I, S. Kumaran, hereby declare that the thesis entitled “Studies on mitochondrial structure and functional alteration in aged rat skeletal muscle: Role of L- carnitine and DL - α - lipoic acid” is a record of independent research work done by me during the period of my study under the guidance of Prof. C. Panneerselvam, Department of Medical Biochemistry, Dr. AL Mudaliar PG Institute of Basic Medical Sciences, University of Madras, Taramani, Chennai – 600 113 and that it has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar titles.

Place: Chennai – 600 113

Date : 15th Dec, 2004

(S. KUMARAN)