



# Department of Biochemistry

(Supported by DST-FIST)

## University of Kashmir

(NAAC Accredited Grade A<sup>+</sup>)

### RESEARCH PROJECTS UNDERTAKEN

TITLE	FUNDING AGENCY	AMOUNT SANCTIONED	PRINCIPAL INVESTIGATOR
<b>COMPLETED PROJECTS 2018 - 2023</b>			
● Expression analysis and polymorphism of CYP11, CYP17 and CYP19 gene and their relationship with hyperandrogenism and PCOS in Kashmiri women (2018-2021) (PI)	DHR, GOI	30 Lakhs	Prof. Shajrul Amin
● Role of histone acetylation in esophageal squamous cell carcinoma neovascularization (2019-2022) (PI)	DST-SERB	52 Lakhs	Prof. Nazir A Dar
● Elucidation of possible underlying epigenetic mechanisms in the development of aggressive vasculature of ESCC (2023-2026) (PI)	DST-SERB	24 Lakhs	
● Evaluating the role of Cullin E3 ubiquitin Ligases in autophagy (2019-2023) (PI)	DBT	56 Lakhs	Dr. M. Ashraf Dar
● Funds for Improvement of S&T Infrastructure (FIST) (2018-2023)	DST-SERB	88 Lakhs	Deptt. of Biochemistry
<b>ONGOING PROJECTS</b>			
● Lead molecule(s) from an ornamental plant to block cancer stem cell-driven colon carcinogenesis (2023-2025) (Co-PI)	CSIR	22 Lakhs	Prof. Shajrul Amin
● Elucidating the role of Angiopoietin-1/Angiopoietin-2 in infertility in polycystic ovarian syndrome women (2024-2025) (PI)	JK-STIC	06 Lakhs	Prof. Shajrul Amin
● Relation of the selected phase I xenobiotic metabolizing gene variants with ESCC patient survival.	JK-STIC	05 Lakhs	Prof. Nazir A Dar
● Lipin1: Investigating its role in mitotic regulation and tumorigenesis (2024-2025) (PI)	DST-SERB	58 Lakhs	Dr Shaida Andrabi
● Mechanistic regulation of homologous recombination by USP7-CRL4Cdt2 axis (2024-2027) (PI)	DST-SERB	64 Lakhs	Dr. M. Ashraf Dar
● Studying the role of selected kinases and phosphatases in mitotic regulation and resistance to antimetabolic drugs and their relevance to gynecological cancers (2025-2028) (PI)	DBT	91 Lakhs	Dr Shaida Andrabi

### ACKNOWLEDGEMENTS:



GOVERNMENT OF JAMMU & KASHMIR  
**J&K SCIENCE TECHNOLOGY & INNOVATION COUNCIL**

**Department of Science & Technology**

SDA Colony, Bemina, Srinagar, 5-B/C Gandhi Nagar, Jammu  
e-mail jkstic89@gmail.com

www.jkstic.jk.gov.in

Dr. Shajrul Amin  
Associate Professor & Head  
Department of Bio-Chemistry  
*Kashmir University, Sgr*

No: JKST&IC/SRE/130-34

Dated: 22-01-2024

Sub: Funding of Research Projects – Approval thereof.

Sir,

Apropos to the subject, the undersigned is directed to inform that your project titled " **Elucidating the role of Angiopoietin-1/Angiopoietin-2 system in infertility in Polycystic ovarian syndrome women** " has been approved by the expert/Technical committee for funding which shall be released in phased manner as per the availability of funds over a period of two years. In the first instance an amount of **Rs.120 000/= lakhs (40% of the 1st instalment** of Rs. **3,00,000/= Lakhs**) has been sanctioned and released vide Government Order No. 45-JK(ST) of 2023 dated 22-12-2023 in the official account of your institution. The terms and conditions governing the funding of the project are as below.

**Terms and Conditions**

1. PI's who have submitted more than one project or is already running JKST&IC project have been recommended for undertaking only one research project at a time.
2. The PI shall complete the research projects within the budget recommended by the Technical Evaluation / Advisory Committee and within stipulated time.
3. PI of the projects must be working as permanent Scientists/ Academicians.
4. International travel if any, is not permitted under the programme.
5. The overhead expenses (if any) will be given to the maximum 10% of the yearly budget excluding the cost of permanent equipment.
6. Any equipment procured under the said project shall be allowed to be used by any other research agency as and when needed.
7. Stock Register for any purchase made under the project should be properly maintained for audit purposes or as and when needed.
8. Laptops, DSLR's, cameras, printers not allowed to be procured.
9. Physical and financial progress of the projects should be communicated after every three months, or whenever asked for.





