

No.: BT/HRD/TIF/09/08/2021-22
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110003

Dated: 25.09.2023

ADMINISTRATIVE ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project titled "**Studies on Development of Isoflavone fortified fruit based whey beverages**" being implemented by Dr. Hilal Ahmad Punoo, Assistant Professor, Deptt. Food Science and Technology, University of Kashmir Hazratbal, Srinagar -190006-J&K for a period of **3 years** at a total cost of Rs. **39,00,000/- (Rupees Thirty Nine Lakhs Only)** under the TATA Innovation Fellowship Program of DBT on the terms and conditions detailed here under: -

2. The Project

2.1. Title: Studies on Development of Isoflavone fortified fruit based whey beverages

2.2. Principal Investigator: Dr. Hilal Ahmad Punoo, Assistant Professor Deptt. Food Science and Technology, University of Kashmir Hazratbal, Srinagar

2.3. Objectives

- I. Formulation of fruit based soy whey beverage and Descriptive Sensory Analysis
- II. Physicochemical analysis and shelf life determination
- III. Effect of processing on stability of isoflavones. Rheological measurement and microstructure
- IV. Quantification of isoflavone and organic acids. Consumer study
- V. Evaluation of antioxidant potential
- VI. Determination of anti-proliferation activity

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. 39,00,000/- (Rupees Thirty Nine Lakhs Only)** as per details given below:

(In Rupees)

S. No.	Head	Budget			
		Year 1	Year 2	Year 3	Total Cost (Rs.)
1.	Fellowship @ Rs. 25,000/- P.M. X 12 Months = Rs. 3,00,000	3,00,000	3,00,000	3,00,000	9,00,000
2.	*Contingency @ Rs. 10,00,000 per annum	10,00,000	10,00,000	10,00,000	30,00,000
	Total	13,00,000	13,00,000	13,00,000	39,00,000

*The contingency grant may be utilized for the purchase of consumable, equipment, travel, engaging manpower and contingent expenditure to be incurred in connection with the implementation of the project.

3. Head of Account:

The Recurring (GIA General) expenditure involved is debitable to

Demand No. 90	Department of Biotechnology
3425	Other Scientific Research 2021-2022
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 to Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. Terms & Conditions:

4.1. The Institute/Agency may transfer funds to Holding accounts for statutory payments only for not more than 14 days. The interest earned (if any) should be remitted to the Consolidated fund of India through BharatKosh portal (www.bharatkosh.gov.in) as per GFR-2017-230(8) after finalization of the account for a given Financial Year.

4.2. A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in **Annexure-I**.

[Handwritten Signature]

4.3. In accordance with Rule 238(5) & 238(6) of GFR, 2017, the private institutes/ voluntary organizations which are receiving Grant-in-aid of Rs.50.00 lakh and above have to submit their Annual Reports and Annual Audited Accounts to the Department within 09 months of the close of the succeeding financial year.

4.4. No International Travel will be undertaken from the sanctioned grant.

4.5. The Dean Research, University of Kashmir Hazratbal, Srinagar would be responsible for submission of Utilization Certificates (UC), Statements of Expenditure (SoE), Capital Assets Acquired Certificates, in prescribed DBT formats to DBT in respect of grants released in this project from time to time.

4.6. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No.SR/S9/Z-08/2018 dated 30.01.2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.

4.7 As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations 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 Organizations is called upon to do so.

4.8. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org

4.9. "The PI/Implementing Agencies shall strictly adhere to the GoI instructions issued vide OM No.F.4.1.2021-PPD dated 30.6.2021 in the matter of issue of Global Tender Enquiry with special reference to instructions contained under para 4 of the said OM for procurement of equipments, spares and consumables for research purposes and shall not issue Global Tenders Enquiries before seeking the approval of the competent authority".

4.10. After incurring the expenditure on import of such items and at the time of submission of UCs to the department next year, the PI will also furnish the copy of the approval sought from the competent authority for issue of the GTE for such items of import. The release of next instalment of grant will be the subject to the fulfilment of the above condition."

4.11. If any biological data as specified in the guidelines are being generated in the project then PI should submit the data generated in the project to Indian Biological Data Centre – The National Repository being implemented at Regional Centre for Biotechnology, Faridabad in compliance with the Biotech-PRIDE Guidelines 2021.

5. This issues, under the power delegated to this Department and with the concurrence of IFD vide their SAN No.102/IFD/SAN/1509/2023-24 dated 25.09.2023.

6. This sanction order has been noted at serial no. 15 in the Register of Grants.

(Dr. Suraksha S. Diwan / डॉ. सुरक्षा एस. दीवान)

Scientist 'F' / वैज्ञानिक 'एफ'

डॉ. सुरक्षा एस. दीवान

Dr. Suraksha S. Diwan

वैज्ञानिक 'एफ' / Scientist 'F'

बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology

विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.

भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi – 110003

Copy to:

1. The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi-110002
2. The Dean Research, University of Kashmir Hazratbal, Srinagar-190006-J&K
3. Dr. Hilal Ahmad Punoo, Assistant Professor Deptt. Food Science and Technology, University of Kashmir, Hazratbal Srinagar-190006-J&K
4. CNA, National Institute of Immunology (NII), New Delhi
5. Cash Section, DBT (2 copies)
6. Sanction Folder
7. File Copy

(Dr. Suraksha S. Diwan / डॉ. सुरक्षा एस. दीवान)

Scientist 'F' / वैज्ञानिक 'एफ'

डॉ. सुरक्षा एस. दीवान

Dr. Suraksha S. Diwan

वैज्ञानिक 'एफ' / Scientist 'F'

बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology

विज्ञान और प्रौद्यो. मंत्रालय / M/o Science & Tech.

भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi