

This is to certify that the thesis enitled "Evaluation of role of adipokines in atherosclerosis" submitted for Ph. D. Degree in Pharmacy by Jogeswar Mohapatra incorporates the original research work carried out by his under my supervision.

Dr. Mukul R. Jain (Guide) Senior Vice president and Head Department of Pharmacology Zydus Research Centre, Ahmedabad

Prof R. Balaraman

(Co-Guide) Professor in Pharmacology Pharmacy Department, Faculty of Technology and Engneering The M.S. University of Baroda, Vadodara

Prof. R. Balaraman

Pharmacy Department Faculty of Tech and Engg. M. S. Univ. of Bargda, Baroda-390 002.

WHN

Pharmacy Department Faculty of Technology & Engineering The M.S. University of Baroda, Vadodara

Planacy Department

Dean

Faculty of Technology & Engineering The M.S. University of Baroda, Vadodara

Offg. Dean Faculty of Tech. & Engg. M. S. University of Baroda, Baroda.