

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH EXTRAMURAL RESEARCH DIVISION CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 37(1682)/17/EMR-II

From : Head, Human Resources Development Group

PROF(MS) ALO NAG DEPT OF BIOCHEM DELHI UNIV SOUTH CAMPUS NEW DELHI 110021 DELHI

Grants-in-aid for your scheme entitled :UNRAVELING THE ROLE OF HPV16E7 ONCOPROTEIN IN MANIPULATING FoxM1 ACTIVITY VIA APC/C-Cdh1 AXIS

Sir,

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

| 1 | Duration of the Scheme (from the date of Commencement) | 36 Months 1-RA/SRP/JRP | | |
|-------------------------------|---|------------------------|--------------------|--------------------|
| 11 | Staff | | | |
| H | Confingency (per service in 23 | 4st Venue F 00 000 | T-RA/SRI- | JIRI- |
| ٧ | Confingency (per annum in ₹) | 1" Tear: 5,00,000 | 2nd Year: 5,00,000 | 3rd Year :5,00,000 |
| IV Equipment (lumpsum in ₹) | | | 3,50,000 CL | |

- 2. The above sanction is subject to review of periodical progress of the project by expert committee.
- 3. DG CSIR has also approved the release of the following grants for the period 01/05/2017 to 31/03/2018

| No | Grants | Amount (in ₹) |
|------|-------------|---------------|
| 1 | Staff | 3,96,000 |
| II . | Contingency | 4,58,333 |
| Ш | Equipment | 3,50,000 |
| | Total: | 12,04,333 |

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. The grant for the Ist installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), nonfunding certificate and EFT Transaction Request Form.

The expenditure is debitable to budget head P81102.

Yours faithfully,

SECTION OFFICER (EMR-II)

Encl : As above

Mew Delh. 110021 1. Registrar/Principal/Director Delhi University South Campus Delk utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.

2. Sr F&AO(EMR) alongwith FVC for first year's grant,

...... DeBu-119012

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 Investigations:

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

FILE NO. CRG/2020/003380

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & SA, Lower Ground Floor Vasant Square Mall Plot No. A Community Centre Sector B, Pocket S, Vasant Kunj New Delhi-110070

Dated 08-Mar-2021

ORDER

Subject Financial Sanction of the research project titled "Understanding the mechanism of Hills mediated manipulation of ForMi in Reputacellular carcinoma" under the quidinor of Prof. Ale Nag. Dept of Riochemistry, University of Delhi, South Campus. New stellindelhi, New delhi, Delhi 110021 and by Dr. Delhi P Sarkar, Professor, Riochemistry, University Of Delhi, South Campus. Release of lat grant.

Sainction of Science and Engineering Research Board (SERR) is hereby accorded to the above mentioned project at a total cost of its, 6284080/- (its, Sixty Two Lakh Eighty Four Thousand and Cighty Only) with break-up of its, 1500000/- under Capital (Non-recurring) head and its, 4784080/- under General (Recurring) head for a duration of its months. The stems of expenditure for which the total allocation of its, 6284080/- tus been approved are given below.

| 5. No. | Head | Total (in Rs.) |
|--------|---|----------------------------|
| A | Non-recurring | |
| 1 | Equipment Spectrophotometer Real Time PCR Machine | 1500000 |
| 4 | Total (Non-Recurring) | 1500000 |
| 0. | Recurring Items | |
| | Hecurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Hecurring - III : Scientific Social Responsibility | 892850 3300000 20000 |
| | Recurring - IV (Overhead Charges) | 571280 |
| | Total (Hecutring) | 4794080 |
| | Tutal cust of the project (A' + B') | 6284080 |

- Sanction of the SERB is also accorded to the payment of Rs. 1500000/- (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and Rs. 1600000/- (Rupees Sixteen Lakh Eight Thousand only) under 'Grants in and General' to Assistant Registrar Finance, University Of Delhi, South Campus, New Delhi, Delhi being the first installment of the grant for the year 2020-2021 for implementation of the said research project.
- 3 The expenditure involved is debitable to Fund for Science & Engineering Research (FSER). This release is being made under Core Research Grant, (Interdisciplinary Biological Sciences).
- The Sanction has been issued to University Of Delhi, South Campus, New Delhi, Delhi with the approval of the competent authority
 under delegated powers on 06 March, 2021 and vide Diary No. SERINF/8172/2020-2021 dated 06 March, 2021
- 5 Sunction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.cctb.gov.in)
- Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general
 administrative support etc. including benefits to the staff employed in the project.
- 7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than %. 4.5 lake each should be spent for travel and contingency.
- 8 Sudget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 9. As per rule 311 of CFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- (0) The sanctioned equipment would be precured as per GPR and its disposal of the same would be done with prior approval of SERUS
- II. The release amount of Rs. 3100000/. (Rupees Thirty One Lakh Eight Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their itank details given below

| PFMS Unique Code | UDSCYS |
|------------------------|--|
| Account Name | Berearch Project Office Account |
| Account Number | 10043546386 |
| Bank Hame & Branch | State Bank of India University of Delhi South Campus, Benito Juanez Road, New Delhi 110021 |
| IFSC/RTGS Code | SHIN0U08778 |
| Email id of A/C Holder | At financegosporth du se in |
| Email of of Pt | alonag22@gmail.com |



भारतीय आयुर्विज्ञान अनुसंधान परिषद INDIAN COUNCIL OF MEDICAL RESEARCH

बी. शमक्रिगस्वामी भवन, अन्तारी नगर, घोषट ग्रॅंबम 4911, नई दिलरी - 110 029 V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW BELHI - 118 029

No. 91/04/2020-TFGTR/BMS

Dated: 45.12.2022

To.

