

## CONTENTS

CHAPTER		PAGE
	INTRODUCTION	1
1	Effects of castration and adrenalectomy on lipid metabolism of the preputial glands of male rats.	12
2	Activities of certain dehydrogenases in the preputial gland of normal, castrated and adrenalectomized-castrated rats.	23
3	Histochemical observations on certain hydroxy-steroid dehydrogenases in the rat preputial gland.	40
4	An experimental approach to the study of innervation of the rat preputial gland.	56
5	<u>In vitro</u> characterization of adrenergic receptors mediating extrusion of preformed sebum from preputial gland of rat.	75
6	Effects of castration, adrenalectomy, sympathomimetic and parasympathomimetic agents on the activities of phosphomonoesterases of the preputial gland.	80
7	Effects of adrenergic agents on the preputial gland : A histomorphometric study.	92
8	Effects of isoproterenol on hydroxysteroid dehydrogenases of preputial gland of male rat.	102
	SUMMARY AND GENERAL CONSIDERATIONS	110
	BIBLIOGRAPHY	122