Details of assets acquired out of DBT grant

The following equipment was purchased with financial assistance from the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, under the projects listed below and implemented at NABI during the respective periods indicated:

(Financial figures are shown in lakhs) es are shown in lakhs)

S. No	Name of Equipment (s)/ Asset(s) Acquired	Quantity Procured	Actual Cost	Title of the Project	Name of the PI	Project Period
1	Workstation	2	9.98000	Genome and transcriptome sequencing of aromatic rice from North Eastern region	Dr. Joy Kumar Roy	19.10.2016 to 18.04.2020
2	Printer as Accessory for Rodent behaviour system	1	0.13700	Ketogenic Diet Approach to Reverse Sexually dimorphic Neuroimmune, Neurovascular and Neurobehavioral Response to Chronic Sugar Withdrawal	Dr. Mohit Kumar	01.10.2021 to 31.03.2025
3	Desktop Computer as accessory for Rodent behaviour system	1	0.96034			
4	Multiple unit open field enclosure conditional place preference test unit as part of Rodent behaviour mazes and analysis	1	0.94369			
5	micromotor high speed drill bits and drill holder as accessory	1	1.53825			
6	Compact Digital Stereotaxic /Anesthetic Assembly with Surgical Dissection Microscope	1	6.02123			
7	Refrigerator micro centrifuge	1	3.00	Targeting Vacuolar Phosphate Transporter (SPX-MFS) genes for improving Phosphate Use Efficiency (PUE) in rice	Dr.Ajit Pal Singh	01.10.2021 to 31.03.2025
8	4-degree refrigerator	1	0.46			
9	20-degree refrigerator	1	0.66			
10	Benchtop analytical weight balance	1	0.78			
11	Benchtop PH Meter	1	0.30			
12	Handheld PH meter	1	0.12			
13	Hot Plate with magnetic stirrer	1	0.42			
14	laptop with bag	1	0.80			
15	Laminar air flow	1	2.20			
16	Protein transfer module	1	0.83			
17	Barnes maze and rotarod apparatus for rats as part of Animal Trait Analysis System	1	1.68150	Unraveling epigenetic mechanisms triggering cognitive dysfunction in hepatic encephalopathy-Role of neutraceuticals	Dr. Aanchal Aggarwal	01.10.2021 to 31.03.2025
18	Anymaze Animal Behaviour Tracking Software as part of Animal Trait Analysis system	1	5.41954			
19	Dell laptop as accessory with Animal Trait Analysis System		0.79999			
20	-20 degree C Deep refrigerator	1	0.42716			
21	Western Transfer assembly with electrophoresis unit and accessories	1	1.65200			

22	Laboratory Fume Hood	1	4.57978	A multi-omics approach to investigate the oral and gut microbiome across fermented food consuming ethnic population of Sikkim linking to immunomodulation and Helicobacter pylori infection	Dr Srichandan Padhi	01.10.2021 to 31.03.2025
23	pH Meter	1	0.69999			
24	Weighing Balance	1	1.00000			
25	Bioprep LCD Electric Operated Tissue Homogenizer	1	3.72000			
26	Desktop Computer	1	0.87885	Encapsulation of anthocyanin from colored wheat for food and nutraceutical application	Dr. Maninder Meenu	01.10.2021 to 19.06.2024
27	Workstation	1	3.98950			
28	Convection Oven	1	0.64800			
29	Microwave Oven	1	0.24989			
30	Stand for laboratory	3	0.31329			
31	RO water purify	1	0.17700			
32	Roti Maker	1	0.57990			
33	Induction Heater	2	0.07190			
34	2 Burner Gas Stove	1	0.02500			
35	Grinder	1	0.29057			
36	Hand Blender	3	0.08921			
37	Electric Steamer Pot	5	0.20900			
38	Mixer Grinder	1	0.11850			
39	Juicer Mixer	2	0.10230			
40	Retort, Vacuum packing system	1	0.37260			
41	Dissecting Microscope	1	5.75250	Investigating the genetic basis of variation in yield and grain nutrient profile in rice under elevated day and night temperature	PI Dr. Rajeev Bahuguna Co-PI Dr. Sivasubramanian Rajarammohan	11.09.2024 to 10.09.2027
42	Deep Freezer (-80 degree)	1	8.92625			