Prof. Debi P. Sarkar,

Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, Dhaula Kuan New Delhi-110021 20.12.2022

Subject:- Research project entitled, "Utilization of Sendai virus-derived proteoliposomes to deliver the UGT1A1 gene by editing with CRISPR/Cas9 in rat hepatocytes)"

Sir/Madam,

Please refer to your letter dated nil forwarding the 1st annual report of work done on the above mentioned project.

The Director-General of the ICMR sanctions continuation of the above mentioned project for further period of 2nd year w.e.f. 01.10.2022 to 30.09.2023 with budget allotment of Rs. 6,20,340/-(Rupees Six Lakh Twenty Thousand Three Hundred Forty Only). The terms and conditions will remain same as mentioned in the office letter of even number dated 27.09.2021s.

Thanking you,

Yours faithfully

[G.S. Sandhu] Senior Administrative Officer

For Director-General

 Copy together with a copy of the budget statement forwarded for information to The Director, University of Delhi South Campus, Benito Juarez Road, Dhaula Kuan New Delhi-110021.

Copy together with budget statement forwarded to Accounts Section-V, ICMR information and further necessary action

Copy together with copy of the budget statement forwarded to the Finance Section ICMR for information.

4. IRIS Cell No.

Senior Administrative Officer

For Director-General

Mo. BT/PR13531/MED/30/1523/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Biock 2, 6-8th Floors CGO Complex, Lodhi Road, New Delhi- 110 003 Dated: 22/06/2017

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: "Screening lead molecules identified by structure-based rational drug design methods against cytochrome b5 reductase 3 and dopamine beta hydroxylase in spontaneously hypertensive rat models for antihypertensive effects" for a period of 3 Year 0 Month at a total cost of Rs. 8752800 (Rupees Eighty Seven Lakhs Fifty Two Thousand Eight Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title :

"Screening lead molecules identified by structure-based rational drug design methods against cytochrome b5 reductase 3 and dopamine beta hydroxylase in spontaneously hypertensive rat models for

antihypertensive effects"

2.2 Details of the Investigators:

Project Cordinator

Dr. Suman Kundu

Professor
Department of Biochemistry
Delhi University, South Campus
Department of Biochemistry, University of Delhi South Campus
Benito Juarez Road, Delhi 110021

Principal Investigators:

Prof. Suman Kundu

Professor Department of Biochemistry Delhi University, South Campus Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, Delhi 110021

Prof. C C Kartha

Professor of eminence
Cardiovascular Disease Biology
Rajiv Gandhi Centre For Biotechnology
Division of Cardiovascular Disease Biology, Rajiv
Gandhi Centre for Biotechnology, Thycaud Post,
Poojappura, Thiruvananthapuram, Kerala,
Trivandrum, Kerala 695014

CO-PI:

Dr. Surya Ramachandran Program Scientists Cardiovascular Disease Biology 48



र्जंध विज्ञान अनुसंधान बोर्ड क्या अनुसंधान एवं विकास संगठन मुख्याल्या तृतीय तल, ही आर ही ओ भवन कमत न 399/04 नई दिल्ही 110011 देली फीक्स - 011-23012652 टेलीफोन 011-23007894/23007895 Email: isrb@hqr.drdo.in

No. O/o DG (TM)/81/48222/LSRB-317/SH&DD/2017

The Director University of Delhi South Campus, New Delhi-110021

Life Sciences Research Board Defence Res. & Dev. Organisation HQ 3rd Floor, DRDO Bhawan

Room No. 399/04, New Delhi - 110011

Tele Fax: 011-23012652 Tele: 011-23007894/23007895

13.06.2018

Email: Isrb@hgr drdo in

Date:

Sub: GRANTS IN AID SCHEME OF LIFE SCIENCES RESEARCH BOARD

In exercise of powers vested in the Life Sciences Research Board vide Govt. of India, Ministry of Defence letters No. DBAS/48222/RD-81/784/D(R&D) dt 06 Mar 1998 and subsequent amendment made vide letter No.CC R&D (TM)/01/01/Research Boards/247/D (R&D) dated 03th Feb 2014 and DRDO/ DBFA/FA/83226/M/01/2031/D(R&D) dated 30 Jul 2010, para 3.1, as amended from time to time, I hereby convey the sanction of the Board for the following project at the cost of Rs 65,43,392/- (Rupees sixty five lakh forty three thousand three hundred and ninety two only)

