

No. BT/PR15422/MED/30/1705/2016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 29/12/2017

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 entitled: "**Identification, Design and Characterization of peptides to disrupt hADA3-E6 interaction for HPV induced cervical cancer therapy.**" for a period of 3 Year 0 Month at a total cost of Rs. **6433400** (Rupees Sixty Four Lakhs Thirty Three Thousand Four Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Identification, Design and Characterization of peptides to disrupt hADA3-E6 interaction for HPV induced cervical cancer therapy.**"

2.2 Details of the Investigators:

Prof. Alo Nag

Professor
Biochemistry
Delhi University, South Campus
Benito Juarez Marg, Dhaula Kuan,
New Delhi, South Delhi, Delhi,
110021

CO-PI:

Prof. Suman Kundu

Professor
Biochemistry
University of Delhi, South Campus
Benito Juarez Marg, Dhaula Kuan, New Delhi,
South Delhi - 110021, Delhi

Prof. Prahlad Chandra Ghosh

Professor
Biochemistry
University of Delhi, South Campus
UDSC
Benito Juarez Marg, South Delhi - 110021,
Delhi

2.3 Objectives:

1. Generation of peptides to compete with hADA3-HPV 16E6 interaction
2. Mapping of hADA3 domains for E6 and E6AP binding
3. Selection of peptides that can disrupt hADA3-E6 interaction and block HPV mediated degradation of hADA3 in cervical cancer cells
4. Assessment of anti-cancer properties of the peptides in cervical cancer cells

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. **6433400/-** (Rupees Sixty Four Lakhs Thirty Three Thousand Four Hundred Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total(Rs.)
Equipment	725000.00			725000.00
Manpower	577200.00	577200.00	624000.00	1778400.00
Consumables	1200000.00	1200000.00	1200000.00	3600000.00
Contingency	30000.00	30000.00	30000.00	90000.00
Travel	30000.00	30000.00	30000.00	90000.00
Overhead	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	2612200.00	1887200.00	1934000.00	6433400.00

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**

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2017-2018
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The **Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2017-2018
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-aid General

4. Terms & Conditions:

- In the event of the grantee failing to comply with the conditions or committing breach of the conditions of the bond, the signatories to the bond shall be jointly and severally liable to refund to the President of India, the whole or a part amount of the grant with interest at ten per cent per annum thereon or the sum specified under the bond. The stamp duty for this bond shall be borne by the Government.
- In case the whole or a part of the amount of the grant in aid is being refunded, an interest at the rate of ten percent per annum thereon shall be recovered.
- The Nonrecurring grant shall be utilised within 18 months of the release

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2A 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 by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

6. The Director, Delhi University, South Campus, New Delhi, Delhi would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
7. 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. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
8. 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.
9. If the Research Project involves biological resource, 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
10. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/3651/2017-2018** dated **December, 28 2017**.
11. This sanction order has been noted at serial no. 34 in the Register of Grants.


(Dr. Vamsi Krishna Addanki)
Scientist-D

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

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 The Director, Delhi University, South Campus, BENITO JUAREZ ROAD, New Delhi - 110021, Delhi
- 3 Prof. Alo Nag, Professor, Biochemistry, Delhi University, South Campus, New Delhi- 110021,
- 4 Prof. Prahlad Chandra Ghosh, Professor, Biochemistry, University of Delhi, South Campus, UDSC, Benito Juarez Marg, South Delhi - 110021, Delhi
- 5 Prof. Suman Kundu, Professor, Biochemistry, University of Delhi, South Campus, Benito Juarez Marg, Dhaula Kuan, New Delhi, South Delhi - 110021, Delhi
- 6 Cash Section, DBT (2 copies).
- 7 Sanction Folder.
- 8 File Copy.


(Dr. Vamsi Krishna Addanki)
Scientist-D

Annexure -I

Details of the Equipment sanctioned for the implementation of the project titled "**Identification, Design and Characterization of peptides to disrupt hADA3-E6 interaction for HPV induced cervical cancer therapy.**":

Delhi University, South Campus			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Electrophoresis Unit with all accessories	1	370000.00
2.	Pipetman sets	1	133000.00
3.	Double Tier Platform Shaker	1	173000.00
4.	Nutating Mixer	1	49000.00
Total			725000.00


(Dr. Vamsi Krishna Addanki)
Scientist-D

Annexure -II

Details of the manpower sanctioned for the implementation of the project titled "**Identification, Design and Characterization of peptides to disrupt hADA3-E6 interaction for HPV induced cervical cancer therapy.**":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
Junior Research Fellow JRF@25000/month plus 30% HRA	1	390000.00	390000.00		780000.00
Lab Technician LT@15600/month consolidated	1	187200.00	187200.00	187200.00	561600.00
Senior Research Fellow SRF@28000/month plus 30% HRA	1			436800.00	436800.00
Total(Rs.)		577200.00	577200.00	624000.00	1778400.00

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No.SR/S9/Z-09/2012 dated 21.10.2014.


(Dr. Vamsi Krishna Addanki)
Scientist-D