6.4.2 and 3.2.1/3.2.2, 3.1.3

# No. BT/PR39972/BRB/10/1895/2020 GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY

Annexure-16.

Block 2, 6-8th Floors CGO Complex, Lodhi Road, New Delhi- 110 003 Dated: 02.03,2022

### 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 "PHLPP/S6K1 dynamics- a potential mechanism of insulin resistance" for a period of 3 Year 0 Month at a total cost of Rs. 7744000 (Rupees Seventy Seven Lakhs Fourty Four Thousand Only) on the terms and conditions detailed here under:-

# The Project:

2.1. Title: PHLPP/S6K1 dynamics- a potential mechanism of insulin resistance

# 2.2. Details of the Investigators:

Prof. Khurshid Iqbal Andrabi

Professor

Department of Biotechnology,

New Science Block, Ground Floor, University Campus Hazratbal, Srinagar- 190006, Jammu And Kashmir.

Dr. Shaida Andrabi

Assistant Professor

Department of Biochemistry, University of Kashmir, Hazratbal, Srinagar - 190006, Jammu and Kashmir.

#### 2.3 Objectives:

- 1. To evaluate PHLPP binding with S6K1 for its relation with loss of activating phosphorylation. a) PHLPP binding with WT-S6K1; b) PHLPP binding status with constitutive/insulin resistant variant of S6K1
- 2. To evaluate PHLPP binding dynamics with its phosphorylation state for crosstalk with mTORC2, GSK3 or
- To ascertain PHLPP binding characteristics by point mutagenesis of the potential PHLPP binding region in
- 4. To evaluate the role of PHLPP in regulating the Hydrophobic Motif phosphorylation of S6K1
- 5. Co-localization of S6K1 and PHLPP under nutrient deprived/nutrient rich states

# 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. 7744000/-(Rupees Seventy Seven Lakhs Fourty Four Thousand Only) as per details given below:

Budget Head	Year I	Year II	Year III	Total
Equipment	3500000.00	0.00	0.00	7.500000 00
Manpower	348000.00	348000.00	348000.00	3500000.00
Overhead	50000.00	50000.00		1944000.00
Travel	0.00	50000.00	50000.00	150000.00
Consumables	1500000.00		50000.00	100000.00
Contingency	50000.00	700000.00	600000.00	2800000.00
Fotal (Rs.)	The state of the s	50000.00	50000.00	150000,00
· mai (ns.)	5448000.00	1198000.00	1098000.00	7744000.00

#### 2.6 Equipment

The details of the equipment sanctioned for the implementation of the project at Annexure-1

# 2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at Annexure-II

अस्त सरकार भी सिक्को (१००४ १८४० १८४० १८४४) अस्ति श्रीतारतम् (१४ १८७० १८४४ १८४४) अस्ति श्रीतारतम् (१४ १८७०) १८४४ १८४४ १८४४

,, unerule-1

#### FILE NO. CRG/2021/002692

## SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

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

Science and Engineering Research Board 3rd & 4th Floor, Block II Technology Bhavan, New Mehrauli Road New Delhi - 110016

Dated 06 January, 2022

ORDER

Subject Financial Sanction of the research project titled Molecular Basis of Ribo-CGG Repeat Mediated Neurodevelopmental Defects, under the guidance of Dr. Abrar Ahmad Qurashi, Biotechnoogy, Kashmir University, Hazratbal rd, hazaratbal, srinagar, jk. Srinagar, Jammu and kashmir-190006 - 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. 7710240/- (Rs. Seventy Seven Lakh Ten Thousand Two Hundred and Forty Only) with break-up of Rs. 2500000/- under Capital (Non-recurring) head and Rs.5210240/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 7710240/- has been approved are given below:

The following budget may be considered for Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Wide-field epifluorescence microscope	2500000
A	Total (Non-Recurring)	2500000
В	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II (Consumables, Travel, Contingencies) Recurring - III Scientific Social Responsibility	1350240 3100000 60000
2	Becurring IV (Overhead Charges)	700000
B	Total (Recurring)	5210240
С	Total cost of the project (A' + B')	7710240

- 2 Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( www.serb.gov.in).
- 3. 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.
- 4 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.
- 5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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 sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of
- 8 The institute will furnish to the SERB, 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.
- 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 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
- 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.
- 12 The project File no. CRG/2021/002692 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB



# OFFICE OF THE RUSA

# UNIVERSITY OF KASHMIR

NAAC ACCREDITED GRADE "A+ HAZRATBAL, SRINAGAR (J&K)-190006

> No:- F(Allocation-1st)RUSA/2020 Dated:- 11-11-20

Prof. K.I Andrabi Department of Bio-Technology University of Kashmir

Ref:- Release of funds under the "Research and Innovation Component."

