/PPM1A/SHP-2 pathways in pancreatic Fibrosis                        | Prof. Vikas Agarwal Clinical Immunology & Rheumatology | 15.10.2020 to 14.10.2022 | 5,00,000=00  |
| 577 | Evaluating the role of liquid chromatography-tandem mass spectrometry in therapeutic monitoring of methotrexate in acute Lymphoblastic Leukemia            | Dr. Naresh Tripathy Hematology                         | 15.10.2020 to 14.10.2022 | 5,00,000=00  |
| 578 | Determination of cell of origin subtypes in diffuse large B cell Lymphoma by Immunohistochemistry and gene Expression                                      | Dr. Anshul Gupta Hematology                            | 15.10.2020 to 14.10.2022 | 5,00,000=00  |
| 579 | Study to Detect Inflammatory Biomarker in Gut and Inflammatory Response in Serum in COVID-19 Positive Patients   | Prof. Ujjala Ghoshal Microbiology                      | 15.12.2020 to 14.12.2022 | 5,00,000     |
| 580 | Comparison of Cytotrophoblast Cell-Fusion Markers in Placenta of Early and Term  | Dr. Santosh K Verma                                    | 15.12.2020 to            | 5,00,000     |

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|-----|---|---|--------------------------|----------|
|     | Gestation (A Pilot Study)   | Molecular Medicine & Biotechnology                        | 14.12.2022               |          |
| 581 | Validation of ‘Hi-Screen’ test for COVID-19 Developed at SGPGI  | Prof. Swasti Tiwari<br>Molecular Medicine & Biotechnology | 15.12.2020 to 14.12.2022 | 4,80,000 |
| 582 | Serum Galactose-Deficient IgA1 as a Biomarker for Monitoring Disease Activity and Response to Therapy in IgA Nephropathy  | Dr. Monika Yachha<br>Nephrology                           | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 583 | Evaluation of Biochemical and Radiological Features predicting Pulmonary Fibrosis in Patients with COVID-19 Disease   | Dr. Ajmal Khan<br>Pulmonary Medicine                      | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 584 | A pilot study on making a repository for whole blood derived convalescent plasma as an alternative to apheresis convalescent plasma from blood donors with virologic or serologic evidence of prior infection with SARS-CoV-2 | Prof. Anupam Verma<br>Transfusion Medicine                | 15.12.2020 to 14.12.2022 | 4,90,000 |
| 585 | Study of IL-6 and IL-17 in the fibroblast derived from Chronic Antibody mediated Rejection (CABMR) in renal allograft Recipient   | Prof. Narayan Prasad<br>Nephrology                        | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 586 | Biochemical performance and clinical outcomes of the "high sieving" polyethersulfone dialyzers in comparison to standard dialyzers  | Dr. Manas R Patel<br>Nephrology                           | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 587 | Role of Immunohistochemistry in Subtyping and Differentiating Progressive Familial Intrahepatic Cholestasis (PFIC) from other Causes of Pediatric Cholestatic Diseases  | Dr. Neha Nigam<br>Pathology                               | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 588 | Detecting Long Non-coding RNA Biomarkers in Prostate Cancer Liquid Biopsies   | Dr. Sanjoy Kumar Sureka<br>Urology                        | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 589 | Comparative Study of the Cytogenetic and Immunophenotypic Profile of Plasma Cells with Respect to serum free light Chain Assay in Plasma Cell Proliferative Disorders   | Dr. Manish K Singh<br>Hematology                          | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 590 | Cytomegalovirus Reactivation in Critically Ill Immunocompetent Patients with Septic Shock   | Dr. Atul Garg<br>Microbiology                             | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 591 | Effects of Catecholamine Excess on Glucose and fat Metabolism in Pheochromocytoma & Paraganglioma Patients and Their Reversal Following Surgical Cure: A Prospective Cohort Study   | Prof. Gaurav Agarwal<br>Endocrine Surgery                 | 15.12.2020 to 14.12.2022 | 4,74,335 |
| 592 | Diagnostic Utility of ADAMTS-13 Assay and PLASMIC Score in Patients of Thrombotic Microangiopathies   | Dr. Dinesh Chandra<br>Hematology                          | 15.12.2020 to 14.12.2022 | 5,00,000 |
| 593 | To Evaluate the Role of Cell Free DNA in Gall Bladder Cancer As A Diagnostic  | Dr. Ashish Singh<br>Surgical Gastroenterology             | 25.12.2020 to 24.12.2022 | 4,85,000 |

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| 594 | Role of Mitochondrial Dynamic Proteins (Fussion) in North Indian Colorectal Cancer Patients  | Prof. Ashok Kumar<br>Surgical Gastroenterology       | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 595 | 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)     | Prof. Anita Saxena<br>Nephrology                     | 25.12.2020 to<br>24.12.2022 | 4,97,304 |
| 596 | Micro-RNA Mediated Regulation of Th17 and Treg Cells in Aplastic Anemia and their correlation with Immunosuppressive Therapy   | Dr. Ruchi Gupta,<br>Hematology                       | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 597 | To Assess the Clinico-Radiological, Urodynamic Outcome and Metabolic Effects of Surgical Detethering in patients of Spinal Dysraphism - A Prospective Study                              | Dr. Ved Prakash Maurya,<br>Neurosurgery              | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 598 | Evaluation of Eosinophilic Inflammation in patients of Chronic Obstructive Pulmonary Disease   | Dr. Mansi Gupta<br>Pulmonary Medicine                | 25.12.2020 to<br>24.12.2022 | 4,90,000 |
