

No. BT/PR24531/NER/95/755/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Administrative
App. No. MED/2017/09

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 28 / 09 / 2018

ORDER

Decision of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers
and anti-thrombin peptides from Indian viper venom (Daboia russelii): Purification,
characterization and evaluation of its anti-thrombotic potential." for a period of 3 Year 0
month at a total cost of Rs. 6079600 (Rupees Sixty Lakhs Seventy Nine Thousand Six Hundred
only) on the terms and conditions detailed here under:-

The Project :

2.1 Title :

"Search for novel anti-platelet and anti-thrombin peptides from Indian
viper venom (Daboia russelii): Purification, characterization and evaluation
of its anti-thrombotic potential."

2.2 Details of the Investigators:

Project Coordinator

Dr. Robin Doley

Associate Professor

Department of Molecular Biology and Biotechnology

Tezpur University

Department of Molecular Biology and Biotechnology

Tezpur University, Tezpur, Assam, 784028

Principal Investigators:

Dr. Robin Doley

Associate Professor

Department of Molecular Biology
and Biotechnology

Tezpur University

Department of Molecular Biology
and Biotechnology

Tezpur University, Tezpur, Assam,
784028

Vandana

Prof. Mohammad Zahid Ashraf
Professor
Biotechnology
Jamia Millia Islamia
Jamia Nagar
New Delhi, South Delhi, Delhi,
110025

CO-PI:
Dr. Rupak Mukhopadhyay
Assistant Professor
Molecular Biology and Biotechnology
Tezpur University
Nappam
District Sonitpur, Tezpur Assam, - 784028,
Assam

Dr. Mansoor Ali Syed
U1
biotechnology
Jamia Millia Islamia
Room 415, Ramanujan Block, Mujeeb Bagh,
Jamia Nagar, Okhla, New Delhi, South Delhi -
110025, Delhi

2.3 Objectives:

Overall Objectives:

1. To isolate anti-platelet and anti-thrombin peptides from *Daboia russelii* venom.
2. To characterize the biochemical and biophysical properties of purified anti-platelet and anti-thrombin peptides.
3. To evaluate the antithrombotic potential of purified peptides using animal models of thrombosis.
4. To identify the molecular mechanism involved in antithrombotic potential of purified peptides using proteomics approach.

Institute wise Objectives:

Jamia Millia Islamia

1. To evaluate the antithrombotic potential of purified peptides using animal model of thrombosis.
2. To identify the molecular mechanism involved in antithrombotic potential of purified peptides using proteomics approach.

Tezpur University

1. To isolate anti-platelet and anti-thrombin peptides from *Daboia russelii* venom
2. To characterize the biochemical and biophysical properties of purified anti-platelet and anti-thrombin peptides

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Time Schedule:

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

Project Cost:

The total cost of the project is Rs. **6079600/-** (Rupees Sixty Lakhs Seventy Nine thousand Six Hundred Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Jamia Millia Islamia	650000	600000	450000	1700000
2. Tezpur University	2630000	880000	869600	4379600
Total (Rs.)	3280000	1480000	1319600	6079600

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Tezpur University				
Equipment	1500000.00			1500000.00
Manpower	330000.00	330000.00	369600.00	1029600.00
Contingency	50000.00	50000.00	50000.00	150000.00
Travel	50000.00	50000.00	50000.00	150000.00
Consumables	600000.00	350000.00	300000.00	1250000.00
Overhead	100000.00	100000.00	100000.00	300000.00
Total (Rs.)	2630000.00	880000.00	869600.00	4379600.00
2. Jamia Millia Islamia				
Manpower	0.00	0.00	0.00	0.00
Contingency	50000.00	50000.00	50000.00	150000.00
Travel	50000.00	50000.00	50000.00	150000.00
Overhead	50000.00	50000.00	50000.00	150000.00
Consumables	500000.00	450000.00	300000.00	1250000.00
Total (Rs.)	650000.00	600000.00	450000.00	1700000.00

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

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Head of Account:
Non-Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
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
3425.60.200.29.17.35	Grants for creation of capital assets

The Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
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

Terms & Conditions:

Additional Terms and Conditions, specific for Twinning R and D program for NER
a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating Institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER

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