### CHAPTER 38

# MEDICAL SCIENCES PHARMACOLOGY

# **Doctoral Theses**

421. JOSHI (Jagdish Chandra)
Experimental Studies on the Possible Role of Nitric Oxide (NO) During Acute and Chronic Morphine Treatment in Normal and Stressed Rats.
Supervisors : Dr. Kavita Gulati and Dr. A. Ray <u>Th 22349</u>

#### Contents

1. Introduction 2. Review of literature 3. Aims and objectives 4. Materials and methods 5. Results 6. Discussion 7. Summary and conclusion 8. References 9. Appendices.

 422. NASARE (Namita Vilas)
Genetic Polymorphism of CYP2D6 in Post Herpetic Neuralgia Patients Treated with Tramadol.
Supervisor : Prof. Pramod Kumari Mediratta Th 22393

#### Contents

1. Introduction 2. Objectives 3. Review of literature 4. Lacunae in literature 5. Materials and methods 6. Results 7. Discussion 8. Summary and conclusions. References. Annexures.

423. RAI (Nishant)

Experimental Studies on the Cellular and Molecular Mechanisms of Action of UNIM-352, a Polyherbal Unani Preparation, to Validate Its Use as a Drug for Bronchial Asthma.

Supervisors : Dr. Kavita Gulati and Prof. A. Ray  $\underline{Th \ 22467}$ 

### Contents

1. Introduction 2. Review of literature 3. Aims and objectives.4. Materials and methods 5. Results 6. Discussion 7. Summary and Conclusions. 8 References.

 SHARMA (Meenakshi)
Pharmacological Studies on High Altitude Stress Induced Neurobehavioral and Cognitive Changes in Rats.
Supervisors : Prof. A. Ray, Prof. K. Ravi and Dr. Kavita Gulati <u>Th 22668</u>

Contents

1. Introduction 2. Review of literature 3. Aims and objectives 5. Materials and methods 6. Results 7. Discussion 8. Summary and conclusions. References and appendices.

 SINGH (Dhirendra Kumar)
Experimental Studies with Chelidonic ACID, A Molecule of Plant Origin, with Possible Therapeutic Potential in Bronchial Asthma.
Supervisors : Prof. A. Ray and Dr. Kavita Gulati <u>Th 22649</u>

#### Contents

1. Introduction 2. Review of literature 3. Aims and objectives 4. Materials and methods 5. Results 6. Discussion 7. Summary and conclusion 8. References 9. Annexures.