| 599 | 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 | Prof. Sandeep Sahu<br>Anaesthesiology                | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 600 | PDE-5 Inhibitor Tadalafil as Anti-Inflammatory and Antifibrotic agent for improving bladder Dynamics in cases of Posterior Urethral Valve  | Prof. M. S. Ansari<br>Urology and Renal<br>Transp.   | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 601 | Molecular Characterization of Juvenile Nasopharyngeal Angiofibroma   | Dr. Amit Keshri Neuro-<br>otology                    | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 602 | Therapeutic Application of the <sup>64</sup> CuCl <sub>2</sub> an Auger Electron-emitting PET Agent in Recurrent High-Grade Brain Tumors   | Prof. Sanjay Gambhir<br>Nuclear Medicine             | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 603 | Does Use of a Dural Sealant during endoscopic endonasal repair of dural defect prevent Cerebrospinal Fluid (CSF) Leak  | Prof. Awadhesh Kumar<br>Jaiswal Neurosurgery         | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 604 | Comparative Analysis of <sup>68</sup> Ga-PSMA PET/CT with 99mTc-PSMA Gamma Camera Imaging in Recurrent Carcinoma Prostate  | Dr. Manish Ora Nuclear<br>Medicine                   | 25.12.2020 to<br>24.12.2022 | 4,50,000 |
| 605 | Role of Factor-H Related Proteins in Complement-3 Glomerulopathy   | Dr. Pallavi Prasad<br>Pathology                      | 25.12.2020 to<br>24.12.2022 | 4,56,000 |
| 606 | Evaluation of TGF- $\beta$ Induced canonical and Non-canonical fibrotic pathways in fibroblasts derived from Stricture Esophagu  | Dr. Latika Gupta Clinical<br>Immun. and Rheumat.     | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 607 | Duo-PAP vs Nasal Continuous positive airway pressure in preterm neonates with respiratory distress syndrome - A Randomized Control Trial   | Dr. Kriti M. Naranje<br>Neonatology                  | 25.12.2020 to<br>24.12.2022 | 4,99,971 |
| 608 | Randomized Trial of phacoemulsification versus laser peripheral Iridotomy in patients with Primary Angle Closure Disease   | Dr. Vaibhav K. Jain<br>Ophthalmology                 | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 609 | Clinical, Radiological Histopathological Characterization of Medulloblastoma Consensus and its application in Molecular Subgroup-based Risk-Adjusted Therapy                             | Dr. Kamlesh Singh<br>Bhaisora<br>Neurosurgery        | 25.12.2020 to<br>24.12.2022 | 4,85,000 |
| 610 | Correlation of Oncogenic Viruses in Papillary Thyroid Carcinoma  | Dr. Gyan Chand<br>Endocrine Surg.                    | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 611 | Novel Synthetic Route of Precursor synthesis for (18F)-Ausimin PSMA PET Tracer: Chemistry Methodology Innovation   | Dr. Manish Dixit Nuclear<br>Medicine                 | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 612 | Development of Non-Invasive Biomarker for early diagnosis of clear cell renal cell carcinoma (ccRCC) and Identification Therapeutic Target for the Disease                               | Dr. Naveen K. Gautam<br>Urology and Renal<br>Transp. | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 613 | Study The Effect of HPV Infection on Pregnancy Outcome   | Dr. Amrit Gupta MRH                                  | 25.12.2020 to<br>24.12.2022 | 4,86,000 |



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| 614 | Prevalence of SARS CoV 2 antibodies in Healthcare workers to determine Infection Exposure   | Dr. Rahul Katharia<br>Transfusion Medicine          | 25.12.2020 to<br>24.12.2022 | 4,93,000 |
| 615 | 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 | Dr. Khaliqur Rahman<br>Hematology                   | 25.12.2020 to<br>24.12.2022 | 4,75,000 |
| 616 | Targeting of Glioblastoma Stem Cells through modulation of mitochondrial mechanisms for developing effective Therapeutic Approaches   | Dr. Lokendra K. Sharma<br>Molecular Medicine & Bio. | 25.12.2020 to<br>24.12.2022 | 5,00,000 |
| 617 | Transcutaneous Bilirubinometry from patched skin and its correlation with serum bilirubin during and after phototherapy in infants: A Prospective Observational Study                                 | Dr. Anita Singh<br>Neonatology                      | 25.12.2020 to<br>24.12.2022 | 2,15,380 |
| 618 | Intestinal Permeability and Bacterial Translocation in Spontaneous Bacterial Peritonitis in Children  | Dr. Moinak Sen Sarma<br>Pediatric Gastroenterology  | 01.08.2021 to<br>31.07.2023 | 5,00,000 |
| 619 | 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        | Dr. Amit Rastogi<br>Anaesthesiology                 | 01.08.2021 to<br>31.07.2023 | 2,80,000 |
| 620 | Role of point of care ultrasound in early detection of Postoperative Pulmonary Complications after Peroral endoscopic myotomy (POEM) procedure  | Dr. Rafat Shamim<br>Anaesthesiology                 | 01.08.2021 to<br>31.07.2023 | 80,000   |
| 621 | To study the effect of medical nutrition therapy to alleviate school time hyperglycemia and address glycemic outcomes in children with type 1 diabetes mellitus                                       | Dr. Siddhnath Sudhanshu<br>Endocrinology            | 20.09.2021 to<br>19.09.2023 | 3,80,000 |
| 622 | Seroprevalance and cross-reactivity of different neglected tropical diseases in blood culture negative febrile patients in a tertiary care center: A descriptive study                                | Dr. Sangram Singh Patel<br>Microbiology             | 20.09.2021 to<br>19.09.2023 | 4,50,000 |
| 623 | 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                                   | Dr. Pawan Kumar Verma<br>Neurosurgery               | 20.09.2021 to<br>19.09.2023 | 4,03,000 |
| 624 | Antibody response following vaccination against COVID-19 using COVISHIELD in healthy HCW population   | Dr. Alka Verma<br>Emergency Medicine                | 20.09.2021 to<br>19.09.2023 | 5,00,000 |
| 625 | Antibody response to COVID-19 vaccination in Patients with advanced liver disease   | Dr. Amit Goel<br>Gastroenterology                   | 20.09.2021 to<br>19.09.2023 | 5,00,000 |
| 626 | Estimation of antibody response to SARS Corona virus-2 vaccination in patients of renal allograft recipients and maintenance hemodialysis   | Dr. Dharmendra Singh<br>Bhadauria Nephrology        | 20.09.2021 to<br>19.09.2023 | 5,00,000 |