**STATEMENT OF EXPENDITURE (2 COPIES)**  
(for the period From 15th July 2017 To 14th - July-2020)

1. Sanction Order No. & Date :No.R11014/01/2017-HR Dated 31-05-2017
2. Total Sanctioned Project Cost (in Rs): Rs.29,66,080.00
3. Date of Commencement of the Project:15-07-2017
4. Grant Received in each year (in Rs):

1st Installment of 1st Year	2nd Installment of 1st Year	1st Installment of 2nd Year	3rd Year	4th Year	5th Year	Interest, if any	Total
9,23,180.00	4,53,180.00	3,96,635.00	0.00	0.00	0.00	1,531.00	17,74,526.00

5. Statement of Expenditure			Expenditure incurred							Balance	Remarks (Liability towards project amount yet to be released)
Sr. No.	Sanctioned Budget Heads	Amount Sanctioned	Amounts Released (in Rs)	1 <sup>st</sup> Year	2nd Year	3rd year	4th year	5th year	Total		
1	2	3	4	5	6	7	8	9	10= 5+6+7+8+9	11=4-10	12
1	Salaries	13,89,600.00	6,93,612.00	4,62,012.00	2,31,600.00	0.00	0.00	0.00	6,93,612.00	0.00	6,96,988.00
2	Equipment	4,70,000.00	4,70,000.00	4,27,844.00	0.00	0.00	0.00	0.00	4,27,844.00	42,156.00	0.00
3	Contingency	9,40,000.00	5,30,893.00	3,99,580.00	1,18,465.00	0.00	0.00	0.00	5,18,045.00	12,848.00	41,808.00
4	Travel	50,000.00	15,000.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	24,153.00
5	Overhead	1,16,480.00	63,490.00	43,160.00	20,330.00	0.00	0.00	0.00	63,490.00	0.00	0.00
6	Interest Earned /Accrued	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,531.00	0.00
7	Total	29,66,080.00	17,72,995.00	13,32,596.00	3,70,395.00	0.00	0.00	0.00	17,02,991.00	71,535.00	7,24,593.00

Note :The above statement includes committed liability towards the project of 2nd installment of 2nd year towards Salaries of Rs.2,16,600/- , 3rd year salaries of Rs.4,42,032, Contingency Rs.41,808/- and Travel Rs.24,153/-

2. An amount of Rs.2,503/- earned/accrued as interest from bank during the year 2019-20 has been refunded to DHR through NEFT Reference No.21533774

*Dr. Shajrul Amin*  
Name & Signature of Principal Investigator  
Date: \_\_\_\_\_  
Principal Investigator  
DHR Project

*[Signature]*  
Signature of Dean Research  
Dean Research  
University of Kashmir

*[Signature]*  
Name & Signature of Competent Financial Officer  
Date: \_\_\_\_\_  
The University of Kashmir  
Binnawa  
For Jan & Associates  
Chartered Accountants  
FRN 021909 N

- Note:
1. Expenditure under the sanctioned Heads, at any point of time should not exceed funds allocated under that Head, without prior approval.
  2. Utilization Certificate for each financial year ending 31st March has to be closed along with request for release of funds for the next year.

M No 5214/17





**GFR 12 - A**  
[(See Rule 238 (1))]

**FORM OF UTILIZATION CERTIFICATE  
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION**

UTILIZATION CERTIFICATE FOR THE PERIOD FROM 15<sup>th</sup> - July -2017 TO 14<sup>th</sup> - July -2020  
in respect  
of recurring/non-recurring GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL  
ASSETS

- Name of the Project /Scheme: Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with hyperandrogenism and PCOS in Kashmiri Women".
- Whether recurring or non-recurring grants. **Both**
- Grants position at the beginning of the Financial year:
  - Cash in Hand/Bank :Rs. Nil
  - Unadjusted advances :Rs. Nil
  - Total :Rs. Nil
- Details of grants received, expenditure incurred and closing balances:(Actual)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
-	4,034.00	2,503.00	No.R1101 4/01/2017- HR	31.05.2017	9,23,180.00	17,74,526.00	17,02,991.00	71,535.00
				12.09.2018	4,53,180.00			
				19.12.2019	3,96,635.00			
					17,72,995.00			