Project Title and No:

Title

"Development of Hemoglobin based artificial oxygen carrier engineering recombinant and

packaged hemoglobin"

No

LSRB-317/SH&DD/2017

Dr Suman Kundu

Professor

Department of Biochemistry University of Delhi South Campus Benito Juarez Road Dhuala Kuan

New Delhi-110021 Mob: 09448519945

Email: drlathabv@gmail.com

Co-PI:

Dr Alo Nag

Professor

Department of Biochemistry University of Delhi South Campus Benito Juarez Road Dhuala Kuan

New Delhi-110021 Ph: 011-2411231/7363 Mob: 08860193827

Email: alonag22@gmail.com

PDC

03 Years

Cost

Rs 65,43,392/- (Rupees sixty five lakh forty three thousand three hundred and ninety two only)

LSRB.

.. Securing health and promoting performance of our Services

BT/COE/34/SP15246/2015

Government of India Ministry of Science & Technology Department of Biotechnology

> Block 2, 6-8th Floors CGO Complex, Lodi Road, New Delhi – 110003

> > Dated: 21.12.2015

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 "Centre of Excellence in Genome Sciences and Predictive Medicine (Phase II)" at a total cost of ₹718.34 lakhs (Rupees Seven hundred Eighteen lakhs Thirty Four thousand only) over a period of five years jointly at University of Delhi South Campus (UDSC), New Delhi (₹632.14 lakhs), University of Delhi (DU), Delhi (₹32.85 lakhs) and All India Institute of Medical Sciences (AIIMS), New Delhi (₹53.35 lakhs) on the terms and conditions detailed here under:

2.0 The Project:

2.1 Project Title: Centre of Excellence in Genome Sciences and Predictive Medicine (Phase II)
Lead Project Title: Systems biology of complex diseases: From genetic findings to lead molecule development for Rheumatoid arthritis

2.2 Investigators:

Name of the Team

Leader & Implementing

Institute:

Prof. BK Thelma

Department of Genetics, University of Delhi South Canpus (UDSC), Benito Juarez Road, New Delhi – 110021

Name and Address(s) of Co-PI(s):

- Prof. Uma Kumar, Head, Department of Rheumatology, All India Institute of Medical Sciences (AIIMS), Ansari Nagar, New Delhi – 110 002
- Prof. Sanjay Jain, Department of Physics and Astrophysics, University of Delhi (DU), Delhi – 110007
- Dr. Suman Kundu, Reader, Department of Biochemistry, UDSC, New Delhi

<u>Lead Project:</u> Systems biology of complex diseases: From genetic findings to lead molecule development for Rheumatoid arthritis

Name of the PI(s) &

1. Prof. BK Thelma, UDSC, New Delhi

Agency(s):

1. Prof. Uma Kumar, AlIMS, New Delhi

2. Prof. Sanjay Jain, DU, Delhi

3. Dr. Suman Kundu, UDSC, New Delhi

2.3 Objectives:

 Narrowing down of a few potential drug targets for Rheumatoid arthritis (based on inputs from COE Phase I, cell type specific networks/systems biology and functional genomics approaches). CHARIMA KHARE

2 months

No. BT/INF/22/SP26900/2018 GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY

> Block 2, 6-8th Floors CGO Complex, Lodhi Road, New Delhi- 110 003 Dated: 30/08/2018

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: "Maintenance and Operation of the Biosafety Facility (level 3), for Tuberculosis research, located at UDSC Campus, New Delhi" for a period of 3 Year 0 Month at a total cost of Rs. 10315132 (Rupees One Crores Three Lakhs Fifteen Thousand One Hundred and Thirty Two Only) on the terms and conditions detailed here under:-

2 The Project :

"Maintenance and Operation of the Biosafety Facility (level 3), for 2.1 Title:

Tuberculosis research, located at UDSC Campus, New Delhi"

2.2 Details of the Investigations:

Dr. Garima Khare Assistant Professor Biochemistry University of Delhi, South Campus Room No. 103, Department of Biochemistry, B.K. Bachhawat Block, University of Delhi South Campus, Benito Juarez Road, New Delhi, New Delhi, Delhi, 110021

CO-PI:

Dr. Amita Gupta Associate Professor Biochemistry University of Delhi, South Campus Department of Biochemistry, B. K. Bachhawat Block, University of Delhi South Campus, Benito Juarez Road, New Delhi, South Delhi -110021, Delhi

Prof. Vijay K Chaudhary Professor and Director CIIDRET Biochemistry

App. No. MED/2017/76

No. BT/PR25123/NER/95/1027/2037 GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY (NER-BPMC)

> Block 2, 6-8th Floors CGO Complex, Lodh Read, New Delhi- 110 003 Dated: \ 0 / 0 0 / /2018

ORDER

Sanction of the President is hereby accorded, under Ruie 16 of the Delegation of Financial Powers Rules .1978, for the implementation of the project entitled: "Drug discovery approaches for the effective control of tuberculosis – target based virtual screening and whole cell screening of medicinal plants" for a period of 3 Year 0 Month at a total cost of Rs. 11888800 (Rupees One Crores Eighteen Likhs Eighty Eight Thousand Eight Hundred Only) on the terms and conditions detailed here under:-

2 The Project:

2.1 Title:

Drug discovery approaches for the effective control of tuberculosis – target based virtual screening and whole cell screening of medicinal plants

Details of the Investigations:

2.2

Project Cordinator

Dr. Anupam Das Talukdar Asalstant Professor Department of Life Science & Bioinformatics. Assam University Department of Life Science & Bamp; Bioinformatics, Assam University Silchar, Silchar, Assam, 788011

Principal Investigators:

Vomanle.

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FILE NO. CRG/2018/003325 SCHENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket 5, Vasant Kunj New Delhi-110070

Dated: 25-Oct-2019

ORDER

Subject: Financial Sanction of the research project titled "Targeting dormant Mycobacterium tuberculosis in Bone Marrow Mesenchymal Stem cells by inhibiting ABCG2 efflux pumps" under the guidance of Dr. Garima Khare, Biochemistry, University of Delhi, South Campus, New delhi, delhi, New delhi, Delhi-110021 and by Prof. Anil Kumar Tyagi, J.C. Bose National Fellow, Biochemistry, University Of Delhi, South Campus - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4763000/- (Rs. Forty Seven Lakh Sixty Three Thousand Only) with break-up of Rs. 0/- under Capital (Non-recurring) head and Rs. 4763000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4763000/- has been approved are given below:

| 7. No | Head | Total (in Rs.) |
|-------|---|----------------------------|
| A | Non-recurring | |
| 1 | Equipment | 0 |
| A' | Total (Non-Recutring) | 0 |
| 1 | Recurring Items | |
| 1 | Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility | 720000 3600000 10000 |
| 2 | Recurring - IV : (Overhead Charges) | 433000 |
| B. | Total (Recurring) | 4763000 |
| C | Total cost of the project (A' + B') | 4763000 |

- Sanction of the SERB is also accorded to the payment of Rs. 1594000/- (Rupees Fifteen Lakh Ninety Four Thousand
 only) under Grants-in-aid General to The Director, University Of Delhi, South Campus, New Delhi, Delhi being the first
 installment of the grant for the year 2019-2020 for implementation of the said research project.
- 3 The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) release is being made under Core Research Grant. (PAC Health Sciences)
- 4. The Sanction has been issued to University Of Delhi, South Campus, New Delhi, Delhi with the approval of the competent authority under delegated powers on 22 October, 2019 and vide Diary No. SERB/F/5799/2019-2020 dated 24 Dec. 2019
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget ranctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- 11. The release amount of Rs. 1594000/- (Rupees Fifteen Lakh Ninety Four Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below.



Research Project Approval Letter

File Number: IoE-DU/MRP/2022/056

Dated: 01.08.2022

Subject: Project sanction letter under Major Research Project (MRP) scheme

Dear Dr. Garima Khare,

We are pleased to inform you that your research proposal submitted in Delhi School of Public Health titled, "Proteomics based insights into molecular mechanisms of Mycobacterium tuberculosis persistence in human bone marrow mesenchymal stem cells as protective niche and unravel host directed therapy targets" has been approved for funding by the IoE, University of Delhi, under the Major Research Project (MRP) scheme.

The duration of the project is three (03) years and the grant shall be disbursed on financial year basis, commencing with this financial year (2022-23). The continuity of the project shall be subject to the availability of funds under IoE scheme.

The year-wise allocation of the sanctioned budget for the above project is as follows:

| Budget-head | Amount | Funds Allocations (%) | | |
|------------------------------|-----------|-----------------------|-------------|------------|
| | (Rs) | First Year | Second Year | Third Year |
| Manpower* | 8,48,880 | 34 | 33 | 33 |
| Minor Equipment/ Software | 2,00,000 | 100 | NIL | NIL |
| Consumables | 13,00,000 | 40 | 30 | 30 |
| Travel | 30,000 | 40 | 30 | 30 |
| Maintenance/ Contingency | 2,00,000 | 40 | 30 | 30 |
| Total | 25,78,880 | + | | |

^{*}Only Project Attendant/Field Attendant/Lab Attendant/MTS may be appointed at the prevailing rates approved by the University which shall not exceed Rs. 18,000/- plus prevailing DA per month

Terms and conditions:

- You will be required to submit the Utilization Certificate (UC), Statement of Expenditure (SE), and Progress Report (PR) by the end of each financial year.
- The next grant shall be released subject to progress of research work and submission of UC, SE, and the PR.

