

Dated: 03-Dec-2018

ORDER

Subject: Financial Sanction of the research project titled "**Molecular manipulation and hybrid strategy in design and discovery of Cytochrome bcl inhibitors as potent leads for drug resistant tuberculosis**" under the guidance of Dr. Ramalingam P, Pharmacy (Medicinal Chemistry), Raghavendra Institute of Pharmaceutical Education and Research , K.r.palli cross, dist anantapuramu, chiyyedu, Anantapur, Andhra pradesh-515721 and by Dr. AZGAR DUSTHACKEER VN, Scientist B, Bacteriology, National Institute For Research In Tuberculosis (NIRT) and by Dr. Raghuvveer Varma Pemmadi, Assistant Professor, Department Of Pharmaceutical Chemistry, Raghavendra Institute Of Pharmaceutical Education And Research and by Dr. Dina Nair, Scientist C (Medical), Department Of Clinical Research, National Institute For Research In Tuberculosis (NIRT) - 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. 4234050/- (Rs. Forty Two Lakh Thirty Four Thousand and Fifty Only)** with break-up of **Rs. 1428250/- under Capital (Non-recurring) head** and **Rs.2805800/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4234050/-** has been approved are given below:

The following budget may be considered for **National Institute For Research In Tuberculosis (NIRT), No.1, Mayor Sathiyamoorthy Road, Chetpet**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Lyophilizer {Other Cost: INR 2000 } -> Elisa Reader	428250
A'	Total (Non-Recurring)	428250
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II :	585000 550000
2	Recurring - III : (Overhead Charges)	125000
B'	Total (Recurring)	1260000
C	Total cost of the project (A' + B')	1688250

The following budget may be considered for **Raghavendra Institute Of Pharmaceutical Education And Research, K.R.Palli Cross, Dist Anantapuramu, Chiyyedu**

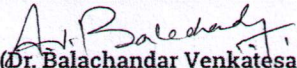
S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Parallel synthesizer -> Rotary evaporator -> Schrodinger	1000000
A'	Total (Non-Recurring)	1000000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	789800 525000
2	Recurring - III : (Overhead Charges)	231000
B'	Total (Recurring)	1545800
C	Total cost of the project (A' + B')	2545800

2. Sanction of the **SERB** is also accorded to the payment of

- **Rs. 428250/-** (Rupees Four Lakh Twenty Eight Thousand Two Hundred and Fifty only) under 'Grants for creation of capital assets' and **Rs. 420000/-** (Rupees Four Lakh Twenty Thousand only) under 'Grants-in-aid General' to **The Director, National Institute For Research In Tuberculosis (NIRT), No.1, Mayor Sathiyamoorthy Road, Chetpet**
- **Rs. 1000000/-** (Rupees Ten Lakh only) under 'Grants for creation of capital assets' and **Rs. 515000/-** (Rupees Five Lakh Fifteen Thousand only) under 'Grants-in-aid General' to **Principal, Raghavendra Institute Of Pharmaceutical Education And Research,**

K.R.Palli Cross, Dist Anantapuramu, Chiyyedu
being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

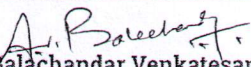
3. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
4. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
5. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
6. 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.
7. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
8. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project
9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. The sanctioned equipments and consumables would be produced as per GFR 2005 and its disposal would be done with prior approval of SERB.
11. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


(Dr. Balachandar Venkatesan)
Scientist E
ms_hs@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	<p>Dr. Ramalingam P Pharmacy (Medicinal Chemistry) Raghavendra Institute of Pharmaceutical Education and Research , K.r.palli cross, dist anantapuramu, chiyyedu, Anantapur, Andhra pradesh-515721 Email: drramalingamp@gmail.com Mobile: 919581294478</p> <p>Dr. AZGAR DUSTHACKEER VN Bacteriology National Institute For Research In Tuberculosis (NIRT)</p> <p>Dr. Raghuvveer Varma Pemmadi Department Of Pharmaceutical Chemistry Raghavendra Institute Of Pharmaceutical Education And Research</p> <p>Dr. Dina Nair Department Of Clinical Research National Institute For Research In Tuberculosis (NIRT) (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>The Director, National Institute For Research In Tuberculosis (NIRT), No.1, Mayor Sathiyamoorthy Road, Chetpet Principal, Raghavendra Institute Of Pharmaceutical Education And Research, K.R.Palli Cross, Dist Anantapuramu, Chiyyedu</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


