# CHAPTER 42

# PHARMACY

# Doctoral Theses

467. ASHOK KUMAR
Sexual Dysfunction in Males.
Supervisors : Prof. S.S. Agrawal
Th 19931

Contents

1. Introduction. 2. Review of literature. 3. Aim and objectives. 4. Materials and methods. 5. Results. 6. Discussion. 7. Conclusions. 8. Bibliography. 9. Appendices.

 468. DADRWAL (Subhash Chand)
Design and Evaluation of Chronopharmaceutical Drug Delivery Systems of Antihypertensive Drugs.
Supervisor : Prof. S.S. Agrawal <u>Th 19930</u>

#### Contents

1. Introduction. 2. Review of literature. 3. Drugs and excipients profile. 4. Materials and methods. 5. Results and discussion. 6. Summary, conclusion and bibliography.

469. DIVYA
Synthesis of some potential Spermicides
Supervisor : Dr. Monica Gupta
<u>Th 19934</u>

Contents

1. Introduction. 2. Present status of spermicidal agents. 3. Methods and materials. 4. Synthesis and evaluation of dialkylamino-1-carbodithioic acid 3-(1,3-dioxo-1,3-dihydro-isoindol-2-yl) -2-hy-droxy-propyl ester. 5. Synthesis and evaluation of

163

phenylpropanamine analogs. 6. Synthesis and evaluation of 3substituted -1-phenyl-1-(propoxymethyl)-mono/dialkyal-amine. 7. Conclusion. 8. References. 9. Publication and presentation.

470. DUBEY (Vishal)

Synthesis and Pharmacological Evaluation of amino Acids and Peptide Conjugates of Dopamine. Supervisor : Prof. B. P. Srinivasan Th 19918

#### Contents

1. Introduction. 2. Review of literature. 3. Experimental. 4. Results and discussion. 5. Summary and conclusion. Bibliography, appendices and publications.

471. GANDHI (Sonia)

# Investigation of New Pharmacological Interventions for Diabetic Nephropathy in experimentally induced NIDDM in rats.

Supervisor : Prof. B.P.Srinivasan <u>Th 19932</u>

#### Contents

1. Introduction & Background. 2. Need for the study. 3. Review of Literature. 4. Experiment design. 5. References. and annexures.

472. GULLAIYA (Sumeet)

To Compare and Evaluate the Individual Pharmacological Efficacy and Potential of Isolated Curcumin I, Curcumin II and Curcumin III and Their Combination. Supervisor : Prof. B. P. Srinivasan

Th 19917

# Contents

1. Introduction. 2. Review of literature. 3. Aim and objectives. 4. Materials and methods. 5. Results. 6. Discussion. 7. Conclusions. 8. Bibliography and appendices.

#### 473. JACOB (Jemi)

Synthesis of Some Heterocyclic Compounds and Evaluate Their Anti-Inflammatory and Other Biological Activities. Supervisor : Prof. Sharad Wakode Th 19935

# Contents

1. Introduction. 2. Literature review. 3. Experimental. 4. Results and discussion. 5. Conclusion, references and appendix.

KAWADKAR (Jitendra)
Formulation and Evaluation of Novel Microparticulate
Systems For the Treatment of Rheumatoid Arthritis.
Supervisor : Dr. Meenakshi K. Chauhan
<u>Th 19918</u>

## Contents

1. General introduction. 2. Genipin crosslinked chitosan microspheres of flurbiprofen for intra-articular delivery. 3. Genipin crosslinked gelatin microspheres of flurbiprofen for intra-articular delivery. 4. Flurbiprofen-loaded nanostructured lipid carriers for transdermal delivery. 5. Synopsis of research work. 6. Conclusion, references and appendices.

475. NAGAR (Ashish)

Assessment of Anti-Asthmatic Efficacy of Achillea Millifolium and Rubia Cordifolia in Wistar Albino Rats. Supervisor : Prof. B. P. Srinivasan

<u>Th 20110</u>

### Contents

1. Introduction. 2. Review of literature. 3. Aim and objectives. 4. Materials and methods. 5. Results. 6. Discussion. 7. Conclusion, references and appendices.

476. NAQVI (Salma)

# Evaluation of Herbal Drugs for the Treatment of Diabetic Retinopathy in Experimental Models and to Study Their Molecular Machanisms.

Supervisors : Prof. S. K.Gupta and Prof. S.S. Agarwal <u>Th 19929</u>

## 164

# 165

# Contents

1. Introduction. 2. Review of literature. 3. Aim and objectives. 4. Materials and methods. 5. Results. 6. Discussions. 7. Summary and conclusions. 8. References. 9. Annexures.

SHARMA (Mani)
Synthesis of Substituted Aromatic Heterocycle Based DPP IV
Inhibitors: Fluoropyrrolidine and Related Structural Types.
Supervisor : Dr. Monica Gupta
<u>Th 19933</u>

# Contents

1. Introduction. 2. Review of literature. 3. Molecular docking. 4. Methods and materials. 5. Objectives of the study. 6. Synthesis, evaluation and molecular docking of thiazolopyrimidine derivatives as dipeptidyl peptidase IV inhibitors. 7. Synthesis, evaluation and molecular docking of thiouracil derivatives as dipeptidyl peptidase IV inhibitors. 8. Synthesis, evaluation and molecular docking of prolyl-fluoropyrrolidine derivatives as dipeptidyl peptidase IV inhibitors. 9. Conclusions and references.

 478. SOLE (Sushant Shivdas)
Evaluation of Antidiabetic and Antioxidant Activity of Tamarindus Indica for NIDDM in Rats.
Supervisor : Prof. B. P. Srinivasan Th 20245

### Contents

1. Introduction. 2. Review of Literature. 3. need of the present investigation. 4. Aims. 5. Materials and methods. 6. Results. 7. Discussion. 8. Conclusion and references.

 479. SURESHRAO (Akarte Atul)
Study of Novel Dipeptidyl Peptidase-IV (DPP-IV) Inhibitors in Experimentally Induced NIDDM.
Supervisor : Prof. B. P. Srinivasan Th 20236

#### Contents

1. Introduction. 2. Review of literature. 3. Need of the present investigation. 4. Aims. 5. Materials and methods. 6. Results. 7. Discussion. 8. Conclusion.

# VARUN SINGH H2 Blockers as Antifertility Agents. Supervisor : Prof. B. P. Srinivasan <u>Th 19936</u>

# Contents

1. Introduction. 2. Review of literature. 3. Aim and objectives. 4. Materials and methods. 5. Results 6. Discussion. 7. Summary and conclusions. References. and annexures.

# 166