CONTENTS

1. Abbreviations

2. General Introduction

3. Review of Literature
   i) Section I
       Mechanism of action of estrogen
   ii) Section II
       Antiestrogens and their actions
   iii) Section III
       Role of estrogen and progesterone in uterus

4. Chapter I
   Changes in uterine estrogen and progesterone receptor isoforms in ovariectomized hormonally treated rats and during pre-implantation period under the influence of centchroman
   i) Introduction
   ii) Materials and methods
   iii) Results
   iv) Discussion

5. Chapter II
   Modulation of estrogen action mediated via ERE and AP-1 pathway by centchroman
   i) Introduction
   ii) Materials and methods
   iii) Results
   iv) Discussion

6. Summary

7. References