Subject: - Your proposal recommended for support under component 10 of RUSA 2.0.

Sir/Madam,

I am directed to convey the tentative allocation of funds for 2020-21 for your Project "AMPK as a potential oncogene to sustain cell growth under stress: Implications in cancer genesis" as 1st installment along with copy of guidelines for further course of action at your end in order to run the project smoothly.

Estimated Cost (In Lacs)		1st Installment Allocation (In Lacs)		
Non-Recurring	Recurring	Non-Recurring Recu		
200.00		.von-keeurring	Recurring	
200,00	200.00	150.00		
		130.00	10.00	

The approval of the grant is subject to:-

a) Following the codal procedure and guidelines of the funding agency.

b) Following the terms & conditions enclosed at Annexure "A"

c) The expenditure is to be incurred strictly for the objectives/activities mentioned in the approved proposal, as per RUSA mandate.

Yours sincerely

Assistant Registrar

Copy to :-

1. S.S to Vice Chancellor for information.

2. P.S to Registrar for information.

Annexure-3

# No. BT/HRD/01/48/2020

Govt. of India Ministry of Science & Technology Department of Biotechnology

> Block No. 2, 6-8th floor CGO complex, Lodi Road New Delhi-110 003 Dated: 26/02/2021

# ORDER

Sanction of the President is hereby accorded under Rule18 of the Delegation of Financial Power Rules, 1978 for the financial support to program entitled "M.Sc. Biotechnology" at University of Kashmir, Srinagar-190006 J&K at total cost of Rs. 269.60.00 lakhs (Rupees Two crore sixty-nine lakh and sixty thousand only) during F.Y.2020-21 for a period of five years. This program will be implemented in academic session 2020-21 as per budget details given below:

(Amount in Rs. Lakh) S.No. Items I Year II Year# III Year# IV Year# V Year# (2020-21)Total (2021-22)(2022-23)(2023-24)(2024-25)20 students 40 students 40 students Non-recurring 40 students 20 students 1. Equipment 25.00 25.00 0 0. 0 Recurring 50.00 Consumables Rs. 0.35 7.00 14.00 14.00 lakh/student/ year 14.00 7.00 56.00 Contingency @ 2.00 2. 0\* 2.00 lakhs/annum (1.00 lakhs 2.00 2.00 2.00 8.00 for <10 students) Books/Journals @ 1.50 0\* 1.50 1.50 lakhs/annum (1.00 lakhs 1.50 1.50 6.00 for <10 students) Travel(Internal) @ 0.50 0\* 0.50 0.50 lakhs/annum 0.50 . 0.50 2.00 Visiting Faculty @ 0.40 0\* 0.40 0.40 0.40 lakhs/annum 0.40 1.60 Summer/Winter training 0.50 0.50 0.50 (for I year students only) 0.50 0.00 2.00 @ 0.50 lakhs/annum (0.25 lakhs for <10 students) Maintenance Grant @ 0 3.00 3.00 3.00 lakhs/annum (II year 3.00 3.00 12.00 onwards) Thesis grant @ Rs. 0.50 8. 10.00 lakhs/student/ annum (for 10.00 10.00 10.00 40.00 Il year students only) 9. Studentship @ 5.00 (for 5 24,00 24.00 Rs.5,000/student/month 24.00 15.00 months: 92.00 (including 3 Nov 2020months March studentship 2021) for April to June 2025 for Total last batch) 37.50 80.90 55.90 55.90 39.40 269.60

Note: In 2020-21 support provided for students admitted in I year only and in 2024-25 support provided for students in final year only.