Note 1: Project have a committed liability of 2nd installment of 2nd year towards Salaries of Rs.2,16,600/- , 3rd year salaries of Rs.4,42,032, Contingency Rs.41,808/- and Travel Rs.24,153/-

2. An amount of Rs.2,503/- earned/accrued as interest from bank during the year 2019-20 has been refunded to DHR through NEFT Reference No.21533774

Component wise utilization of grants:

Grant-in-aid- General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
5,81,535.00	6,93,612.00	4,27,844.00	17,02,991.00

Details of grants position at the end of the year

- Cash in Hand/Bank: Rs. 71,535.00
- Unadjusted Advances :Rs. Nil
- Total : Rs. 71,535.00





Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under "Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with hyperandrogenism and PCOS in Kashmiri Women" (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure-II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) A detail of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure-III (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date:

Place:

Signature

Name

Chief Finance Officer  
(Head of the finance)  
University of Kashmir  
Srinagar

Principal Investigator

Dr. Shajrul Amin  
Principal Investigator  
DKR Project

Signature

Name

Head of the Organization

Dean Research  
University of Kashmir

For Amir Jan & Associates  
Chartered Accountants  
FRN 021903 W

M No 52141





**Department of Biochemistry**  
**The University of Kashmir**  
(NAAC Accredited grade "A")  
Srinagar, J&K

**Shajrul Amin, Ph.D.**  
Associate Professor  
Head,  
Department of Biochemistry

Telephone Res: 0194-2272300  
Mob: +919419018174

E- mail : shajrulamin@uok.edu.in  
shajrul@rediffmail.com

Deputy Secretary  
Department of Health Research,  
Ministry of Health and Family Welfare,  
Government of India  
New Delhi

Subject: Utilization certificate and statement of accounts for the project entitled "Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with Hyperandrogenism and PCOS in Kashmiri women"  
(No.R.11014/01/2017-HR)

Sir,

Please find enclosed consolidated Utilization certificate and Statement of Accounts from 15 July 2017 to 14 July 2020 for the research project entitled "Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with Hyperandrogenism and PCOS in Kashmiri women" (No.R.11014/01/2017-HR) for necessary action at your end.

Thanking and regards.

Yours sincerely

*Shajrul*  
31/3/2021  
Dr. Shajrul Amin  
PI, DHR Project.



**rediffmail**

Mailbox of shajrul

**Subject: Re: Comments on the Project Completion Report**

From: shajrul amin&lt;shajrul@rediffmail.com&gt; on Wed, 31 Mar 2021 14:53:25

To: "Dhr PMU1"&lt;dhrpmu1@gmail.com&gt;

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1 attachment(s) - dhr\_uc\_final041.pdf (4.11MB)

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Deputy Secretary  
Department of Health Research,  
Ministry of Health and Family Welfare,  
Government of India  
New Delhi

Subject: Consolidated Utilization certificate and statement of accounts for the project entitled "Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with Hyperandrogenism and PCOS in Kashmiri women" (No.R.11014/01/2017-HR)

Sir,

Please find the attached consolidated Utilization certificate and statement of accounts for the research project entitled "Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with Hyperandrogenism and PCOS in Kashmiri women" (No.R.11014/01/2017-HR) for the necessary action at your end.

Thanks and regards.

Yours sincerely

Dr. Shajrul Amin  
Principal Investigator

From: Dhr PMU1 <dhrpmu1@gmail.com>  
Sent: Mon, 14 Dec 2020 13:05:17  
To: shajrul amin <shajrul@rediffmail.com>  
Subject: Comments on the Project Completion Report

Dear Dr. Shajrul Amin,

I am directed to forward herewith the comments of Expert Committee (EC) on the Project Completion Report in r/o the research project entitled "Expression analysis and polymorphism of CYP11, CYP17 and CYP19 genes and their relationship with hyperandrogenism and PCOS in Kashmiri women" which are as under:

**Observations:** The Committee has gone through the Project Completion Report of the present study. After deliberation, the Committee noted that the present project was completed despite a long span of lockdown in Jammu and Kashmir. Though the PI has not been able to complete one of the objectives due to inability to undertake ovarian tissue study due to lockdown, the final report may be accepted.

