

PROJECTS UNDER RESEARCH & DEVELOPMENT FUNDED BY EFS (COMPLETED)

Rs. in million

Project Code	Sr. #	Title of the Project/Location	Name of the PI	Duration	Date of Execution	Approved budget
RD001	1.	Project Coordinator of Dengue Research Program	Prof. Dr. Saiyed I. Ahmad Institute of Microbiology, UAF	7-Months	01.12.2011	1.53
RD002	2.	Molecular Basis of Dengue Hemorrhagic Fever Pathophysiology through Gene-Networking	Dr. Junaid Ali Khan Department of Physiology & Pharmacology, UAF	7-Months	01.12.2011	1.50
RD003	3.	Molecular Characterization of Dengue-Disease related Viruses from Pakistan	Dr. M. Shah Nawaz-ul-Rehman CABB, UAF	7-Months	01.12.2011	2.00
RD004	4.	The Quantification of Different Serotypes of Dengue Virus Titre Using Real Time PCR in Patients Showing Variable Symptoms to Study the Disease-Titre relationship	Dr. M. Mubin CABB, UAF	7-Months	01.12.2011	0.50
RD005	5.	Molecular Detection of Dengue Virus Occurring among Different Mosquito Populations in some Districts of Punjab	Prof. Dr. Sajjad-ur-Rehman Institute of Microbiology, UAF	7-Months	01.12.2011	0.50
RD006	6.	Elucidation of Envelope Protein Domain III Consensus Sequence for the Further Development of Tetravalent Dengue Virus Subunit Vaccine using Transgenic <i>E.coli</i>	Dr. M. Khalid Mansoor Institute of Microbiology, UAF	7-Months	01.12.2011	0.50
RD007	7.	Whole-Genome Sequencing of Local Dengue Virus Strains in Pakistan	Dr. Mehdi Toufeer Institute of Microbiology, UAF	7-Months	01.12.2011	0.50
RD008	8.	Management of Dengue Virus and Malarial Vector Control through Biomoskill	Prof. Dr. Sajjad-ur-Rehman Institute of Microbiology, UAF	7-Months	01.12.2011	0.70
RD009	9.	Efficient use and Safety of Bacillus Pathogens as Vector Control for Effective Dengue Fever Prevention	Dr. Iram Liaqat/Prof. Dr. Saiyed I. Ahmad Institute of Microbiology, UAF	7-Months	01.12.2011	0.50
RD010	10.	Micropropagation and Commercial Exploitation of Papaya (<i>Carica papaya</i>): A Potential Candidate for Dengue Fever Treatment	Dr. Bushra Sadia CABB, UAF	7-Months	01.12.2011	1.00
RD011	11.	Wolbachia Bacteria-based Dengue Control	Prof. Dr. Iftikhar Hussain Institute of Microbiology, UAF	7-Months	01.12.2011	0.50
RD012	12.	Epidemiology of Recent Epidemic of Dengue Fever in Pakistan	Prof. Dr. M. Arshad Institute of Microbiology, UAF	7-Months	01.12.2011	0.30
RD013	13.	Botanicals: An Alternative Approach for the Vector Management	Dr. Khurram Zia Department of Entomology, UAF	7-Months	01.12.2011	0.50
RD014	14.	Varietal Identification and Purity Checking of Wheat Cultivars/Hybrids through PCR Based DNA Fingerprinting	Dr. Zulfiqar Ali Department of PBG, UAF	1-Year	01.01.2015	1.948
RD015	15.	Antibiotic Resistance Profiling of Salmonella Serovars Isolated from local Poultry Farms	Dr. Aamir Ali NIBGE, Faisalabad	2-Years	01.01.2015	1.984
RD016	16.	In-Vivo Safety Evaluation of Synthetic Food Coloring Compounds	Dr. Zulfiqar Ahmad University College of Agriculture & Environmental Sciences, The Islamia University of Bahawalpur, Bahawalpur	2-Years	01.03.2015	0.688

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RD017	17.	Establishment of Cotton Wild Species Living Herbarium for Demonstration and Research Purpose	Dr. Amir Shakeel Department of PBG, UAF	3-Years	15.03.2015	0.857
RD018	18.	Refusal of Cottonseed Cake by the Ruminant Livestock: is Bt-Cotton the Culprit	Dr. Iqrah Ahmad Rana CABB, UAF	1-Year	01.04.2015	1.283
RD019	19.	A Clinical Study to investigate the Liver Specific microRNAs as Non-Invasive Biomarkers of Hepatitis: A Novel Diagnostic Tool	Dr. Muhammad Imran Arshad, Assistant Professor, Institute of Microbiology, UAF	2-Years	01.03.2016	1.108
RD021	20.	Development of a local and sustainable potting substrate for containerized nursery production	Dr. Iftikhar Ahmad Asstt, Professor, Inst. IHS, UAF	3 Years	15.10.16	3.068
RD022	21.	Identification of Lytic Phages and Cloning Lytic Enzymes Against Multidrug Resistant Staphylococcus Aureus From Mastitis Cases.	Dr. M. Aamir Aslam, Assistant Professor, Inst. of Microbiology, UAF	2 Years	01.02.17	1.501
RD023	22.	Evaluation of Dietary Probiotics and Zinc for Production of Antimicrobial Residue-free Broiler Meat in Heat Stressed Broilers	Dr. Hafsa Zenab, Associate Professor. Deptt. of Anatomy & Histology, UVAS, Lahore	1 Year	01.02.17	0.643
RD024	23.	Evaluation of Novel Inoculants of plant Growth Promoting Rhizobacteria for Biofortification of Cereals	Dr. Maqshoof Ahmad, Lecturer, Deptt. of Soil Science, Univ. College of Agri. & Envir. Sciences, Islamia University of Bahawalpur.	2 Years	01.02.17	0.768
RD025	24.	Evaluation of Cell Mediated Immune Responses (CMI) as a Diagnostic Marker for Field Diagnosis of Latent Bovine Brucellosis	Dr. Al-Hafizah Shafia Tehseen Gull, Assistant Professor, Deptt. of Pathology, UAF	2 Years	01.02.17	3.043
RD026	25.	Synthesis, Characterization and Applications of Nanomaterials to Inhibit the Growth of Bacteria	Dr. M. Yaseen, Assistant Professor, Deptt. of Physic, UAF	1 Year	01.02.17	0.384
RD027	26.	Epidemiology and Characterization of Bacterial Pathogens Associated with Epizotic Ulcerative Syndrome (EUS) and Motile Aeromonas Septicemia (MAS) from Pakistani Farmed Fish	Dr. Shahzad Ali, Assistant Professor, Faculty of Fisheries and Wildlife, UVAS, Lahore	2 Years	01.02.17	0.822
RD030	27.	Development of Innovative Jujube, Peach and Guava Products and Capacity Building Under Public Private Partnership Mode	Dr. Muhammad Inam-ur-Raheem, Assistant Professor, National Institute of Food Science and Technology, UAF	2 Years	01.01.20& revise 01.07.20	2.022
RD031	28.	Effect of B-Galacto-oligosaccharides on Muscle, Bone and Gut Development of Physiologically Stressed Broilers	Dr. Hafsa Zaneb, Department of Anatomy & Histology, UVAS, Lahore	1 Year	01.01.20 & revise 01.07.20	1.44
RD032	29.	Study of Cellular Cannibalism (Entosis) in Tumors of Animal Origin	Dr. Syed Qasim Raza, Assistant Professor, University of Veterinary and Animal Sciences, Lahore	2 Years	01.01.2020 & Revise 01.07.2020 & 01.10.2020	1.323

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RD033	30.	Exposure Assessment of Infants to Aflatoxin M1 Through Consumption of Breast Milk and Its Association with Nutritional and Socioeconomic Status of Lactating Mothers	Dr. Azmat Ullah, Assistant Professor, Department of Food Science & Human Nutrition, UVAS, Lahore	18 Months	01.01.20 & Revise 01.07.20	1.146
RD034	31.	Utilization of Vegetable Waste to Produce Antioxidants Enriched Poultry Meat and Eggs	Dr. Jibrán Hussain, Assistant Professor, Department of Poultry Production, University of Veterinary & Animal Sciences, Lahore, Ravi Campus, Pattoki	2 Years	01.01.2020 & 01.10.2020	1.179
RD035	32.	Local Development of Micro Plot Seeder for Improving Efficiency of Agricultural Experiments	Dr. Umair Sultan MNS- University of Agriculture, Multan	2 Years	01.07.20	2.302
RD036	33.	Development and Dissemination of Meat Type Japanese Quail Breed to Counter Malnutrition among Rural Women and Children.	Dr. Umar Farooq, Assistant Professor, UAF Sub Campus Toba Tek Singh	2 Years	01.01.2020	1.385
RD037	34.	Molecular Detection, Pathobiology and Immunoprophylaxis of Fowl Typhoid in Commercial Poultry (broiler & breeder flock)	Dr. Farzana Rizvi, Associate Professor, Department of Pathology, UAF	2 Years	01.07.20	1.89
RD039	35.	Detection of novel coronavirus (nCoV-19) by real-time RT-PCR	Dr. Mashkoor Mohsin Gilani, Assistant Professor, Inst. of Microbiology, UAF	6 Months	15.05.2020	1.974