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| **Sr. No** | **NRPU 2021 Project No.** | **Research Title** | **PI** | **UHS Department** | **Funds Required** | **Research Type** |
| 1 | 19727 | In vivo efficacy of Magnetite (Fe3O4) nanoparticles in a mouse model of multidrug-resistant Acinetobacter baumannii pneumonia | Dr. Muhammad Imran | Microbiology | PKR 6,602,882 | Applied |
| 2 | 20256 | Genetic Landscape of Acute Lymphoblastic Leukemia: Development of comprehensive genomic Profiling assay to cater local clinical needs. | Dr. Muhammad Asif Naveed | Haematology | PKR 14,433,909 | Basic |
| 3 | 18966 | Genetic and Biochemical Characterization of the MRN Complex in Pakistani Patients: A Novel Diagnostic Marker Development for Breast Cancer | Dr. Aisha | Biochemistry | PKR 4,780,188 | Basic |
| 4 | 18458 | Development of indigenous region-specific Pak-Filer Forensic STR Kit. | Dr. Allah Rakha | Forensic Sciences | PKR 16,927,049 | Applied |
| 5 | 20595 | Molecular characterization of Inherited Growth Hormone Disorders for genetic testing. | Dr. Munir Ahmad | Human Genetics & Molecular Biology | PKR 11,019,331 | Applied |
| 6 | 19841 | Frequency of Th17 cell, cytokine levels, and their genetic variants in Guillain-Barre syndrome | Dr. Romeeza Tahir | Immunology | PKR 9,173,248 | Basic |
| 7 | 20510 | Molecular docking and Nano based drug delivery of Sulfonyl hydrazone derivative and Aspirin against Triple Negative Breast Cancer (TNBC) to observe their synergistic antiproliferative effect by conducting in-vitro and in-vivo studies | Dr. Usman Aftab | Pharmacology | PKR 3,029,107 | Applied |
| 8 | 20057 | Identification of single nucleotide variants to develop genetic biomarkers and identify potential drug targets for Alzheimer’s disease. | Dr. Midhat Salman | Forensic Sciences | PKR 19,757,241 | Basic |
| 9 | 19326 | Reconstruction of Diaphyseal Critical Bone Defect using Removable Titanium Mesh Cage Loaded with Enriched Bone Substitute | Dr. Uruj Zehra | Anatomy | PKR 8,376,055 | Basic |
| 10 | 20261 | Suppression of Cytokine Storm, Airway Inflammation and Lung Remodelling by Exogenous microRNAs. | Dr. Muhammad Shahzad | Pharmacology | PKR 6,755,850 | Basic |
| 11 | 21008 | Functional role of selected adipokines, cytokines and gastrointestinal hormones and exploring their relation with expression of CEACAM 1&2 genes in progression of liver disorders in diabetes patients from Pakistan | Dr. Farhat Bano | Biochemistry | PKR 3,813,240 | Basic |