# DBT support for PG teaching Programme beyond March 2021 is subject to appraisal and approval for continuation of scheme beyond March 2021 and approval of EFC for 15th Finance Commission.

- \*This course was being supported during 14th Finance Commission as well and thus grant under these heads released for F.Y. 2020-21 for students admitted in 2019-20and continuing in second year of
- 2. Dr. Khalid Majid Fazili, University of Kashmir, Srinagar-190006 J&K will be the full time course coordinator for M.Sc. Biotechnology Program and will submit audited utilization certificate and statement of expenditure duly signed by him, finance/ accounts officer and head of the institution in duplicate at the end of financial year. The Head of the institution will communicate change of coordinator to DBT, if any.
- M.Sc. Biotechnology programme will be implemented in academic session i.e., 2020-21.
- MoA will be signed before release of grant for second year.
- The University/Institute is required to implement the programme as per the Mandatory Terms and
- The General terms and conditions of grant are enclosed at Annexure-II.
- 7. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations 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 Organization is called
- The University/Institute will keep the whole of the grant in an interest bearing Bank Account, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The interest so earned shall be remitted to Consolidated Fund of India i.e., in Bharatkosh.
- The domestic travel by Air- India in refundable economy class is admissible under travel expenses as per GOI norms. There will be no international travel undertaken from the grant release under the
- 10. The expenditure involved is debitable to:

Demand No. 88

: Department of Biotechnology,

3425

Other Scientific Research (2020-2021)

60

: Others (Sub Major Head)

60.200

Assistance to Other Scientific Bodies (Minor Head)

29 29.17

Biotechnology Research and Development

29.17.31

Assistance for Research and Development

Grants-in-Aid General

29.17.35

: Grants for Creation of Capital Assets

Continue...3/-

- 11. No Utilization Certificate pertaining to this programme is pending with the Institute.
- 12. All payments to be transferred to all beneficiaries (including all vendors and students) by RTGS only
- 13. The agency will enroll in EAT module for Transfer, Expenditure and Advances for management of grant sanctioned for this project by DBT, New Delhi.
- 14. Non-recurring grants shall be utilized within 18 months of their release. List of sanctioned equipment
- 15. This issues under powers delegated to this Depti. and with the concurrence of IFD vide their San no.102/IFD/SAN/2591/2020-21 Dated: 26/02/2021
- 16. This sanction order has been noted at serial No. 146 in the register of grants.

(Dr. Abhishek Kumar Mehta) Scientist-C

Dr. Abhishek Kumar Mehta Scientist 'C' Department of Biotechnology Govt. of India C.G.O. Complex, Lodhi Road New Delhi-110003

To The Pay & Accounts Officer Department of Biotechnology New Delhi-110003

Copy forwarded for information/necessary action to:-

- 1. The Principal Director of Audit (Scientific Dept.), AGCR Building, New Delhi-110 002.
- 2. Cash Section, DBT (2 copies).
- IFD, DBT.
- 4. The Registrar, University of Kashmir, Srinagar-190006 J&K
- 5. Dr. Khalid Majid Fazili, Prof & Head, Department of Biotechnology, University of Kashmir, Srinagar-6. Sanction folder.

(Dr. Abhishek Kumar Mehta) Scientist-C

Dr. Abhishek Kumar Mehta Scientist 'C'
Department of Biotechnology Govt. of India C.G.O. Complex, Lodhi Road New Delhi-110003

# The list of equipment and details of budget under NR head is as follows:

S.No.	Name of Equipment	NY AVE	(A)	mount in la
1	High Speed Centrifuge with multiple	No. of Unit	nit Amount (including GST)	
	rotors	01	12.75000	-6 331)
	Thermo Cycler			
100	UV -Vis Spectrophotometer	01	2.70000	
	Western Plant	01	5.97000	
	Western Blotting Apparatus	02	2.73000	
	Gel Documentation System	01	4.95000	
,	Spectrofluorimeter	01	17.00000	and the same
	Minor Equipments (Micro pipette, pH Meter, Balance, Incubator) (1 set each)	01	2.25000	
	(Rupees forty eight lakh and	Total:	48.35000	



Dr. Abhishek Kumar Mehta Scientist 'C' Department of Biotechnology Govt. of India C.G.O. Complex, Lodhi Road New Delhi-110003 List of equipments as per priority for PG teaching program.