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Subject: Financial Sanction of the research project titled "**Molecular manipulation and hybrid strategy in design and discovery of Cytochrome bc1 inhibitors as potent leads for drug resistant tuberculosis**" under the guidance of Dr. Ramalingam P, Pharmacy (Medicinal Chemistry), Raghavendra Institute of Pharmaceutical Education and Research, K.R.palli cross, dist anantapuramu, chiyyedu, Anantapur, Andhra pradesh-515721 and by Dr. AZGAR DUSTHACKEER VN, Scientist B, Bacteriology, National Institute For Research In Tuberculosis (NIRT) and by Dr. Raghuvver Varma Pemmadi, Assistant Professor, Department Of Pharmaceutical Chemistry, Raghavendra Institute Of Pharmaceutical Education And Research and by Dr. Dina Nair, Scientist C (Medical), Department Of Clinical Research, National Institute For Research In Tuberculosis (NIRT) - 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. 2545800/- (Rs. Twenty Five Lakh Forty Five Thousand Eight Hundred Only)** with break-up of **Rs. 1000000/- under Capital (Non-recurring) head** and **Rs.1545800/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2545800/-** has been approved are given below:

The following budget may be considered for **Raghavendra Institute Of Pharmaceutical Education And Research, K.R.Palli Cross, Dist Anantapuramu, Chiyyedu**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Parallel synthesizer -> Rotary evaporator -> Schrodinger	1000000
A'	<i>Total (Non-Recurring)</i>	1000000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	789800 525000
2	Recurring - III : (Overhead Charges)	231000
B'	<i>Total (Recurring)</i>	1545800
C	Total cost of the project (A' + B')	2545800

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 1000000/- (Rupees Ten Lakh only)** under 'Grants for creation of capital assets' and **Rs. 515000/- (Rupees Five Lakh Fifteen Thousand only)** under 'Grants-in-aid General' to **Principal, Raghavendra Institute Of Pharmaceutical Education And Research, K.R.Palli Cross, Dist Anantapuramu, Chiyyedu** being the first installment of the grant for the year 2018-2019 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. (PAC Health Sciences)

4. The Sanction has been issued to Raghavendra Institute Of Pharmaceutical Education And Research, K.R.Palli Cross, Dist Anantapuramu, Chiyyedu with the approval of the competent authority under delegated powers on **30 November, 2018** and vide Diary No. **SERB/F/9868/2018-2019** dated **30 November, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. 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 **Rs. 1.5 lakh** each should be spent for travel and contingency.

8. 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.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 1515000/- (Rupees Fifteen Lakh Fifteen 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:

Account Name	The Principal, RIPER
Account Number	8550201000126
Bank Name & Branch	Canara Bank Sharada Nagar, Anantapur - 515002 Andhra Pradesh
IFSC/RTGS Code	CNRB0008550

Email id of A/C Holder	ypreddyatp@rediffmail.com
Email id of PI	drramalingamp@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/004394 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

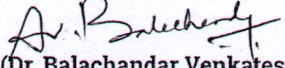
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

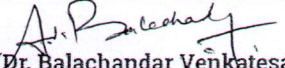
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


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To,
 Under Secretary
 SERB, New Delhi

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5.	<p>Principal, Raghavendra Institute Of Pharmaceutical Education And Research, K.R.Palli Cross, Dist Anantapuramu, Chiyvedu (Receipt of Grant may be intimated by name to the undersigned)</p>


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