



BIOTECH CONSORTIUM INDIA LIMITED

5th Floor, Anuvrat Bhawan, 210, Deen Dayal Upadhyaya Marg, New Delhi-110002
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March 14, 2017

BCIL/NER-BPMC/2017/164

The Finance Officer,
Chhatrapati Shahu Ji Maharaj University,
Kalyanpur, Kanpur-208024

Dear Sir/Madam,

Sub.: Release of grant to the implementing agency for the project entitled "An ethnobotanical survey of indigenous plants of Assam and Arunachal Pradesh and their pharmacological screening for antiulcer potential" under DBT's Program for the NE

As you may be kindly aware, the Department of Biotechnology (DBT), Government of India, has setup a North Eastern Region-Biotechnology Programme Management Cell (NER-BPMC) for promotion of Biotechnology in the North Eastern Region of India through Biotech Consortium India Limited (BCIL), a company promoted by the Department of Biotechnology.

We are happy to inform you that the above proposal submitted by your organization has been sanctioned by DBT. Please find enclosed herewith a copy of the Sanction Order No. BT/PR16665/NER/95/236/2015 dated February 13, 2017 of the DBT along with terms and conditions of the grant, format of UC/SE, format of asset acquired, format of memorandum of agreement, etc.

Our Accounts Division has transferred an amount of Rs. 7.66 lakhs as first year release towards implementation of the above project at your organization as per the following bank details:

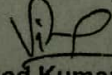
Account Holder's Name: Finance Officer, CSJM University, Kanpur
Bank name and address: Union Bank of India, Kanpur
Account No.: 349502050000123
IFSC code: UBIN0534951

We request you to please send the signed Memorandum of Agreement (MOA) which has to be executed on Rs. 100/- non-judicial stamp paper as per the format enclosed. You are also requested to send a signed copy of the terms and conditions of the grant. These signed documents may please be sent to Dr. T. Madhan Mohan, Adviser, Department of Biotechnology (DBT), Block No. 2, 7th Floor, CGO Complex, Lodi Road, New Delhi-110003 within a month's time from the date of release of funds to your organization, latest by April 14, 2017.

Kindly acknowledge the receipt.

Thanking you,

Yours faithfully


(Vinod Kumar)
Manager

CC for kind information to:

Dr. Prakash Chandra Gupta,
Assistant Professor,
University Institute of Pharmacy,
Chhatrapati Shahu Ji Maharaj University,
Kalyanpur, Kanpur-208024

Application No.: MAP/2015/35

File No. BT/PR16665/NER/95/236/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi - 110003
Dated: 13/2/2017

ORDER

In continuation of this department's sanction order of even number dated 13/2/2017, sanction of the President of India is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the release of first year grant of ₹ 7.66 Lakhs (Rupees Seven Lakhs and Sixty Six Thousand Only) to The Finance Officer, Chhatrapati Shahu Ji Maharaj University, Kanpur for the implementation of the project under 'DBT's Twinning Program for the NE' title "An ethnobotanical survey of indigenous plants of Assam and Arunachal Pradesh and their pharmacological screening for antiulcer potential" by Dr. Ashish Kar, The Energy and Resources Institute (TERI), Guwahati and Dr. Prakash Chandra Gupta, Chhatrapati Shahu Ji Maharaj University, Kanpur as per the details given below:

(₹ in lakhs)	
Heads	1 st Year
I. Non-Recurring (Equipments and accessories)	5.70
Sub Total- I	5.70
II. Recurring	
1. Manpower	0.96
2. Consumables	0.50
3. Travel	0.15
4. Contingency	0.15
5. Overhead charges	0.20
Sub Total- II (1-5)	1.96
GRAND TOTAL (I+II)	7.66

(Rupees Seven Lakhs and Sixty Six Thousand Only)

- The other terms and conditions governing the financial sanction will remain unaltered.
- The Non-recurring items must be procured and installed within 6 month period from the date of sanction.
- The account of the guarantee institution shall be open to inspection by the sanctioning authority/audit.

