CHAPTER 31

MEDICAL SCIENCES
BIOMEDICAL SCIENCES

Doctoral Theses

431. NIMESH (Manoj Kumar)
Development and Clinical Evaluation of PCR and LAMP Assay Targeting sdaA Gene of Mycobacterium Tuberculosis for Diagnosis of Pulmonary Tuberculosis.
Supervisor : Prof. Daman Saluja
Th 21206

Contents

1. Introduction 2. Review of literature 3. Objectives 4. Materials and methods 5. Results. 6. Discussion 7. Summary 8. Bibliography.

432. RAMA
Elucidating the Role of Human Sin3B in p 53 Mediated Gene Regulation and DNA Damage Response Pathways.
Supervisor : Prof. Daman Saluja
Th 21262

Contents

1. Introduction 2. Review of Literature 3. Objectives 4. Materials and Methods 5. Results 6. Discussion 7. Summary 8. References Appendix and Publication.

433. RITA KUMARI
Study the role of neuronal Nitric Oxide Synthase in the Pathophysiology of Parkinson's Disease.
Supervisor : Dr. Pratibha Mehta Luthra
Th 21243

Contents

1. Review of literature 2. Cloning of recombinant rat nnos in e.

Coli 3. Development of 6-ohda induced rat model 4. Identification of novel interacting protein partners of nnos 5. Summary and appendix.

434. TYAGI (Abhishek)
Identification and Phenotypic Characterization of Stem Cells in Cancer of the Uterine Cervix : Contribution of HPV in the Development /Progression of the Disease.
Supervisors : Prof. Bhudev C.Das and Dr. Alok C. Bharti
Th 21241

Contents

1. Introduction 2. Objectives 3. Review of literature 4. Materials and methods 5. Results 6. Discussion 7. Summary 8. Conclusion 9. Bibliography.

435. UMESH KUMAR
Epigenetic Regulation in Breast Carcinogenesis.
Supervisors : Prof. Bhudev C.Das and Dr. Suresh Hedau
Th 21242

Contents

1. Introduction 2. Review of literature 3. Materials and methods 4. Results 5. Analysis of promoter hypermethylation pattern in specific tumor suppressor genes in sporadic breast carcinogenesis using methylation specific pcr (msp) 6. Comparison of gene methylation pattern with patient's clinicopathological attributes 7. Analysis of expression pattern of brcal, p16, gstpi, hici and cdh1 proteins in breast cancer patients 8. In-situ expression profile of brca1, p16, gstp1, hic1and cdh1 proteins. Discussion, summary, conclusion, references and annexures.