

**UNIVERSITY OF MYSORE**

DEPARTMENT OF STUDIES IN GENETICS AND GENOMICS  
UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU -  
570006

MAJOR PROJECT REPORT

**THE TRANSCRIPTOMIC DIFFERENCES  
BETWEEN PRE-ADIPOCYTES AND  
MATURE ADIPOCYTES**

**SUBMITTED BY:**

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M.SC. GENETICS, IV SEMESTER

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**UNDER THE GUIDANCE OF:**

DR. S S MALINI

CHAIRPERSON AND PROFESSOR

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UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSURU -  
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**CERTIFICATE**

This is to certify that the minor project entitled "THE TRANSCRIPTOMIC DIFFERENCES BETWEEN PRE-ADIPOCYTES AND MATURE ADIPOCYTES" is a record of work done by **Sahana M**, Department of Genetics and Genomics, University of Mysore, Manasagangothri, Mysuru, Karnataka. This work has not been the basis of any degree, diploma, internship, and scholarship of any other similar titles previously.

Date: 30/09/2023  
Place: Mysuru

*S S Malini*  
Dr. S S Malini 25/9/23  
**Project Guide and Chairperson**  
ಅಧ್ಯಕ್ಷರು  
ಜನಿಟಲ್ & ಜನೋಮಿಕ್ಸ್ ಅಧ್ಯಯನ ವಿಭಾಗ  
ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
ಮನಸಾಗಂಗೋತ್ರಿ, ಮೈಸೂರು - ೫೭

UNIVERSITY OF MYSORE  
DEPARTMENT OF POST GRADUATE  
STUDIES AND RESEARCH IN  
GENETICS AND GENOMICS  
**VALUED**  
EXAMINATION  
M.Sc. (.....)  
Examiners: 1. *S S Malini* 30/9/23  
2. *[Signature]* 30/9  
3. *[Signature]* 30/9/23

7) *Pratheek K P*  
30/9/23  
5) *Mukha Chintamani*  
30/9/23  
6) *[Signature]* SC  
30/09/23