

R&D Project Proposal

Financial Year: 2022-2023

BCSIR, Dhanmondi, Dhaka

Date: _____

Name of the Institute: Biomedical and Toxicological Research Institute (BTRI), BCSIR, Dhaka

Sl. No.	Unit Code	Title of the Project/ Name of Project Leader (PL) & Research Associates	Project Duration	Budget (Tk.)	Year wise Budget (Tk.)			Remarks/ Comments
					1 st (2022-2023)	2 nd (2023-2024)	3 rd (2024-2025)	
31	BTRI-01	<i>Ophiorrhiza species (Ophiorrhiza harrisiana, Ophiorrhiza mungos, Ophiorrhiza pumila)</i> in Myocardial Infarcted Long-Evans Rats and Pinpointing Cardioprotective and Anti-COVID Potentials Through ACE Enzymes Related Gene Expression (ACE1 @ ACE2) 1. Amdadul Huque, SSO, (PL) 2. Md. Abdurrahim, SSO 3. Md. Tazinur Rahman, SO 4. Nusrat Jahan, SO 5. Samina Yesmin, SO 6. Dr. Dipa Islam, SSO	July 2022- June 2024	10.00 Lac	5.36 Lac	4.64 Lac	-	
32	BTRI-02	<i>In vivo</i> study of carminative properties of betel leaf (<i>Piper betle</i> Linn.) 1. Smaina Akhter, SO (PL) 2. Evana Parvin Lipy, SSO 3. Dipankar Chandra Roy, SSO 4. Md. Abdurrahim, SSO 5. Md. Tazinur Rahman, SO 6. Dr. Ashish Kumar Sarkar, CSO & Director (Addi. Charge) 6. Dr. Md. Nazrul Islam Bhuyian, PSO, IFST	July 2022- June 2025	7.90 Lac	3.20 Lac	4.10 Lac	0.60 Lac	
33	BTRI-03	The Effects of <i>Adhatoda vasica</i> Extract on Gouty arthritis & Hyperuricemia 1. Rehnuma Tasmiyah Chowdhury, SSO (PL) 2. Dipankar Chandra Roy, SSO 3. Dabashes Adhikery, SO 4. Hajara Akter, SO 5. Md. Tazinur Rahman, SO 6. Dr. Md. Nazrul Islam Bhuyian, PSO, IFST	July 2022- June 2025	5.00 Lac	1.35 Lac	2.55 Lac	1.10 Lac	
34	BTRI-04	Green synthesis of metal oxide nanoparticles to assess their potential antimicrobial activity 1. Fariha Chowdhury, SO (PL) 2. Hajara Akter, SO 3. Dr. Dipa Islam, SSO 4. Mahmuda Hakim Silvi, SSO 5. Mashrafi Bin Mobarak, SO, IGR CRT	July 2022- June 2024	5.00 Lac	1.60 Lac	3.40 Lac	-	
35	BTRI-05	Anti-diarrheal effect of Food Products prepared from different fruits (<i>Trapa natan, Psidium guavajam, Punica granatum, Musa paradisiacal</i>) 1. Trisha Paul, SO (PL) 2. Dr. Dipa Islam, SSO 3. Mustafizur Rahman Naim, SO 4. Tazinur Rahman, SO	July 2022- June 2024	5.00 Lac	1.50 Lac	3.50 Lac	-	