No. BT/PR32697/MED/29/1471/2019 GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors CGO Complex, Lodhi Road, New Delhi- 110 003 Dated:21.12.2022

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 "Engineering antisense oligonucleotides to design novel liposome-encapsulated drugs against tuberculosis" for a period of 2 Year 0 Month at a total cost of Rs. 5633993 (Rupees Fifty Six Lakhs Thirty Three Thousand Nine Hundred and Ninety Three Only) on the terms and conditions detailed here under:-

2 The Project:

2.1 Title: Engineering antisense oligonucleotides to design novel liposome-encapsulated drugs against tuberculosis

2.2 Details of the Investigators:

Principal Investigator

Dr. Garima Khare
Assistant Professor
Biochemistry
University of Delhi, South Campus
Room No. 103, Department of Biochemistry, B.K. Bachhawat
Block, University of Delhi South Campus, Benito Juarez Road,
New Delhi, New Delhi, Delhi (UT), 110021

Co-PI:

Dr. Amita Gupta,
Department of Biochemistry,
University of Delhi South Campus
Benito Juarez Road, New Delhi, New Delhi, Delhi (UT), 110021

2.3 Objectives:

- To construct various antisense oligonucleotides against validated target genes of M.tb. The targets employed will be, but not limited to, RpoB (RNA Polymerase Beta subunit), MbtE (mycobactin biosynthesis) and IdeR (iron dependent regulator).
- Stability studies of the ASOs by agarose gel electrophoresis.
- Silencing of the target genes will be confirmed by expression analysis by isolating RNA from M.tb cultures grown in various concentrations of ASOs.
- Liposomal formulations of the shortlisted ASOs exhibiting maximum stability and potent silencing of the target genes will be prepared
- To evaluate the inhibitory potential of selected ASOs (naked and liposomal form) on the growth of M.tb (susceptible and resistant strains) in broth culture and in various combinations with the anti-TB drugs.
- Evaluation of selected ASOs (naked and liposomal form) for their inhibitory potential against M.tb growth in macrophages.
- Cytotoxicity studies of ASOs exhibiting inhibition of M.tb growth in vitro and in macrophages in mammalian cell lines.
- Evaluation of selected ASOs (haked and liposomal form) for their inhibitory potential against mycobacterial growth in mice model.

2.4 Time Schedule:

The duration of the project will be 2 Year 0 Month from the date of the first release order.

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Rs 3384633/Ruceived on 26/12/22

Received on 26/12/22

Style 23

Date: 18.5..2021

239



The Head Deptt. of Bio-Chemistry University of Delhi South Campus Benito Juarez Road Delhi- 110021

Dear Sir.

Please refer to your c-mail dated 12.5.2021 received from the Director, DUSC alongwith request letter and proposal for Seed Money Grant in r/o Dr. Dau Dayal, Asstt. Professor, Deptt. of Biochemistry, for releasing Seed money Grant.

In this connection, I am directed to inform you that a sum of Rs. 2,10,000/- (Two Lakh ten thousand rupees only) under Recurring Head and Rs. 40,000/- (Forty thousand only) out of Capital Assets (Non-Recurring) have been allocated from the Budget Head i.e. "II Misc.(A) Grants and Contribution-Seed Money Grant. The expenditure may be incurred strictly according to University Rules/GFR.

Yours Bithfully.

Assistant Registrar (Finance)

Please scan and send to Dr. Dayal Alonage 7/6/2021 62/2023

No.R.12013/13/2023-HR/E-Office: 8206779 Indian Council of Medical Research V. Ramalingaswami Bhawan, P.O. Box No.4911 Ansari Nagar, New Delhi-110029

Date:

02.2023

ORDER

Subject: HRD Scheme of the Department of Health Research for "Women Scientist" - Project entitled "Dual Perspective Proteomics profiling of human macrophages infected with M. tuberculosis to investigate the role of VirS, a transcriptional regulator of M. tuberculosis, in modulating the host responses" under Pl. Dr. Prachi Nangpal through Reserve Bank of India (RBI) under the Treasury Single Account (TSA) System during 2022-23

With the approval of the Competent Authority, sanction is accorded for funding of the project entitled "Dual Perspective Proteomics profiling of human macrophages infected with M. tuberculosis to investigate the role of VirS, a transcriptional regulator of M. tuberculosis, in modulating the host responses" under PI: Dr. Prachi Nangpal, vide her/his proposal no. 2022-1147 received under Women Scientist - program of HRD Scheme of DHR to conduct the above mentioned project at Department of Biochemistry, University of Delhi South Campus, New Delhi by following on the terms and conditions detailed here as under:-

 PI: Dr. Prachi Nangpal shall be responsible to carry out the project work under guidance/ mentorship of Dr. Garima Khare, Associate Professor, Department of Biochemistry, University of Delhi South Campus, New Delhi.

The duration of the project shall be for 3 years only.

4. The date of start of project start shall be effective from the date of joining of PI as Women Scientist in the project after sanction of grant and joining should not be later than 15 working days from the date of issue of the forwarding letter & sanction order.

5. The budget for the project shall be Rs. 50,40,000/- (Rupees Fifty Lakhs Forty Thousand Only) as per the details indicated in the

attached statement [Annexure-I].