| 627 | Noise Levels and Surgical Team Distraction during Thyroidectomy in an Endocrine Surgery Operating Room  | Dr. Sabaretnam<br>Mayilvaganan Endocrine Surgery    | 20.09.2021 to<br>19.09.2023 | 1,45,000 |
| 628 | Inflammatory Response after Open and Laparoscopic Inguinal Hernia Repair in Children  | Dr. Ankur Mandelia<br>Super Specialties             | 20.09.2021 to<br>19.09.2023 | 5,00,000 |
| 629 | Microparticles in peripheral blood in trauma patients   | Dr. Awale Rupali<br>Bhalchandra Apex Trauma Center  | 01.12.2021 to<br>30.11.2023 | 4,97,240 |
| 630 | Clinico-radiological and Immuno-histopathological characterization of eraniopharyngioma for risk stratification and development of a prognostic model   | Dr. Ved Prakash Maurya<br>Neurosurgery              | 01.12.2021 to<br>30.11.2023 | 4,47,000 |
| 631 | Incidence and Prognostic Significance of Programmed Death Ligand-1 (PD-L1) Expression in Thyroid Carcinoma of Follicular Origin   | Prof. Anjali Mishra<br>Endocrine Surgery            | 01.12.2021 to<br>30.11.2023 | 5,00,000 |
| 632 | Serum calprotectin as a diagnostic marker of intrahepatic cholestasis of pregnancy  | Dr. Sangeeta Yadav                                  | 01.12.2021 to               | 3,10,000 |

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|     |  | Maternal & Reproductive Health                  | 30.11.2023               |          |
| 633 | Study of Programmed Death Ligand-1 (PDL-1) Expression and its Role as a Predictive Biomarker in Esophageal Carcinoma   | Dr. Pallavi Prasad Pathology                    | 01.12.2021 to 30.11.2023 | 3,30,000 |
| 634 | Utility of urinary mitochondrial DNA in predicting the immediate versus delayed graft function in live related renal allograft recipient   | Dr. Ravi Shankar Kushwaha Nephrology            | 01.12.2021 to 30.11.2023 | 5,00,000 |
| 635 | Generation of iPSC-derived HLA negative Hematopoietic Stem cells: A step towards treatment of Aplastic Anemia  | Dr. Vinod Verma, SCRC Hematology                | 01.12.2021 to 30.11.2023 | 5,00,000 |
| 636 | 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  | Dr. Rudrashish Halder Anaesthesiology           | 01.12.2021 to 30.11.2023 | 1,01,800 |
| 637 | Quality control of Fresh Frozen plasma using plasma sample taken from segment  | Dr. Dheeraj Khetan Transfusion Medicine         | 01.12.2021 to 30.11.2023 | 3,40,000 |
| 638 | 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                  | Prof. Ujjala Ghoshal Microbiology               | 01.01.2022 to 31.12.2023 | 5,00,000 |
| 639 | 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 | Prof. U.C. Ghoshal Gastroenterology             | 01.01.2022 to 31.12.2023 | 5,00,000 |
| 640 | Antimicrobial susceptibility testing and molecular characterization of Minocycline and Omadacycline resistance   | Dr. Chinmoy Sahu Microbiology                   | 01.01.2022 to 31.12.2023 | 5,00,000 |
| 641 | Evaluating direct microbial identification and antimicrobial susceptibility testing for early diagnosis of blood stream infections: a step towards diagnostic stewardship  | Prof. Ujjala Ghoshal Microbiology               | 01.01.2022 to 31.12.2023 | 5,00,000 |
| 642 | Standardization of Real-time PCR on Blood and BAL for Improving the Diagnosis of Invasive Pulmonary Aspergillosis  | Dr. Zia Hashim Pulmonary Medicine               | 01.03.2022 to 28.02.2024 | 5,00,000 |
| 643 | Efficacy of Covid Vaccination among CKD non Dialysis Dependant Patients (eGFR 15-60ml/1.73m2)  | Dr. Anupama Kaul Nephrology                     | 01.03.2022 to 28.02.2024 | 5,00,000 |
| 644 | Analysis of causative erythrocyte membrane protein and correlation with disease severity in hereditary spherocytosis   | Dr. Jalaj Gupta SCRC Dept. of Hematology        | 01.03.2022 to 28.02.2024 | 5,00,000 |
| 645 | Expression of mismatch repair (MMR) protein in Glioma  | Dr. Sushila Jaiswal Pathology                   | 01.03.2022 to 28.02.2024 | 5,00,000 |
| 646 | Incidence and etiology of diarrhea in critically ill adult patients-an observational study   | Prof. Banani Poddar Critical Care Medicine      | 01.03.2022 to 28.02.2024 | 2,95,663 |
| 647 | Establishment & evaluation of the technique for investigating drug induced auto immune hemolytic Anemia  | Dr. Prashant Agarwal Transfusion Medicine       | 01.03.2022 to 28.02.2024 | 4,20,000 |
| 648 | 24 hours glucose profile and beta cell function in women with early gestational diabetes mellitus  | Prof. Preeti Dabadghao Endocrinology            | 01.07.2022 to 30.06.2024 | 5,00,000 |
| 649 | Production of 68-Gallium with medical Cyclotron via Solid targetry methodology and its usage to labeled clinical usable peptides for imaging   | Dr. Manish Dixit Nuclear Medicine               | 01.07.2022 to 30.06.2024 | 5,00,000 |
| 650 | Can we improve detection of occult neurological changes in patients with hepatic Wilson disease?   | Dr. Moinak Sen Sarma Pediatric Gastroenterology | 01.07.2022 to 30.06.2024 | 5,00,000 |
| 651 | Pneumococcal vaccination in SLE: comparison of single dose versus sequential vaccine (Immunogenicity and impact on disease)  | Prof. Amita Aggarwal Clinical Immunology &      | 01.07.2022 to 30.06.2024 | 4,75,000 |

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|     |   | Rheumatology   |                             |          |
| 652 | Randomized control trial of open versus closed endotracheal tube suctioning systems use in neonates on physiological outcomes   | Dr. Anita Singh<br>Neonatology                             | 01.12.2022 to<br>30.11.2024 | 1,35,000 |
| 653 | 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                | Prof. Alok Nath<br>Pulmonary Medicine                      | 01.12.2022 to<br>30.11.2024 | 4,72,500 |
| 654 | Evaluation of techniques and outcome of Celiac Plexus Neurolysis by fluoroscopy, CT and Robot assisted CT guidance: Prospective Randomized comparative, parallel trial            | Dr. Chetna Shamsheery<br>Anaesthesiology                   | 01.12.2022 to<br>30.11.2024 | 3,32,500 |
| 655 | New Xpert MTB/XDR assay: a prospective single centre pilot study  | Prof. Richa Mishra<br>Microbiology                         | 01.12.2022 to<br>30.11.2024 | 5,00,000 |
| 656 | Respiratory viral infections in a level 3 NICU of India: A prospective observational study  | Dr. Akanksha<br>Neonatology                                | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 657 | To study the serum metabolomic markers as predictor of Gestational Diabetes Mellitus in first trimester of pregnancy in North Indian Population: a pilot study                    | Dr. Indu Lata<br>Maternal & Reproductive Health            | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 658 | Characterization of human platelet derived exosomes and assessment of its impact on cell (human) proliferation (in-vitro)   | Dr. Atul Sonker<br>Transfusion Medicine                    | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 659 | IL-18, Retinol binding protein (RBP), Hepcidin, KIM-I, Neutrophil Gelatinase-associated Lipocalin (n gal): Diagnostic biomarkers for acute kidney injury in acute trauma patients | Dr. Amit Kumar Singh<br>ATC (Trauma Surgery)               | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 660 | Role of pro-inflammatory markers in thyroid nodules-a pilot study in North Indian iodine deficient population   | Dr. Sabaratenam M<br>Endocrine Surgery                     | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 661 | Comparison of Manual intermittent bolus versus continuous infusion of 0.2% Ropivacaine after ultrasound guided serratus anterior plane block for rib fractures                    | Dr. Prateek Singh Bais<br>Anaesthesiology                  | 02.01.2023 to<br>31.12.2024 | 1,40,400 |
| 662 | Comparison of Sugammadex and Neostigmine for reversal of Vecuronium induced neuromuscular blockade in paediatric patients: A prospective randomized study                         | Dr. Aarti Agarwal<br>Anaesthesiology                       | 02.01.2023 to<br>31.12.2024 | 3,97,600 |
| 663 | Expression of programmed death-ligand 1 (PD-L1) in pituitary tumors   | Prof. Awadhesh Kumar<br>Jaiswal<br>Neurosurgery            | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 664 | Effect of Indian classical music on patients of parkinsonism and its comparison with western music  | Dr. Ruchika Tandon<br>Neurology                            | 02.01.2023 to<br>31.12.2024 | 4,96,000 |
| 665 | Tofacitinib in Entesitis Related Arthritis Category of Juvenile Idiopathic Arthritis (JIA-ERA):Impact on pro-inflammatory mediators   | Prof. Amita Aggarwal<br>Clinical Immunology & Rheumatology | 02.01.2023 to<br>31.12.2024 | 4,35,000 |
| 666 | Investigating the correlation between CAG repeat expansion and genomic wide transcription in Huntington Diseases  | Dr. Anshika Srivastava<br>Medical Genetics                 | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 667 | 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             | Dr. C.P. Chaturvedi SCRC,<br>Hematology                    | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 668 | Standardization and validation of in-house methods for ADAMTS-13 and Anti-CFH antibody  | Dr. Dinesh Chandra<br>Hematology                           | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 669 | Flowcytometric Assessment of Platelet activation in Patient with Sick Cell Anemia   | Dr. Sanjeev<br>Hematology                                  | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 670 | Functional validation of the micro-RNAs involved in the pathogenesis of acquired Aplastic anemia  | Dr. Ruchi Gupta<br>Hematology                              | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 671 | Evaluation of circulating Vascular Endothelial Growth Factors (VEGF), endothelial and platelet microparticles in orbital lymphaticovenous malformations in Indian patients        | Dr. Rachna Agarwal<br>Ophthalmology                        | 02.01.2023 to<br>31.12.2024 | 5,00,000 |
| 672 | Purinergeric receptors in trophoblast cell fusion process   | Dr. Santosh K Verma  | 02.01.2023 to               | 5,00,000 |

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|     |   | Molecular Medicine & Biotechnology                               | 31.12.2024                  |          |
| 673 | A randomized controlled study for clinical evaluation of the synergistic effect of oral bisphosphonate with platelet-rich plasma in Knee osteoarthritis   | Dr. Amit Kumar<br>ATC (Orthopedics)                              | 02.01.2023 to<br>31.12.2024 | 2,89,000 |
| 674 | Early versus delayed removal of small caliber percutaneous intercostals drainage catheter and its correlation with infection in cases of acute haemothorax in level I trauma centre: A pilot Study  | Dr. Amit Kumar Singh<br>(ACT)/RCH                                | 31.05.2023 to<br>30.05.2025 | 4,05,000 |
| 675 | 2-DGait Analysis in patella-femoral pain syndrome: A Prospective Cross-Sectional Study  | Dr. Siddharth Rai Physical<br>Medicine & Rehabilitation<br>(ATC) | 31.05.2023 to<br>30.05.2025 | 4,01,460 |
| 676 | To assess the role of Next Generation Sequencing in detecting genomic alterations in advanced prostate cancer in Indian scenario  | Dr. Sanjoy K Sureka<br>Urology and Renal<br>Transplantation      | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 677 | Pituitary function after recovery from septic shock among ICU survivors: A Prospective, observational study   | Prof. Subash B Yadav<br>Endocrinology                            | 31.05.2023 to<br>30.05.2025 | 3,47,885 |
| 678 | Correlation between Vitamin D level and outcomes of Transforaminal Epidural Steroid Injection in Lumbar Radiculopathy: A prospective observational study  | Dr. Sanjay Kumar<br>Anaesthesiology                              | 31.05.2023 to<br>30.05.2025 | 64,544   |
| 679 | 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                                | Dr. Suruchi<br>Anaesthesiology                                   | 31.05.2023 to<br>30.05.2025 | 4,58,750 |