**Recommendations:** The project may be closed after settlement of the project account.

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With Regards,

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Project Implementation and Management Unit  
Grant-in-Aid Scheme  
Department of Health Research  
Ministry of Health and Family Welfare  
Government of India  
New Delhi-110001  
Tel: 011-23736216

**No. BT/PR13605/MED/30/1525/2015**

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

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

**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 of novel oncogenic/ antiapoptotic protein kinases using library screening.**" for a period of 3 Year 0 Month at a total cost of Rs. **9967000** (Rupees Ninety Nine Lakhs Sixty Seven Thousand Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :**     "**Identification of novel oncogenic/ antiapoptotic protein kinases using library screening.**"

**2.2 Details of the Investigations:**

**Dr. Shaida Andrabi**

Assistant Professor  
Department of Biochemistry  
University of Kashmir  
University Campus, Hazratbal,  
Srinagar,Jammu And Kashmir,



**UTILIZATION CERTIFICATE**  
(For the financial year 16<sup>TH</sup> JANUARY 2017 to 15<sup>TH</sup> JULY 2020 )

(Amount in Rs.)

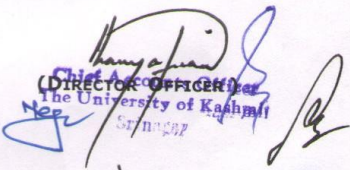
1. Title of the Project/Scheme:	<b>"Identification of novel oncogenic/ antiapoptotic protein kinases using library screening."</b>
2. Name of the Institute :	<b>University of Kashmir</b>
3. Principal Investigator:	<b>Dr. Shaida Andrabi</b>
4. Department of Biotechnology sanction order No. & date of sanctioning the project :	<b>BT/PR13605/MED/30/1525/2015 16.01.2017</b>
5. Amount brought forward from the previous financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given:	<b>Nil</b>
6. Amount received from DBT during the financial year (Please give No. & dates of sanction orders showing the amounts paid):	<b>86,50,551.00</b>
7. Other receipts/interest earned, if any, on the DBT grants:	<b>56,714.00</b>
8. Total amount that was available for expenditure during the financial year (S. No. 5,6 and 7):	<b>87,07,265.00</b>
9. Actual expenditure (Including commitments incurred during the period) (statement of expenditure is enclosed):	<b>97,45,390.00</b>
10. Unspent balance refunded, if any (Please give details of cheque No. etc.):	<b>Nil</b>
11. Balance amount available at the end of the period/project:	<b>(-10,38,125.00)</b>

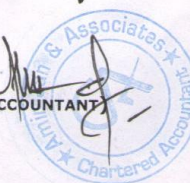
Certified that the amount of Rs. **97,45,390.00** mentioned against col. 9 (Included the Committed Expenditure of Rs. 10,42,903/-) has been utilized on the project/scheme for the purpose for which it was sanctioned and that the debit balance of **(-10,38,125.00)** remained at the end of the project/period which is receivable from DBT .

2. Certified that we have satisfied ourselves that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that we have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

  
(PROJECT INVESTIGATOR)

  
(HEAD OF THE INSTITUTE)  
University of Kashmir

  
(CHARTERED ACCOUNTANT)





FILE NO. CRG/2022/005131  
**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: 19 February, 2024

**ORDER**

Subject: Financial Sanction of the research project titled **Lipin-1: Investigating its role in mitotic regulation and relevance to tumorigenesis** under the guidance of Dr. Shaida Andrabi, Biochemistry, 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. 5827360/-** (Rs. Fifty Eight Lakh Twenty Seven Thousand Three Hundred and Sixty Only) with break-up of **Rs. 210000/- under Capital (Non-recurring) head** and **Rs. 5617360/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 5827360/-** has been approved are given below:

The following budget may be considered for **Kashmir University, Hazaratbal**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Western blotting apparatus	210000
A'	Total (Non-Recurring)	210000
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Research Personnel) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	777600 4300000 10000
2	Recurring - IV : (Overhead Charges)	529760
B'	Total (Recurring)	5617360
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>5827360</b>

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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 SERB.
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 research personnel 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



**No. BT/PR22294/BRB/10/1660/2018**

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated: 28.09.2019

**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: **"Evaluating the Role of Cullin E3 Ubiquitin Ligases in Autophagy"** for a period of 3 Year 0 Month at a total cost of Rs. **5650500** (Rupees Fifty Six Lakhs Fifty Thousand Five Hundred Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "Evaluating the Role of Cullin E3 Ubiquitin Ligases in Autophagy"

**2.2 Details of the Investigators:**

**Dr. Mohd Ashraf Dar**

Ramalingaswami Fellow

Biochemistry, University of Kashmir

Department of Biochemistry, University of Kashmir, Hazratbal, Srinagar, Jammu And Kashmir, 190006