6. The grant for the first year for Rs. 16,80,000/ (Rupees Sixteen Lakhs Eighty Thousand Only) is released as detailed in the

attached statement [Annexure-II].

7. Further grant will only be released on the basis of work performed by the PI in this project which is subject to the review by the Technical Evaluation Committee of the Department and recommendations thereon.

Received on 14/3/13

28/3/23



UNIVERSITY GRANTS COMMISSION BAHADUR SHAH ZAFAR MARG NEW DELHI – 110 002

No. F.3-3/2016/DRS-II(SAP-II)

March, 2016

To

The Registrar,
University of Delhi,
South Campus, Benito Juarez Road,
New Delhi-110021.

12 3 MAR 2016

Sub.: University Grants Commission Assistance to the selected department under Special Assistance Programme (SAP)- Review of the Programme in the Department of Biochemistry, University of Delhi, South Campus, Benito Juarez Road, New Delhi - 110021 for upgradation /continuation from DRS-I to DRS-II for a period of 5 years (1-4-2016 to 31-3-2021).

Sir,

- The UGC Special Assistance Programme (SAP) is intended through constant effort to raise the quality of teaching/ research in different disciplines in Bio-Sciences, Sciences, Engineering & Technology, Humanities, Social Science departments and carefully selected on the basis of their work, academic achievements and viable potential for further development. The essence and primary aim of the scheme is combination of teaching and research to encourage group research efforts in pursuit of excellence.
- The Department of Biochemistry was implementing DRS-I (2009-2014) of the programme approved for a duration of five years.
- 3. As per guidelines, the Commission constituted an Expert Committee to review the progress made by the above department which has completed its approved term of participation under the Special Assistance Programme (SAP). The Expert Committee Reviewed the department on 29th May, 2015 in the office of UGC New Delhi.
- 4. The Review Committee, after a very careful and critical in-depth examination of the academic achievements made by the department during the term as well as discussing various aspects of implementation of the programme with the departmental representatives has submitted their recommendations to the Commission.
- The UGC has approved the Department of Biochemistry from DRS-I to DRS-II programme for a further period of <u>Five years from 1.4.2016 to 31.3.2021.</u>

SR/S2/JCB-39/2009

विज्ञान एवं इंजीनियरी अनुसंधान बोर्ड (एस. ई. आर. बी.) Science and Engineering Research Board (SERB)

(संसद के एक अधिनियम द्धारा गठित एक संवैधानिक निकाय, भारत सरकार)

(A Statutory Body constituted by an Act of Parliament, Govt. of India)

3rd & 4th Floor, Block-II, Technology Bhavan, New Mehrauli Road, New Delhi-110016 Dated: 31st October, 2022

ORDER

Subject: - The J.C. Bose Fellowship award to Prof. Anil Kumar Tyagi, , Deptt. of Bio-chemistry, University of Delhi South Campus, New Delhi-110021-release of last grant as reimbursoment for final settlement.

In continuation of SERB/DST's Sanction Order Number SR/52/JCB-39/2009 dated 6-7-2010 and subsequent orders to the above mentioned followship, Sanction of the Science & Engineering Research Board (SERB) is hereby accorded to the reimbursement/payment of a sum of Rs.82,350/- (Rupees Eighty-two thousand three hundred and fifty only) under recurring head (Grant-in-aid General) as last instalment of grant in final settlement of the above said J. C. Bose Fellowship/project accounts.

- Approval of SERB is also accorded for revising the total cost of the Fellowship/project from earlier sanctioned Rs.1,32,65,000/- to Rs.1,32,52,350/- based on the final actual expenditure.
- Sanction of the grant is subject to the condition as detailed in Terms & Conditions available at website (www.serb.gov.in).
- It is certified that provision of 212 relating to the UCs for the funds released earlier to this project have been satisfied and the UC is enclosed.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER).
 This release is being made under J C Bose fellowship.
- The sanction has been issued with the approval of competent authority under delegated powers and vide Diary No. SERB/F/6043/2022-23 dated 27-10-2022
- 7. The amount of Rs.82,350/- (Rupees Eighty-two thousand three hundred and fifty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below:

| PFMS Unique code | UDSC75 |
|------------------------------------|--|
| Account Name | Research Project Office Account |
| Account Number | 10043546386 |
| Bank Name & Branch | State Bank of India, University of Delhi South Campus, New Delhi 110021 |
| IFSC/RTGS Code | \$8IN0008778 |
| Email Address of PI | akt1003@gmail.com |
| Email address of Institute | dir_udsc@du.ac.in,ar.finance@south.du.ac.in |
| Email address of Concerned Officer | dey.sukumar@serb.gov.in,jacob@nlc.in |

SR/S2/JCB-08/2010 SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor, Vasant Square Mall, Plot No. A, Community Centre, Sector-5, Pocket-B, VasantKunj, New Delhi-110070

Dated: 29ADecember, 2015

ORDER

Subject: - The J.C. Bose Fellowship award to Dr. Debi P. Sarkar, Professor, Department of Biochemistry, University of Delhi, New Delhi - 110021, Delhi - Extension of Duration/Enhancement/Release of next installment of grant.

In continuation of SERB/DST's Sanction Order Number "SR/S2/JCB-08/2010 dated 16-9-2010" and subsequent orders to the above mentioned fellowship, SERB hereby accords sanction to the additional amount of Rs.68,00,000/-(Rupees Sixty-eight Lakh only) towards revision of fellowship amount (because of further extension of the Fellowship for 5 years duration, with upper age limit of 68 years or till having a position in the Institute for research activity, with fellowship of Rs.25,000/- per month, Research Grant of Rs.10.00 lakh per annum and Overhead Charges of Rs.60,000/- per annum) to the J.C BoseFellow thus revising the total cost from Rs.68,00,000/- (Rupees Sixty eight lakh only) to Rs.1,36,00,000/- (Rupees One Crore thirty six lakh only) and for the payment of Rs.13,60,000/- (Rupees Thirteen lakh sixty thousand only) under recurring head (Grant-in-aid General) as the grant of the year 2015-2016 for the above said J. C. Bose Fellowship.

- Sanction of the grant is subject to the condition as detailed in Terms & Conditions available at website (www.serb.gov,in).
- It is certified that provision of 212 relating to the UCs for the funds released earlier to this project have been satisfied and the UC is enclosed.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER). This release is being made under J C Bose fellowship.
- The sanction has been issued with the approval of competent authority under delegated powers and vide Diary No. SERB/F/6310/2015-16 dated 09-12-2015.
- 5. The amount of Rs.13,60,000/- (Rupees Thirteen lakh sixty thousand only) in question will be drawn by the Drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their bank details given below:

| Account Name | Research Project Office A/C | |
|---------------------------------------|---|--|
| Account Number | 10043546386 | |
| Bank Name & Branch | State Bank of India University of Delhi South Campus , Benito Juarez Road, New Delhi - 110021 | |
| IFSC/RTGS Code | SBIN0008778 | |
| Email Address of PI | dpsarkar59@gmail.com,debi.sarkar@south.du.ac.in | |
| Email Address of Concerned Officer | sskohli@nic.in | |

Shyam June boolder

Contd...



31.08.2022 Ref. No./loE/2021/12/FRP

Professor Alo Nag Department of Biochemistry University of Delhi, South Campus Benito Juarez Marg New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Professor Nag,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (in Rs.) |
|---|-----------------|
| Consumables | 3,75,000/- |
| Equipment/Software | 30,000/- |
| Maintenance of Equipment/ Contingency/Miscellaneous | 75,000/- |
| Travel | 20,000/- |
| Total | 5,00,000 |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking grant should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by February 15, 2023.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.
- In case PI is proceeding on any leave from the University for a period of more than three months, she/he shall inform the IoE office and cannot avail this grant.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by May 31, 2023.

With best wishes for productive research.

Yours sincerely,

Melech OSD (S&R), IOE



29.10.2021 Ref. No./ioE/2021/12/FRP

Professor Alo Nag
Department of Biochemistry
University of Delhi, South Campus
Benito Juarez Marg
New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Professor Nag,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head . | Amount (in Rs.) |
|---|-----------------|
| Consumables | 1,00,000 |
| Equipment/Software | 1,30,000 |
| Travel | 30,000 |
| Maintenance of Equipment/ Contingency/Miscellaneous | 40,000 |
| Total | 3,00,000 |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2022.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.
- In case PI is proceeding on any leave from the University for a period of more than three months, she/he shall inform the IoE office and cannot avail this grant.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2022.

With best wishes for productive research.

Yours sincerely,

OSD, IoE (S&R)



31.12.2020 IoE/FRP/LS/2020/27

Professor Alo Nag Department of Biochemistry University of Delhi, South Campus Benito Juarez Marg New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Professor Nag,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (in Rs.) |
|---|-----------------|
| Consumables | 1,75,000 |
| Equipment/Software | 25,000 |
| Maintenance of Equipment/ Contingency/Miscellaneous | 25,000 |
| Travel | 25,000 |
| Total | 2,50,000 |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2021.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2021.

With best wishes for productive research.

Yours sincerely,

OSD, IoE

29.10.2021 Ref. No./loE/2021/12/FRP

Professor Suman Kundu
Department of Biochemistry
University of Delhi, South Campus
Benito Juarez Marg
New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Professor Kundu,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (| in Rs.) |
|--|-------------|---------|
| Consumables | 2,25,00 | |
| Equipment/Software | - 100 | 0 |
| Travel | 20,00 | 00 |
| Maintenance of Equipment/ Contingency/Miscella | neous 45,00 | 00 |
| Total | 2,90,00 | |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2022.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.
- In case PI is proceeding on any leave from the University for a period of more than three months, she/he shall inform the IoE office and cannot avail this grant.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2022.

With best wishes for productive research.