| 680 | Association of Gut microbiota with the appearance of non-HLA antibodies and graft outcome in renal allograft recipients   | Prof. Narayan Prasad<br>Nephrology                               | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 681 | Feasibility and acceptability of using Inter mittently Scanned Continous Glucose Monitoring System Freestyle Libre (FSL) in patients under 18 years age with type 1 diabetes mellitus visiting a tertiary care hospital in North                      | Prof. Preeti Dabadghao<br>Endocrinology                          | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 682 | Effect of oral bicarbonate therapy on disease progression, inflammatory makers and urinary klotho in Chronic Kidney Disease patients (Stage 3-4): A prospective observational cohort study  | Prof. Anupama Kaul<br>Nephrology                                 | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 683 | Benefit of intermittently scanned continous Glucose Monitoring (isCGM) in Reducing Hypoglycemia among Older Adults with Type 2 Diabetes Mellitus on Insulin   | Prof. Preeti Dabadghao<br>Endocrinology                          | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 684 | Comparison of effect of variable peep on leakage and oxygenation using i-gel and LMA ® Protector-a parallel group trial   | Dr. Ruchi Verma<br>Anaesthesiology                               | 31.05.2023 to<br>30.05.2025 | 2,61,000 |
| 685 | 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 | Dr. Ajmal Khan<br>Pulmonary Medicine                             | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 686 | Comparison of seroprevalence of hepatitis E virus IgG antibody among young men and women in India   | Prof. Amit Goel<br>Hepatology                                    | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 687 | Evaluation of Diagnostic Performance of Type 2 Inflammatory Biomarkers Phenotyping Patients with Chronic Obstructive Pulmonary Disease  | Dr. Mansi Gupta<br>Pulmonary Medicine                            | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 688 | To study the impact of voluntary kidney donation on acid base balance   | Dr. Manas Ranjan Behera<br>Nephrology                            | 31.05.2023 to<br>30.05.2025 | 5,00,000 |
| 689 | To investigate the association of GWAS identified high risk variants with diabetic nephropathy in North Indian Population   | Dr. Naveen Kumar<br>Gautam                                       | 31.05.2023 to<br>30.05.2025 | 5,00,000 |

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|     |  | Urology & Renal Transplantation                                |                          |           |
| 690 | Investigation of autophagy regulation as a potential therapeutic approach in glioblastoma  | Dr. Lokendra K Sharma<br>Molecular Medicine & Biotechnology    | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 691 | The Role of Plasminogen Activator Inhibitor 1 as a contributor to the pathogenesis of anti-phospholipid syndrome   | Dr. Able Lawrence<br>Clinical Immunology & Rheumatology        | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 692 | Role of Maternal Soluble Neuropilin-1 and Placental Neuropilin-1 in Fetal Growth Restriction   | Dr. Neeta Singh Maternal & Reproductive Health                 | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 693 | Intraoperative indocyanine green (ICG) angiography for identifying posterior auricular and Stylomastoid artery as an anatomic landmark for facila nerve identification: A feasibility study                                | Dr. M Ravi Sankar<br>Neurosurgery                              | 31.05.2023 to 30.05.2025 | 2,50,000  |
| 694 | Bone Health Assessment in patients of Prolactinoma   | Prof. Preeti Dabadghao<br>Endocrinology                        | 31.05.2023 to 30.05.2025 | 4,93,560  |
| 695 | To study the role of insulin resistance and decreased beta-cell function in ESRD for the prediction of new onset diabetes after transplantation (NODAT)  | Prof. Anupama Kaul<br>Nephrology                               | 31.05.2023 to 30.05.2025 | 2,33,000  |
| 696 | 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 | Dr. Tonmoy Ghatak<br>Emergency Medicine                        | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 697 | Evaluation of glycemic and metabolic control by continuous glucose monitoring in children with glycogen storage disease  | Dr. Moinak Sen Sarma<br>Pediatric Gastroenterology             | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 698 | Correlation of arterial concentrations of dexmedetomidine with severity of catheter related bladder discomfort in male patients undergoing percutaneous Nephrolithotomy after receiving intravesical dexmedetomidine       | Dr. Divya Srivastava<br>Anaesthesiology                        | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 699 | Evaluation of occult renal dysfunction using functional magnetic resonance imaging in patients with cirrhosis  | Dr. Moinak Sen Sarma<br>Pediatric Gastroenterology             | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 700 | A Study of intracranial vessel wall imaging and biomarkers in adults with primary angitis of the central nervous system  | Dr. Vinita Elizabeth Mani<br>Neurology                         | 31.05.2023 to 30.05.2025 | 5,00,000  |
| 701 | Gastroesophageal reflux disease after per oral endoscopic myotomy (POEM) at two-year follow-up   | Dr. Praveer Rai<br>Gastroenterology                            | 16.10.2023 to 15.10.2025 | 5,00,000  |
| 702 | Impact of Parathyroidectomy on Respiratory Function in Patients of Primary Hyperparathyroidism (PHPT) - Prospective Cohort Study   | Prof. Anjali Mishra<br>Endocrine Surgery                       | 16.10.2023 to 15.10.2025 | 2,07,750  |
| 703 | Cirrhotic cardiomyopathy in children with chronic liver disease: Correlation with severity of liver disease and its effect on outcome  | Prof. Anshu Srivastava<br>Pediatric Gastroenterology           | 01.01.2024 to 31.12.2025 | 9,56,250  |
