

REGIONAL CENTER FOR BIOTECHNOLOGY
क्षेत्रीय जैव प्रौद्योगिकी केंद्र

Ref.No. BT/RLF/Re-entry/52/2017
Department of Biotechnology
Ministry of Science & Technology

NCR Biotech Science Cluster
Faridabad-Gurgaon Expressway
Faridabad, Haryana 121001

Dated:21/12/2020.

ORDER

Sanction of the Competent Authority of the Regional Centre for Biotechnology is hereby accorded for the implementation of the project entitled "**Development and characterization of *in vitro* models to identify novel therapeutic targets for Indian Esophageal Cancer patients**" awarded to Dr. Muzafar Ahmad Macha, Islamic University of Science and Technology (IUST), Awantipora, Kashmir-192122, at a total cost of Rs. **1,13,60,000/-** (Rupees One Crore Thirteen Lakh Sixty Thousand only) as a part of his Ramalingaswami Re-entry Fellowship 2017-18 w.e.f. **18th August 2020** on the terms and conditions detailed as per under: -

2.0 The Project

2.1 Project Title: "Development and characterization of *in vitro* models to identify novel therapeutic targets for Indian Esophageal Cancer patients".

2.2 Investigator

Name of the Awardee:

Dr. Muzafar Ahmad Macha
Islamic University of Science and Technology
(IUST), Awantipora, Kashmir-192122

Objectives:

- Establishment of novel cell lines from KEC and AMMNEC patients.
- Characterization of the established cell lines and their comparison with cell lines derived from western patients (available at American Type Culture Collection ATCC).
- Highthroughput RNA-Seq and Proteomic analysis to identify novel genetic and proteomic perturbations and discover novel therapeutic targets.
- Validation of the therapeutic targets in KEC and AMMNEC patient samples.
- Development of novel therapeutic approaches for identifying novel targets for KEC and AMMNEC.
- Characterization of the established cell lines and their comparison with cell lines derived from western patients (available at American Type Culture Collection ATCC).

2.3 Time Schedule

The duration of the fellowship is 5 years w.e.f. **18th August 2020.**

2.4 Fellowship Amount

(Amount in Rs.)

Head	1 st Yr.	2 nd Yr.	3 rd Yr.	4 th Yr.	5 th Yr.	Total
Fellowship @ Rs. 1,00,000/- p.m. consolidated	12,00,000/-	12,00,000/-	12,00,000/-	12,00,000/-	12,00,000/-	60,00,000/-
Research/Contingency grant	10,00,000/-	10,00,000/-	7,50,000/-	7,50,000/-	5,00,000/-	40,00,000/-
HRA @ Rs. 18,500/- p.m. consolidated	2,22,000/-	2,22,000/-	2,22,000/-	2,22,000/-	2,22,000/-	11,10,000/-
Overheads Rs. 50,000/- per year	50,000/-	50,000/-	50,000/-	50,000/-	50,000	2,50,000/-
Total	24,72,000/-	24,72,000/-	22,22,000/-	22,22,000/-	19,72,000/-	1,13,60,000/-

2.5 The research/contingency grant may be utilized for the purchase of consumables, minor equipment, international and domestic travel, engaging manpower and other contingent expenditure to be incurred in connection with the implementation of the project.

3. a) If the host institute is providing free accommodation, no House Rent Allowance (HRA) is admissible and same needs to be refunded to the department.

b) If the host institute is deducting HRA and license fee for the accommodation provided, then the same may be recovered from the HRA being paid to the fellow. However, reimbursement shall be limited to the HRA being paid by the DBT, Govt. of India. Excess recovery, if any, has to be made by the host institute directly from the fellow.

4. As regards the medical benefits, host institute may consider giving medical benefits from their own resources at level of Scientist 'D' as applicable to their regular faculty.

5. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent per annum thereon shall be recovered.

6. The expenditure involved is debitable to Grants-in-aid General.

7. The Accounts of the grantee institution shall be open to inspection by the sanctioning authority/ audit.

8. The Registrar, Islamic University of Science and Technology (IUST), Awantipora, Kashmir-192122 to furnish to this Department 'Utilization Certificate' and an audited 'Statement of Expenditure' at the end of each financial year.

9. This issues with the approval of the Competent Authority of the Regional Centre for Biotechnology, Faridabad.

10. This sanction order has been noted at Serial No. 7 in the Grants Registrar.


(Registrar)
RCB, Faridabad

To
A.O (Finance)
Regional Centre for Biotechnology
NCR Biotech Science Cluster
Faridabad-Gurgaon Expressway
Faridabad, Haryana 121001

Copy forwarded for information/ necessary action to:

1. Registrar's Office, RCB.
2. File copy, HRD-PMU
3. Dr. Muzafar Ahmad Macha
Islamic University of Science and Technology (IUST),
Awantipora, Kashmir-192122
4. The Registrar
Islamic University of Science and Technology (IUST),
Awantipora, Kashmir-192122
5. Sanction Folder


(Registrar)
RCB, Faridabad