**CO-PI:**

**Dr. MOHD ALTAF BHAT**

ASSISTANT PROFESSOR

BIOTECHNOLOGY

University of Kashmir

DEPARTMENT OF BIOTECHNOLOGY, UNIVERSITY OF KASHMIR, Srinagar - 190006,  
Jammu And Kashmir

**2.3 Objectives:**

1. Screening of Cullin E3 ubiquitin ligases regulating autophagy
2. Identification of autophagy specific cullin substrate receptors and confirming their role in regulation of autophagy
3. Generation of Cullin E3 ligase knockout cell lines using CRISPR-Cas9 technology (or shRNA) to study the regulation of autophagy with respect to human diseases

**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. **5650500/-** (Rupees Fifty Six Lakhs Fifty Thousand Five Hundred Only) as per details given below :



FILE NO. CRG/2023/006427

**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: 18 March, 2024

**ORDER**

Subject: Financial Sanction of the research project titled **Regulatory mechanism of homologous recombination by USP7-CRL4Cdt2 axis** under the guidance of Dr. Mohd Ashraf Dar, Department of Biochemistry, University of Kashmir, 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. 6390560/- (Rs. Sixty Three Lakh Ninety Thousand Five Hundred and Sixty Only) with break-up of Rs. 1000000/- under Capital (Non-recurring) head and Rs. 5390560/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 6390560/- has been approved are given below:

The following budget may be considered for Kashmir University, Hazaratbal

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Centrifuge -> -80 deep freezer	1000000
A'	Total (Non-Recurring)	1000000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	849600 3900000 60000
2	Recurring - IV : (Overhead Charges)	580960
B'	Total (Recurring)	5390560
C	Total cost of the project (A' + B')	6390560

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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 SERB.

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.



# NON-RECURRING

GFR 12 - A

[(See Rule 238 (1))]

## UTILIZATION CERTIFICATE (UC) FOR THE YEAR: 2022-23

in respect of NON-RECURRING

as on 31/08/2022 to be submitted to SERB

The UC is Audited

(Submitted for the financial year from 1<sup>st</sup> April 2022 to 31<sup>st</sup> August 2022)

1. Name of the grant receiving Organization: **University of Kashmir, Srinagar (J&K)**
2. Name of Principal Investigator(PI): **Dr. Nazir Ahmad Dar**
3. SERB Sanction order no. & date No. **CRG/2018/000202** Dated: **26-Mar-2019**
4. Title of the Project: **"Role of Histone Acetylation in Esophageal Squamous Cell Carcinoma Neovascularization "**
5. Name of the SERB Scheme: **CRG**
6. Whether recurring or non-recurring grants: **Non-recurring**
7. Grants position at the beginning of the Financial year (Grants released by SERB)

- i. Cash In Hand/Bank /Carry forward from previous financial year : **Rs. Nil**
- ii. Others, if any : **Rs. Nil**
- iii. **Total** : **Rs. Nil**

### 8. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balance of Grants received previous years [figure as at Sl. No. 7(iii)]	Interest earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			
-	-	-	CRG/2018/000202	-	-	-	-	-

### Component wise utilization of grants:

Grants-in-aid-creation for assets	Total
-	-

### Details of grants position at the end of the year

- i. Cash in Hand/Bank : **Rs. Nil**
- ii. Refunded to SERB, if any : **Rs. Nil**
- iii. Balance (Carry forward to next financial year) : **Rs. Nil**

Signature of PI: **Nazir Ahmad Dar**  
Professor  
Department of Biochemistry  
University of Kashmir, Srinagar

Signature with Seal: .....  
Name: .....  
Chief Finance Officer  
(Head of Finance)

Signature with Seal: .....  
Name: .....  
Head of Organization

Signature: .....  
Chartered Accountant

Dean Research  
University of Kashmir





वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद  
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH  
मानव संसाधन विकास समूह (एचआरडीजी)  
HUMAN RESOURCES DEVELOPMENT GROUP (HRDG)  
बाह्य अनुसंधान प्रभाग (ईएमआर-II)  
EXTRAMURAL RESEARCH DIVISION (EMR-II)  
सीएसआईआर कॉम्प्लेक्स, पूसा, नई दिल्ली - 110 012  
CSIR COMPLEX, PUSA, NEW DELHI - 110 012



