



UNIVERSITY OF MYSORE

DEPARTMENT OF STUDIES IN GENETICS AND  
GENOMICS

MANASAGANGOTRI, MYSURU-570006

C4 MAJOR PROJECT REPORT

**TOPIC** : Role of *SIRT1* and *FOXO3* genes under **Oxidative stress** conditions on **Type2 Diabetes mellitus**

**SUBMITTED BY:**

RAKSHITHA N

Department of Studies in Genetics and Genomics

University of Mysore

Reg No: P01ZZ21S0351

**GUIDE:**

Prof. S S Malini

Department of Studies in Genetics and Genomics

University of Mysore

**CERTIFICATE**

This is to certify that the dissertation entitled “**Role of SIRT1 and FOXO3 genes under Oxidative Stress conditions on Type2 Diabetes mellitus**” is the record of the original work done by **Ms. Rakshitha N** (Reg no:P01ZZ21S0351) Under the guidance of **Prof. S S Malini** for the award of Master Degree in the Department of studies in Genetics and Genomics, University of Mysore. The results of the research presented in this dissertation have not previously formed the basis for the award of any degree, diploma (or) certificate of this University (or) any other University (or) Institute.

DATE: 25/09/2023

*S S Malini*  
Prof. S S Malini 25/9/23  
Professor and chairperson

Department of studies in Genetics and Genomics

University of Mysore  
ಅಧ್ಯಕ್ಷರು  
ಜನಿಟಿಕ್ಸ್ & ಜನೋಮಿಕ್ಸ್ ಅಧ್ಯಯನ ವಿಭಾಗ  
ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
ಮಾನಸಂಗನೋತ್ಪ, ಮೈಸೂರು - 06

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M.Sc. (.....)  
Examiners: 1. *S S Malini* 6/10/23  
2. *[Signature]* 6/10

- 3. *Pratheek K P* 6/10/23
- 4. *[Signature]* 06/10/23
- 5. *Mukhal Chaturvedi* 06/10/23