

Declaration

I hereby declare that the work included in the Ph.D. Thesis entitled “**Establishment and Validation of In-vitro Model of Adipose Tissue Associated Macrophages in Obesity and Diabetes**” for the degree of “Doctor of Philosophy” is an original research work accomplished under the supervision of Dr. Sanjeev K Upadhyay, Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara - 390002, Gujarat, India. I also declare that the contents of the Thesis have not been previously produced in any form for the award of any degree, diploma, fellowship or associateship of any other similar title or recognition.

I further declare that whatever references have been made, to the work of others, has been clearly indicated and included in the references. Materials and help obtained from other sources have been duly acknowledged in the Thesis.

Place: Vadodara

Karishma Bhatia

Date: 1st Aug, 2024

(Ph.D. Candidate)