| 704 | In vitro evaluation of the cross-talk between T lymphocytes and macrophages in Takayasu arteritis and its potential therapeutic modulation   | Dr. Durga Prasanna Misra<br>Clinical Immunology & Rheumatology | 01.01.2024 to 31.12.2025 | 10,00,000 |
| 705 | Evaluation of the in vitro effectiveness of a combination of immunosuppressive with anti-fibrotic therapy on T lymphocyte activation in Takayasu arteritis   | Dr. Durga Prasanna Misra<br>Clinical Immunology &              | 01.01.2024 to 31.12.2025 | 10,00,000 |

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|     |  | Rheumatology  |                             |              |
| 706 | Anthropometric measurements and analysis of the auricle and determination of the age of maturity of the ear in the Indian population                               | Dr. Anupama Singh<br>Plastic Surgery                          | 01.01.2024 to<br>31.12.2025 | 40,000       |
| 707 | Re-differentiation therapy with Lenvatinib demonstrated by I-124 PET/CT  | Dr. P.K. Pradhan<br>Nuclear Medicine                          | 01.01.2024 to<br>31.12.2025 | 9,90,000     |
| 708 | Development and validation of multi-plex real time PCR for assessment of transcriptional variability of HPA alleles  | Dr. Dheeraj Khetan<br>Transfusion Medicine                    | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 709 | Evaluation of Styrene maleic acid lipid particles prepared from Mycobacterium tuberculosis plasma membrane as a prototype vaccine against tuberculosis             | Dr. Alok Kumar<br>Molecular Medicine &<br>Biotechnology       | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 710 | Identification and Characterization of co-regulatory proteins associated with MEF2D-rearranged oncogenic fusion proteins   | Dr. Kulwant Singh<br>SCRC , Hematology                        | 01.01.2024 to<br>31.12.2025 | 10, 00,000   |
| 711 | Role of Dehydroepiandrosterone (DHEA) in the pathogenesis of Non-alcoholic steat hepatitis (NASH)  | Dr. Rohit A. Sinha<br>Endocrinology                           | 01.01.2024 to<br>31.12.2025 | 10, 00,000   |
| 712 | Investigation of differential gene expression profile associated with Pediatric Acute Myeloid Leukemia   | Dr. Shailendra S. Maurya<br>SCRC Hematology                   | 01.01.2024 to<br>31.12.2025 | 9, 50,000    |
| 713 | Identification of non-invasive serum biomarker for the early and specific detection of colorectal cancer   | Dr. Jalaj Gupta<br>SCRC Hematology                            | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 714 | 3-D Scaffold Matrices for Bone Tissue Engineering  | Dr. Nitin Sagar<br>SCRC Hematology                            | 01.01.2024 to<br>31.12.2025 | 9,50,000     |
| 715 | NMR spectroscopy-based Metabolomics analysis for the Diagnosis of Urinary tract infection in Children  | Dr. Priyank Yadav<br>Urology & Renal<br>Transplantation       | 01.01.2024 to<br>31.12.2025 | 5,00,000     |
| 716 | Status of BRCA gene in breast cancer   | Dr. Sushila Jaiswal<br>Pathology                              | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 717 | Redefining 'triple negative myeloproliferative neoplasm' using targeted next generation sequencing   | Dr. Khaliqur Rehman<br>Hematology                             | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 718 | Rapid diagnosis of bacterial infection induced septic shock in critically ill patients admitted in intensive care unit of a tertiary care center                   | Dr. Shakti Kumar<br>Molecular Medicine &<br>Biotechnology     | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 719 | Next generation sequencing for genetic testing in Early-onset Steroid-resistant FSGS and correlation with Ultrastructural features                                 | Prof. Vinita Agarwal<br>Pathology                             | 01.01.2024 to<br>31.12.2025 | 10,00,000    |
| 720 | Improving patient care and operational efficacy from randomized control trial in lower urinary tract symptoms secondary to benign prostatic hyperplasia (LUTS/BPH) | Dr. Priyank Yadav<br>Urology & Renal<br>Transplantation       | 01.01.2024 to<br>31.12.2025 | Without fund |
| 721 | To study salivary cortisol as a surrogate marker stress response in children undergoing surgery with low-pressure vs high-pressure pneumoperitoneum                | Dr. Ankur Mandelia<br>Pediatric Surgical Super<br>Specialties | 28.03.2024 to<br>27.03.2026 | 5,00,000     |
| 722 | Study of Glycosylated hemoglobin (HbA1c) levels in blood donors and its relation to red blood cell storage lesions   | Prof. Prashant Agarwal<br>Transfusion Medicine                | 28.03.2024 to<br>27.03.2026 | 10,00,000    |
| 723 | Investigating the effect of liver specific thyroid hormone analog in the development of non-alcoholic steatohepatitis (NASH)-driven hepatocellular carcinoma (HCC) | Dr. Rohit A Sinha<br>Endocrinology                            | 28.03.2024 to<br>27.03.2026 | 10,00,000    |
| 724 | Genetic profile of early onset or giant pituitary adenomas: A cross-sectional, observational   | Prof. Preeti Dabadghao  | 28.03.2024 to               | 9,88,400     |

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|     | study   | Endocrinology  | 27.03.2026                   |           |
| 725 | Hepatic parenchymal extinction in extrahepatic portal venous obstruction  | Dr. Moinak Sen Sarma<br>Pediatric<br>Gastroenterology        | 28.03.2024 to<br>27.03.2026  | 10,00,000 |
| 726 | Mitochondrial solute carrier proteins screening to unravel the role of key metabolic genes in Gallbladder Cancer: The approach toward diagnoses and therapies   | Prof. Ashok Kumar<br>Surgical Gastroenterology               | 28.03.2024 to<br>27.03.2026  | 10,00,000 |
| 727 | Characterization of G-CSF Mobilized Human Peripheral Blood Mesenchymal Stem Cells   | Dr. Naresh K Tripathy<br>Hematology                          | 28.03.2024 to<br>27.03.2026  | 10,00,000 |