Yours sincerely,

OSD, IoE (S&R)



31.12.2020 IoE/FRP/LS/2020/27

Professor Suman Kundu
Department of Biochemistry
University of Delhi, South Campus
Benito Juarez Marg
New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Professor Kundu,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (in Rs.) | |
|---|-----------------|--|
| Consumables | 2,00,000 | |
| Equipment/Software | 2,00,000 | |
| Maintenance of Equipment/ Contingency/Miscellaneous | 50,000 | |
| Travel | 50,000 | |
| Total | 5,00,000 | |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- · The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2021.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2021.

With best wishes for productive research.

Yours sincerely.



29.10.2021 Ref. No./loE/2021/12/FRP

Dr. Garima Khare
Department of Biochemistry
University of Delhi, South Campus
Benito Juarez Marg
New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Dr. Khare,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (in Rs. | |
|---|----------------|--|
| Consumables | 2,18,000 | |
| Equipment/Software | 35,000 | |
| Travel | 2,000 | |
| Maintenance of Equipment/ Contingency/Miscellaneous | 45,000 | |
| Total | 3,00,000 | |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2022.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.
- In case PI is proceeding on any leave from the University for a period of more than three
 months, she/he shall inform the IoE office and cannot avail this grant.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2022.

With best wishes for productive research.

Yours sincerely,

OSD, IoE (S&R)



31.12.2020 IoE/FRP/LS/2020/27

Dr. Garima Khare
Department of Biochemistry
University of Delhi, South Campus
Benito Juarez Marg
New Delhi – 110021

Subject: Faculty Research Programme Grant – IoE.

Dear Dr. Khare,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (in Rs.) |
|---|-----------------|
| Consumables | 1,85,000 |
| Equipment/Software | 35,000 |
| Maintenance of Equipment/ Contingency/Miscellaneous | 25,000 |
| Travel | 5,000 |
| Total | 2,50,000 |

Your research grant shall be subject to the following conditions:

- · The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2021.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2021.

With best wishes for productive research.

Yours sincerely,

OSD. IOE



31.12.2020 loE/FRP/L5/2020/27

Professor Debi P. Sarkar Department of Biochemistry University of Delhi, South Campus Benito Juarez Marg New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Professor Sarkar,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget Head | Amount (in Rs.) |
|---|-----------------|
| Consumables | 1,50,000 |
| Equipment/Software | 50,000 |
| Maintenance of Equipment/ Contingency/Miscellaneous | 25,000 |
| Travel | 25,000 |
| Total | 2,50,000 |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- . The grant has to be utilized by March 15, 2021.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2021.

With best wishes for productive research.

Yours sincerely,

AShutos.

UNIVERSITY OF DELHI, DELHI - 110007:: email: osd@ioc.du.ac.in



31.12.2020 IoE/FRP/LS/2020/27

Dr. Amita Gupta
Department of Biochemistry
University of Delhi, South Campus
Benito Juarez Marg
New Delhi – 110021

Subject: Faculty Research Programme Grant - IoE.

Dear Dr. Gupta,

With reference to your proposal seeking minor research grant under Faculty Research Programme (FRP) of the IoE scheme, I am pleased to inform you that your application was successful after due review process. The grant is being sanctioned under the following budget heads.

| Budget He | ead ' | Amount (in Rs.) | |
|---|-------|-----------------|--|
| Consumables . | | 3,75,000 | |
| Equipment/Software | | 75,000 | |
| Maintenance of Equipment/ Contingency/Miscellaneous | | 50,000 | |
| Travel | | 0 | |
| Total | | 5,00,000 | |

Your research grant shall be subject to the following conditions:

- The guidelines issued at the time of seeking applications should be strictly followed.
- The sanctioned amount can be used only under the approved budget-heads.
- The grant has to be utilized by March 15, 2021.
- At least one quality publication should result from this grant and a copy of the same along with the final report shall be submitted.
- The support received from the IoE, University of Delhi as FRP grant must be acknowledged in the publication/s arising from the research undertaken in this scheme.

The Statement of Expenditure and Utilization Certificate along with a final progress report must reach the office of the IoE by June 30, 2021.

With best wishes for productive research.

Yours sincerely,

OSD, IOE

CSIR HUMAN RESOURCE DEVELOPMENT GROUP CSIR Complex, New Delhi

SSB Special Henorarium (2018-2019) List of SSB Awardee(s)

| Bank Nar Bank Nar Branch A | ddress: Type/Nature of Account | University of Delhi (South Campus) 10043546738 State Bank of India University of Delhi South Campus, Benito Juan New Delhi Saving, SBIN0008778 | er Road. |
|----------------------------------|-----------------------------------|--|----------------|
| S.No | | SSB awardee(s) Name Claim Period (01-04-2018 to 31-03-2019) | Amount (Rs) |
| .1 | Dobi P Sarkar | | 180000 |
| | | Total (Rupees One Lakh Eighty Thousand Only) | 1,80,000 |

Dr. Dabi P. Sarkar Professor

Department of Biochemistry University of Delhi South Campus New Delhi-110921