संख्या: 27/0391/23/EMR-II

दिनांक:- 14/07/2023

स्वीकृति आदेश/ SANCTION ORDER

Prof. Nazir Ahmad Dar  
Biochemistry  
University of Kashmir  
Srinagar-190006  
Jammu And Kashmir

Subject: Grant-in-aid & Financial Sanction of the Research Project entitled "ELUCIDATION OF POSSIBLE UNDERLYING EPIGENETIC MECHANISMS IN THE DEVELOPMENT OF AGGRESSIVE VASCULATURE OF ESOPHAGEAL SQUAMOUS CELL CARCINOMA"

महोदय/महोदया,

मुझे उपरोक्त शीर्षक वाले आपके प्रस्ताव का सीएसआईआर योजना की मंजूरी के संदर्भ में आपके नीचे दिए गए विवरण के अनुसार डीजी सीएसआईआर के अनुमोदन से अवगत कराने का निर्देश दिया गया है:

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.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	NIL		
III	Contingency (per annum in ₹)	1 <sup>st</sup> Year : 12,20,000/-	2 <sup>nd</sup> Year : 5,20,000/-	3 <sup>rd</sup> Year : 5,20,000/-
IV	Equipment (lumpsum in ₹) (-20 DEEP FREEZER)	1,80,000		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- The sanctioned scheme shall start from the date of issue of the letter or within 3 months from the date of issue of the letter or commenced as soon as some expenditure has been incurred out of the grant/date of joining of fellow, unless otherwise authorized by CSIR, failing which the scheme will be treated as withdrawn.
- The Institute should ensure to provide
  - a certificate by the PI countersigned by the Head of the department/institution that no other aid-giving agency is funding the work proposed to be done under the scheme sanctioned by CSIR (non-funding certificate);
  - an agreement in the prescribed Form-A on non-judicial stamp paper of Rs 10/- (each page duly signed by PI);
  - date of commencement and
  - RB!-NEFT form (Form-K) to CSIR-HRDG immediately after the receipt of sanction letter.
  - Acceptance Certificate.

Sanction of the grant to appointment of JRF/SRF/RA under this scheme is subject to the conditions as attached. Staff Stipend" will be utilized from the date the Research Fellow/Associate joins duty in accordance with the rules stipulated in the terms and conditions and he/she will be paid stipend after receipt of approval of appointment from CSIR. Further, Selection of JRF/SRF/RA should be strictly as per CSIR HRDG guidelines available on website and the sample advertisement is attached for reference. Not following the guidelines will lead to disapproval of fellow appointment.



GOVERNMENT OF JAMMU & KASHMIR  
**J&K SCIENCE TECHNOLOGY & INNOVATION COUNCIL**  
**Department of Science & Technology**

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Dr. Nazir Ahmad Dar  
Associate Professor  
Department of Bio-chemistry

No: JKST&IC/SRE 1145-49

Dated: 22-01-2024

Sub: Funding of Research Projects – Approval thereof.

Sir,

Apropos to the subject, the undersigned is directed to inform that your project titled " **Relation of the selected phase-1 xenobiotic metabolizing gene variants with esophageal squamous cell carcinoma patient survival** " has been approved by the expert/Technical committee for funding which shall be released in phased manner as per the availability of funds over a period of two years. In the first instance an amount of **Rs.120000/= lakhs (40% of the 1st instalment** of Rs. **3,00,000/= Lakhs**) has been sanctioned and released vide Government Order No. 45-JK(ST) of 2023 dated 22-12-2023 in the official account of your institution. The terms and conditions governing the funding of the project are as below.

**Terms and Conditions**

1. PI's who have submitted more than one project or is already running JKST&IC project have been recommended for undertaking only one research project at a time.
2. The PI shall complete the research projects within the budget recommended by the Technical Evaluation / Advisory Committee and within stipulated time.
3. PI of the projects must be working as permanent Scientists/ Academicians.
4. International travel if any, is not permitted under the programme.
5. The overhead expenses (if any) will be given to the maximum 10% of the yearly budget excluding the cost of permanent equipment.
6. Any equipment procured under the said project shall be allowed to be used by any other research agency as and when needed.
7. Stock Register for any purchase made under the project should be properly maintained for audit purposes or as and when needed.
8. Laptops, DSLR's, cameras, printers not allowed to be procured.
9. Physical and financial progress of the projects should be communicated after every three months, or whenever asked for.
10. Funds for approved proposals shall be released only as per rules of the JKST&IC.