| 728 | To evaluate the cytogenetic abnormalities in the tumor-tissue plasma cells of the patients with Plasmacytoma  | Dr. Manish K Singh<br>Hematology                             | 28.03.2024 to<br>27.03.2026  | 5,01,974  |
| 729 | Factors associated with renal reversibility in newly diagnosed patients of multiple myeloma with renal failure  | Dr. Sanjeev<br>Hematology                                    | 28.03.2024 to<br>27.03.2026  | 10,00,000 |
| 730 | Evaluating the role of mi-RNA-155 and miRNA-126 in altering the T cell signaling pathways in acquired aplastic anemia   | Dr. Ruchi Gupta<br>Hematology                                | 28.03.2024 to<br>27.03.2026  | 10,00,000 |
| 731 | Deciphering the role of iPSC derived extracellular vesicles in AML cell differentiation   | Dr. Vinod Verma<br>Hematology                                | 28.03.2024 to<br>27.03.2026  | 10,00,000 |
| 732 | Effect of three months daily teriparatide injection in osteoporotic intertrochanteric fractures: A Randomized Controlled Trial  | Dr. Kumar Keshav<br>Orthopaedics, ATC                        | 28.03.2024 to<br>27.03.2026  | 9,95,000  |
| 733 | Familial hypercholesterolemia: Clinical and genetic profiling of patients with hypercholesterolemia in North-Indian population  | Dr. Roopali Khanna<br>Cardiology                             | 28.03.2024 to<br>27.03.2026  | 9,90,000  |
| 734 | Comparison of the Post-operative pain and its association with interleukins with or without classical Thoracolumbar inter-fascial plane block in Lumbar spine surgeries: A Prospective Double-Blinded Randomized Controlled Trial | Dr. Ruchi Verma<br>Anaesthesiology                           | 28.03.2024 to<br>27.03.2026  | 5,20,000  |
| 735 | Effect on Platelet function in ABO mismatched platelet transfusions   | Dr. Bharat Singh<br>Transfusion Medicine                     | 28.03.2024 to<br>27.03.2026  | 9,69,336  |
| 736 | Comparison of different against on Platelets (SDP) activation and their effect on Platelet derived Exosomes (p-Exos)  | Prof. Atul Sonkar<br>Transfusion Medicine                    | 28.03.2024 to<br>27.03.2026  | 8,76,000  |
| 737 | Investigating the RPTOR gene protein expression as a function of epigenetic regulation in Gastric Adenocarcinoma  | Dr. Raghvendra L<br>Pathology                                | 28.03.2024 to<br>27.03.2026  | 9,94,801  |
| 738 | An increased expression of P-Glycoprotein (P-gp) in peripheral blood Th17/Th17.1 cells and liver infiltrating mononuclear cells, a risk factor of therapeutic failure in autoimmune hepatitis                                     | Dr. Neha Nigam<br>Pathology                                  | 28.03.2024 to<br>27.03.2026  | 9,90,000  |
| 739 | Development and designing of a new Supraglottic airway device   | Dr. Ashish K Kannaujia<br>Anaesthesiology                    | 15.05.2024 to<br>14.05.2026  | 10,00,000 |
| 740 | Evaluation of SNEDDS-Loaded PDE5i affecting chondroproyective and chondrode generative genes expression   | Prof. Vikas Agarwal<br>Clinical Immunology &<br>Rheumatology | 15.10.2024 to<br>14.10.2026  | 10,00,000 |
| 741 | Clinical correlation of NETosis in sepsis and septic shock: An observational study in critically ill patients   | Dr. Jitendra Singh Chahar<br>C.C.M.                          | 15.10.2024 to<br>14.10.2026  | 10,00,000 |
| 742 | Impact of Frailty and Sarcopenia on Patient Outcomes in Acute on Chronic Liver Failure  | Dr. Surendra Singh<br>Hepatology                             | 15.10.2024 to<br>14.10.2026  | 10,00,000 |
| 743 | Preference, compliance, and serological immune response of standard and accelerated hepatitis B vaccination regimens  | Prof. Amit Goel<br>Hepatology                                | 15.10.2024. to<br>14.10.2026 | 10,00,000 |

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| 744 | Accuracy and predictability of 3 D printed template- based titanium mesh in the restoration of Orbital volume in unilateral complex orbital wall fracture               | Dr. Kuldeep Vishwakarma<br>A.T.C (Oral & Maxillofacial Surgery) | 15.10.2024 to 14.10.2026 | 7,41,626  |
| 745 | Assessment of in vitro quality and haemostatic efficacy of cold and delayed cold stored platelet concentrates at 4 C for 21 days  | Prof. Priti Elhence<br>Transfusion Medicine                     | 15.10.2024 to 14.10.2026 | 10,00,000 |
| 746 | Metabolomic profiling for identification of novel biomarkers related to accelerated bone healing in patients with traumatic brain injury                                | Dr. Awale Rupali B.<br>Laboratory Medicine, ATC                 | 15.10.2024 to 14.10.2026 | 9,98,000  |
| 747 | To identify the genetic basis of Parkinson's disease and its functional evaluation in the pathogenesis of parkinson's disease   | Dr. Ruchika Tandon<br>Neurology                                 | 15.10.2024 to 14.10.2026 | 10,00,000 |
| 748 | Unilateral Triportal Endoscopy (UTE): Advancing Minimally Invasive Techniques for intradural Spinal Tumor Resection, a cadaveric feasibility study                      | Dr. Ashutosh Kumar<br>Neurosurgery                              | 15.10.2024 to 14.10.2026 | 5,70,000  |
| 749 | Genome-wide transcriptome analysis and its correlation with phenotype in hepatic Wilson disease   | Dr. Moinak Sen Sarma<br>Pediatric Gastroenterology              | 15.10.2024 to 14.10.2026 | 10,00,000 |
| 750 | Role of high-resolution NMR based metabolomics to distinguish between active and latent tuberculosis infection  | Prof. Alok Nath<br>Pulmonary Medicine                           | 15.10.2024 to 14.10.2026 | 10,00,000 |
| 751 | Thrombophilic disorders in children with Budd Chiari syndrome-prevalence, nature and effect on clinical presentation and response to treatment                          | Prof. Anshu Srivastava<br>Pediatric Gastroenterology            | 15.10.2024 to 14.10.2026 | 10,00,000 |
