

Dr. Paramita Mandal,  
DBT - BIOCARE

Block 2, 6 Bih Floor,  
CGO Complex, Lodhi Road,  
New Delhi-110 003  
Dated: 20.09.2017

**ORDER**

Sanction of the President is hereby accorded, under Rule 48 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "**Identification of novel genetic and epigenetic regulators of aplastic anaemia**" for a period of 3 Year 0 Month at a total cost of Rs. **2319250** (Rupees Twenty Three Lakhs Nineteen Thousand Two Hundred and Fifty Only) on the terms and conditions detailed here under:

**2 The Project :**

**2.1 Title :** Identification of novel genetic and epigenetic regulators of aplastic anaemia

**2.2 Details of the Investigators:**

Dr. Paramita Mandal  
Assistant Professor  
Department of Zoology  
University of Burdwan-713104

**Co-PI:**

Dr. Anupam Basu  
Associate Professor  
Department of Zoology  
University of Burdwan

*Govt*

### 2.3 Objectives:

1. Analyse telomere length in Indian aplastic anaemia patients compared to age matched control samples.
2. To determine if individuals with acquired aplastic anaemia have differential gene expression in the telomere length maintenance pathway compared to healthy controls which predispose to irreversible telomere shortening.
3. To determine whether the differential gene expression is modulated by the differential DNA methylation pattern among these individuals compared to healthy controls.
4. Correlation of differential gene expression and methylation status with the telomere length and clinical parameters of the patients.

### 2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order

### 2.5 Project Cost:

The total cost of the project is Rs. 2319250/- (Rupees Twenty Three Laks Nineteen Thousand Two Hundred and Fifty Only) as per details given below:

Budget Head	Year I	Year II	Year III	Total (Rs.)
Equipment	131250.00			131250.00
Manpower	216000.00	216000.00	216000.00	648000.00
Overhead	26000.00	26000.00	23000.00	75000.00
Contingency	5000.00	20000.00	20000.00	45000.00
Traves	5000.00	5000.00	10000.00	20000.00
Consumables	50000.00	50000.00	40000.00	140000.00
Total (Rs.)	883250.00	768000.00	668000.00	2319250.00

### 2.6 Equipment

The details of the equipment sanctioned for the implementation of the project at

Annexure-I

### 2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at

Annexure-II

### 2.8 Head of Account:

The Non-Recurring expenditure involved is debitable to:

*[Handwritten signature]*

**No. BT/PR18640/BIC/101/924/2016**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors)  
CGO Complex, Lodhi Road,  
New Delhi- 110 003

Date: 03.03.2021

**RELEASE ORDER**

In continuation of this Department's sanction order of even number dated 20.09.2017, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **1026617.00** (Rupees Ten Lakhs Twenty Six Thousand Six Hundred and Seventeen only) being the release of third year and manpower for extension period for the project entitled "**Identification of novel genetic and epigenetic regulators of aplastic anaemia**", being implemented by:  
Dr. PARAMITA MANDAL, Department of Zoology, The University of Burdwan, Golapbag Campus, Burdwan-713104.


The detailed break-up is as given below:

SN	Institute Name	Recurring						Total Release Amount (Rs)
		Manpower	Consumable	Travel	Contingency	Others	Overhead	
1	The University of Burdwan Bardhaman	575400.00	399229.00	9988.00	20000.00	0.00	22000.00	1026617.00
i) The competent authority has allowed to sum of Rs. of Rs.1671/- to be carried forward to the current financial year 2020-21, out of which interest earned of Rs.888/- has been remitted by the Institute to the Consolidated Funds of India through Bharatkosh vide receipt no.0112200005917. ii) The competent authority has approved the extension of project up to 19.03.2021 with additional cost under manpower head.								

2. The amount of **Rs.1026617.00/- (Rupees Ten Lakhs Twenty Six Thousand Six Hundred and Seventeen only)** will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

The Registrar, The University of Burdwan, The University of Burdwan, Rajbati, Bardhaman - 713104, West Bengal.

Bank Name : Bank of India  
Branch Name : Burdwan  
A/c No. : 420110100019490  
IFSC Code : BKID0004201  
MICR Code : 713013102

  
Dr. SNEH LATA SINGH  
Scientist 'C'  
Department of Biotechnology  
Govt. of India  
C.G.O. Complex, Lodhi Road  
New Delhi-110003



3. The expenditure involved is debitable to:

Demand No. 88	Department of Biotechnology
3425	Other Scientific Research 2020-2021
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

- The Registrar, The University of Burdwan, Bardhaman, West Bengal will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
- As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.
- No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
- The Institute/Agency will keep the whole of the grant in Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. **As per the provision contained in Rule 230(8) of GFR 2017, all interests/other earning occurred against Grants-in-aid shall be mandatory remitted to the Consolidated fund of India through the online portal [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in) only.**
- The other terms and conditions governing the financial sanction will remain unaltered.
- The utilization certificate for the financial year 2019-20 is enclosed herewith.
- This issues under the powers delegated to Divisional Head vide IFD order No, BT/04/2015-IFD dated 01.04.2019 and subsequently modified vide order of even number dated 10.05.2019. This has been noted in IFD at SAN No. **102/IFD/SAN/2698/2020-21** dated **02.03.2021**.
- This sanction order has been noted at serial no. **58** in the Register of Grants.

To

The Pay & Accounts Officer,  
Department of Biotechnology,  
New Delhi - 110 003.

  
(Sneh Lata Singh)  
Scientist 'C'

Dr. SNEH LATA SINGH  
Scientist 'C'  
Department of Biotechnology  
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