#	Item	Estimated cost (in lacks)
1	High speed centrifuge with multiple rotors	15.0
2	Thermo cycler (PCR machine)	2.80
3.	UV-Visible spectrophotometer	6.00
4	Western blotting apparatus ( 2 sets)	2.00
5	Gel documentation System	4.95
6	Spectrofluorimeter	17.00
7	Minor equipments (Micro pipettes, pH meter, Balance, Incubator)	2.25
	Total	50.00

### Justification:

# 1. High speed centrifuge:

A high speed centrifuge with rpm >20,000 will be required for experiments demanding subcellular fractionation. The students will be fractionating cells into cytosolic, nuclear soluble and chromatin fractions to learn about differential sub-cellular distribution of different proteins. In addition it will also be used for demonstrating simple sedimentation based experiments.

# 2. Thermo cycler (PCR machine)

The PCR machine is an essential requirement in the Molecular Biology related experiments that include cloning and expression of various genes.

# 3. UV-Visible spectrophotometer:

The UV-Visible spectrophotometer will be required for the estimation of proteins, DNA and RNA in differ blotting samples. In addition, it will also be used by students to monitor the optical density of bacterial/yeast cultures. The spectrophotometer which was available at the department has become outdated and defunct, and lack of a reliable UV-Visible spectrophotometer is causing inconvenience to the students. Only one spectrophotometer is available and that has also recently become malfunctioned.

Signal Si

Hatraziai, U....

# 4. Western blotting apparatus:

SDS-PAGE-Western Blotting apparatus will be used for detection and estimation of relative levels of different proteins.

Western blotting apparatus- Two are available but don't suffice the requirements.

# 5. Gel documentation system

Gel documentation system would be required to analysis of protein and nucleic acids run of SDS-PAGE/western blotting and agarose gels, respectively. This will enable the students to learn techniques involved in identification and quantification of protein levels, which are indispensable for any person getting trained in biotechnology.

We have one high end Chemiluniniscence imaging system but one robust gel documentation system is required for training the PG students.

# 6. Spectrofluorimeter

A fluorescence spectrophotometer is required for experiments during the second semester related to protein quantification, ligand interaction and enzyme assays and kinetic measurements.

None is available.

# 7. Minor equipment

Minor equipments like micropipettes, pH meter, Incubators and electronic balance are required for routine lab work during all the semesters of the program. Minor equipments need to be replaced due to usual wear and tear.

Khalid Majid Fazili
Course coordinatechnology
Deptt. Of Kashmir
University of Kashmir