311-312

No. BT/PR25090/NER/95/1008/2017

Appl. No. MAP/2017/48

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 27/09/2018

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: **"Isolation and characterization of bioactive components from indigenous plants of NEH region for antiurolithiatic potential with standardized phytochemical and pharmacological parameters"** for a period of 3 Year 0 Month at a total cost of Rs. **7982800** (Rupees Seventy Nine Lakhs Eighty Two Thousand Eight Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Isolation and characterization of bioactive components from indigenous plants of NEH region for antiurolithiatic potential with standardized phytochemical and pharmacological parameters"

Details of the Investigations:

2.2

Project Coordinator

Dr. Arindam Barman
Assistant Professor
Department of Horticulture
North-Eastern Hill University, Tura Campus
Chandmari, Tura, Meghalaya, 794002

Principal Investigators:

Dr. Arindam Barman
Assistant Professor
Department of Horticulture
North-Eastern Hill University, Tura
Campus
Chandmari, Tura, Meghalaya,
794002

Dr. Prakash Chandra Gupta
Assistant Professor
University Institute of Pharmacy
Chhatrapati Shahuji Maharaj
University, Kalyanpur, Kanpur,
Uttar Pradesh, 208024

Generated through eProMIS

Vaishali

CO-P1:

Dr. Ashish Kar

Fellow

Environmental and Industrial Biotechnology
Division

The Energy and Resources Institute (TERI)

Chachal, Express Highway, Hengrabari,

Guwahati, Assam - 781036,

Dr. DHRITI BRAHMA

Associate Professor

Department of Pharmacology

NORTH EASTERN INDIRA GANDHI REGIONAL

INSTITUTE OF HEALTH MEDICAL SCIENCES

Officer and In-charge of MCH, Office of the

District Medical & Health Officer,

Ri-Bhoi District, UMIAM - 793012, Meghalaya

Dr. Amarta Kumar Pal

Assistant Professor

Department of Chemistry

North Eastern Hill University,

Meghalaya, Shillong - 793022, Meghalaya

Dr. NISHA SHARMA

Associate Professor

University Institute of Pharmacy

Chhatrapati Shahuji Maharaj University,

Kalyanpur, Kanpur

Uttar Pradesh - 208024,

Mr. Nikunj Sethi

Assistant Professor

University Institute of Pharmacy

Chhatrapati Shahuji Maharaj University, Kanpur

Kalyanpur, Kanpur, Kanpur

Uttar Pradesh - 208024,

Vandana

2.3 Objectives:

Overall Objectives:

1. Ethnobotanical survey for antiurolithiatic plant species from NE India and identification and collection of antiurolithiatic plants and primary processing
2. Extraction, isolation, purification and characterization of bioactive compound
3. Pharmacognostic and physicochemical analysis of selected plants for antiurolithiatic activity
4. Phytochemical investigation and development of HPTLC fingerprinting profile of extract/active fraction(s)
5. Screening of anti-lithiatic activity of selected plants
6. Development of antiurolithiatic herbal formulation

Institute wise Objectives:

Chhatrapati Shahuji Maharaj University, Kanpur

1. Pharmacognostic and physicochemical analysis of selected plants for antiurolithiatic activity
2. Screening of anti-lithiatic activity of selected plant
3. Development of Anti urolithiatic herbal formulation

North-Eastern Hill University, Tura Campus

1. Ethnobotanical survey for antiurolithiatic plant species from NE India and identification and collection of antiurolithiatic plants and primary processing
2. Extraction, isolation, purification and characterization of bioactive compound
3. Phytochemical investigation and development of HPTLC fingerprinting profile of extract/active fraction(s)

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. **7982800/-** (Rupees Seventy Nine Lakhs Eighty Two Thousand Eight Hundred Only) as per details given below :

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Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Chhatrapati Shahuji Maharaj University, Kanpur	960000	710000	753200	2423200.02
2. North-Eastern Hill University, Tura Campus	3760000	880000	919600	5559600
Total (Rs.)	4720000	1590000	1672800	7982800.02

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. North-Eastern Hill University, Tura Campus				
Equipment	2880000.00			2880000.00
Manpower	330000.00	330000.00	369600.00	1029600.00
Consumables	400000.00	400000.00	400000.00	1200000.00
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
Total (Rs.)	3760000.00	880000.00	919600.00	5559600.00
2. Chhatrapati Shahuji Maharaj University, Kanpur				
Equipment	350000.02			350000.02
Manpower	360000.00	360000.00	403200.00	1123200.00
Consumables	100000.00	200000.00	200000.00	500000.00
Travel	50000.00	50000.00	50000.00	150000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Overhead	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	960000.02	710000.00	753200.00	2423200.02

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