CONTENTS

CHAPTER I  General Introduction and the Scope of the Present Investigation  1-20

CHAPTER II  Materials and Methods  21-27

CHAPTER III  Changes in DNA, RNA, protein and the activities of acid and alkaline deoxyribonucleases in different regions of developing and aging rat brain  28-56

CHAPTER IV  Effect of early postnatal nutritional deprivation on DNA, RNA, protein and DNases in different regions of rat brain  57-81

CHAPTER V  Increased DNA polymerase β-activity in different regions of aging rat brain  82-91

CHAPTER VI  General Discussion  92-102

General Summary  103-106

References  107-116