University of Kashmir Hazratbal, Sinagar Compose

Inbox

Starred Snoozed

Drafts

More

Q Search in mail

Mail

Chat

Spaces

Meet

Labels

- Forwarded message

Jammu and Kashmir

cell +919419003881

From: Sneh Lata <snehlata.singh@dbt.nic.in>

University of Kashmir, Srinagar -190006,

Date: Fri, Apr 23, 2021 at 5:50 PM

Subject: Regarding submitting two separate documents for different PG programs

To: <br/>
<a href="mailto:borahp@rediffmail.com">
<a href="mailto:borahp@rediffmail.co hiliprobin81@gmail.com>. <hoddirbtauc@gmail.com>, <directorcbt@annauniv.edu>, pr gogate <pr.gogate@ictmumbai.e</p> <jvalsamma@gmail.com>, <arupm1234@gmail.com>, <hodbiotech@veltech.edu.in>, <Venkateshwari@yahoo.com>, <dire</p> <gnarayan@bhu.ac.in>, <hodbiotech@unigoa.ac.in>, <rsathish@buc.edu.in>, indrani karunasagar <indrani.karunasagar@</p> <a href="headmbge@gmail.com">, <a href="mail.com">, <head.dbt@pondiuni.edu.in>, Hannah Rachel <hannah.dbt@pondiuni.edu.in>, <hrvasanthi@gmail.com>, head dobb <hea</p> pmumesh@gmail.com>, <smsinghbiotech@bhu.ac.in>, <singhsukhmahendra@gmail.com>, <dirsoab@pau.edu>, anil that <ksandeeu.25@yahoo.com>, <rpre>cprasad@ggn.amity.edu>, <bi/>ti-upendra@gbu.ac.in>, <inc-thiotechnology@utkaluniversity.ac</p> <bar>hatt1996@yahoo.com>, <ipanigrahi@khallikoieuniversity.ac.in>, <dripanigrahi@gmail.com>, mushtaq.cuhp <mushtaq.cu</p> <mohamedjaabir@nct.ac.in>, <bhtarvind@yahoo.com>, <chairmanbiotecijhpusml@gmail.com>, <devarshimistry@yahoo.c</p> desai classi@iar.ac.in>, <fazili@kashmiruniversity.ac.in>, <malikyps@gmail.com>, <hodbiotech@unipune.ac.in>, <rrrct</pre> <a href="mailto:chod.biotech@curaj.ac.in">hod.mbbt@tezu.ernet.in</a>, <a href="mailto:com">doley@tezu.ernet.in</a>, <a href="mailto:com">bajajbijenderk@gmail.com</a>, < <dean\_sbt@jnu.ac.in>, Pawan Dhar <pawandhar@mail.jnu.ac.in>, <hodbiotech@giet.edu>, <vc@giet.edu>, sk pandian <</p> <s s chauhan@hotmail.com>, debabrata sircar <debabrata.sircar@bt.iitr.ac.in>, head bio <head.bio@iitb.ac.in>, <parimal anuradha <<u>chakravarti.anuradha@pgimer.edu.in</u>>, <<u>superoxide14@gmail.com</u>>, <<u>bkkanaujia@yahoo.co.in</u>>, <<u>andrew@jni</u> Cc: Manoj Singh Rohilla <manojsrohilla.dbt@nic.in>, Sundeep Sarin <sundeep@dbt.nic.in>

Dear Sir and Madam,

This is regarding DBT PG teaching program implemented at your institute/ organization.

If your institute/organization is also running ongoing PG teaching program in addition to the new PG program (sanctioned in

Also, please mention a different name and year for each program along with sanction order no. issued by DBT, in the documents of the sanction order no.

With kind regards

Annerule - 3

# FILE NO CRG/2018/001182 SCIENCE & 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 20-May-2019

Subject: Financial Sanction of the research project titled "Role of UPRosome in differential regulation of IRE1a associated ribonuclease activities" under the guidance of Prof. Khalid Majid Fazili, Biotechnology, Kashinii University, Hazratbal rd, hazaratbal, srinagar, jk, Srinagar, Jammu and kashmir 190006 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. 4488000/- (Rs. Forty Four Lakh Eighty Eight Thousand Only) with break-up of Rs. 400000/- under Capital (Non-recurring) head and Rs. 4088000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4488000/- has been approved are given below

S No	Head	approved are given below
A	Non-recurring	
	Equipment -> Minispin -> Thermal Cycler	Total (in Rs.)
1	Total (Non-Recurring)	1000
	Recurring Items	
	Recurring - I: (Manpower) Recurring - II: (Consumables, Travel, Contingencies) Recurring - III: Scientific Social Responsibility	360000
	Recurring - IV (Overhead Charges)	3300000
	Total (Recurring)	20000
The state of	Total cost of the project (A' + B')	408000
	or the broject (A + B')	4088000
		4488000

- Sanction of the SERB is also accorded to the payment of Rs. 400000/- (Rupees Four Lakh only) under Grants for creation of capital assets' and Rs. 1376000/- (Rupees Thirteen Lakh Seventy Six Thousand only) under 'Grants-inand General to Registrar, Rashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK being the first installment of the grant for the year 2019-2020 for implementation of the said research project
- 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 Kashmir University, Hazratbal Rd, Hazaratbal, Srinagar, JK with the approval of the competent authority under delegated powers on 15 May, 2019 and vide Diary No. SERB/F/636/2019-2020 dated
- 5 Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website
- 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.
- 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
- 9 The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior
- 10 The release amount of Rs. 1776000/- (Rupees Seventeen Lakh Seventy Six 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 Dean Research, University of Kashmir