| 752 | Role of Multi-parametric MRI in Prediction of Response to Neoadjuvant Chemotherapy in Patients of Triple Negative Breast Cancer   | Dr. Asmita<br>Radiodiagnosis                                    | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 753 | Global coagulation assessment using point of care viscoelastic assay in traumatic injury patients with sepsis   | Dr. Awale Rupali Bhalchandra<br>Laboratory Medicine, ATC        | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 754 | Molecular sub-grouping of medulloblastoma: correlation with clinical and histological features  | Dr. Shreyash Rani<br>Neurosurgery                               | 25.03.2025 to 24.03.2027 | 9,86,000  |
| 755 | Clinical, radiological, histological, immunochemistry and molecular characterization of pediatric diffuse low-grade glioma and its application in molecular subgrouping | Dr. Soumen Kanjilal<br>Neurosurgery                             | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 756 | Iodotyrosine-Deiodinase expression in patients with thyroid neoplasms-a prospective case control study  | Prof. Preeti Dabadghao<br>Endocrinology                         | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 757 | Bone health assessment in transfusion dependent thalassemia   | Prof. Preeti Dabadghao<br>Endocrinology                         | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 758 | Early paracentesis in moderate to severe acute pancreatitis with ascites (EPISAP trial): a randomized controlled trial  | Dr. Anshuman Elhence<br>Gastroenterology                        | 25.03.2025 to 24.03.2027 | 7,51,068  |
| 759 | To examine the role of DEAD-box helicases in exosomal packaging of miRNAs in kidney disease   | Dr. Ravi Shankar Singh<br>Molecular Medicine & Biotechnology    | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 760 | Analysis of microbiota dysbiosis and metabolomic profiling in kidney stone patients and healthy controls  | Dr. Naveen K Gautam<br>Urology & Renal Transplantation          | 25.03.2025 to 24.03.2027 | 10,00,000 |
| 761 | Deep Immunophenotyping of Human Whole Blood in patients with Acute Kidney Injury,   | Prof. Narayan Prasad  | 25.03.2025 to            | 10,00,000 |



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|     | Acute Kidney Disease and Chronic Kidney Disease (AKI-AKD-CKD) conundrum   | Nephrology  | 24.03.2027                  |           |
| 762 | Development of a single viral vector platform for gene therapy  | Dr. Shudhanshu Yadav<br>SCRC Hematology                   | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 763 | Exploring the effect of Endocrine disruptive-chemicals (EDCs) on Neuro-endocrine functions and mRNA expression of PPARs in Patients with Fronto Temporal Dementia (FTD)   | Dr. B. Anjum Neurology                                    | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 764 | A Comparative analysis of Systemic Inflammatory response & postoperative outcomes in patients undergoing Conventional Vs Robotic Thyroidectomy  | Prof. Gyan Chand<br>Endocrine Surgery                     | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 765 | Understanding the epidemiology and antibiotic resistance determinants in multi-drug resistant clinical isolates of Clostridium difficile  | Dr. Awadhesh Kumar<br>Microbiology                        | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 766 | Evaluation of 5HT2B/ERK/STAT3 pathway in abrogation of fibrogenic potential of LX2 cells and HSCs derived from patients undergoing partial hepatectomies  | Dr. Supriya Sharma<br>Surgical Gastroenterology           | 25.03.2025 to<br>24.03.2027 | 9,99,000  |
| 767 | Evaluation of accuracy of novel biomarkers for prognosis in Biliary Atrisia, post-kasai portotomostomy (KPE) by correlating with elastography and liver Biopsy  | Dr. V.D. Upadhyay Ped.<br>Surg. Super Specialties         | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 768 | To investigate the association of GWAS high risk variants with Renal Cell Carcinoma   | Dr. Uday P Singh<br>Urology & Renal<br>Transplantation    | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 769 | Effect of Graft CD34+Cell Subsets on the Engraftment in Hematopoietic Stem Cell Transplantation   | Dr. Naresh Kumar<br>Tripathy<br>Hematology                | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 770 | Identification of pathogenic genetic variants through whole exome sequencing and its functional implications in diabetic nephropathy in North Indian Cohort   | Dr. Sanchit Rustagi<br>Urology & Renal<br>Transplantation | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 771 | Effect of Perioperative Levels of Nutrition and Inflammatory markers (IL-Prognostic Nutrition Index, CRP-Albumin Ratio, Neutrophil Lymphocyte Ratio) on the incidence of Post-Operative Delirium in Elderly patients undergoing Hip fracture surgery under Spinal Anaesthesia-A Prospective Cohort Analysis | Dr. Vansh Priya<br>Anaesthesiology                        | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 772 | Functional Characterization of Splice Site Variants in Osteogenesis Imperfecta using Minigene Assays  | Dr. A. Haseena Medical<br>Genetics                        | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 773 | Comparative analysis of IUGR-associated mitochondrial proteome in early pregnancy   | Dr. Suman Mishra<br>Molecular Medicine &<br>Biotechnology | 25.03.2025 to<br>24.03.2027 | 10,00,000 |
| 774 | To explore feasibility of a “Limited MRI protocol” as a regular imaging modality in patients with Acute Pancreatitis at Tertiary Care Level   | Dr. Anil K Singh<br>Radiodiagnosis                        | 25.03.2025 to<br>24.03.2027 | 6,96,250  |
| 775 | Scrub typhus fever and associated encephalitis in a tertiary care hospital  | Dr. Anju Dinkar<br>Microbiology                           | 25.03.2025 to<br>24.03.2027 | 9,99,000  |
| 776 | To predict the clinic-radiological progression and short-term outcome in patients sustaining traumatic brain injury (contusion) using artificial Intelligence as a prognostic model   | Dr. Ved Prakash Maurya<br>Neurosurgery                    | 25.04.2025 to<br>24.04.2027 | 3,12,000  |