

DBT-404

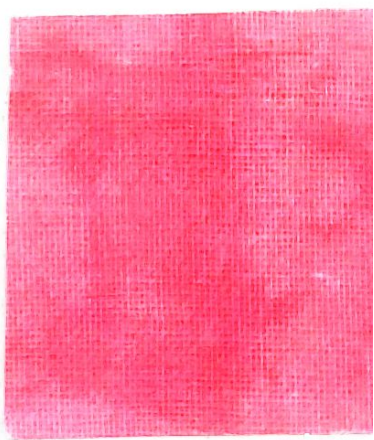
दिल्ली विश्वविद्यालय
UNIVERSITY OF DELHI

फाइल संख्या Scheme Code. 150
File No.

Dr. Sandip Das.



U "Characterization of miR159 ..
F/A DBT



विभाग Botany

Department _____

विषय Total Cost Rs. 6766720/-

Subject ence of the Project 12/9/2019 to 11/9/2022

अनुभाग Extended up to 11/3/2023 (six months)

Section _____

No. BT/PR31101/AGIII/103/1100/2018
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 12.09.2019

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: "Characterization of role of miR159 in male-meiosis and filament elongation in *Brassica juncea* and *Arabidopsis thaliana*: Strategies for crop improvement" for a period of 3 Year 0 Month at a total cost of Rs. 6766720 (Rupees Sixty Seven Lakhs Sixty Six Thousand Seven Hundred and Twenty Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Characterization of role of miR159 in male-meiosis and filament elongation in *Brassica juncea* and *Arabidopsis thaliana*: Strategies for crop improvement"

2.2 Details of the Investigators:

Dr. Sandip Das
Associate professor
Department of Botany,
University of Delhi, North Campus,
Delhi - 110007

CO-PI:

Dr. Yashwanti Mudgil
Assistant Professor
Department of Botany,
University of Delhi, North Campus, Delhi - 110007

2.3 Objectives:

1. To perform functional characterization of MIR159 from *Brassica juncea*.
2. To establish that miR159 together with auxin and jasmonic acid are key common molecular signal for meiosis and filament elongation.
3. To identify transcripts involved in stamen development during pre-meiotic and post-meiotic stages of *Brassica juncea* and *Arabidopsis thaliana* and perform validation of selected novel transcripts identified from *B. juncea*.

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. 6766720/- (Rupees Sixty Seven Lakhs Sixty Six Thousand Seven Hundred and Twenty Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total (Rs.)
Equipment	550000.00			550000.00
Manpower	922560.00	922560.00	1041600.00	2886720.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	10000.00	10000.00	10000.00	30000.00
Consumables	1000000.00	1000000.00	1000000.00	3000000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Total (Rs.)	2582560.00	2032560.00	2151600.00	6766720.00

2.6 Equipment:

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



डॉ. संजय कालिया / Dr. Sanjay Kalia
वैज्ञानिक ई / Scientist E
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology
विज्ञान और प्रौद्योगिकी मंत्रालय / Min. Science & Tech
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi