

PREFACE

The research work embodied in this thesis entitled "**STUDIES ON TEICHOIC ACID**" has been carried out by me since July, 1985 upto date in the Department of Biochemistry and Biophysics, Kalyani University, Kalyani-741235, under the kind supervision of Dr. M.K. Pal, Professor of this department.

The work described in this thesis illustrates conformational studies of **Staphylococcus aureus** wall teichoic acid by using spectrophotometric and circular dichroic probes of their metachromatic compounds with achiral planar and nonplanar cationic dyes as ligands. It also describes the spectroscopic probe of the interactions of different drugs and metal ions with teichoic acid.

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