

Contents

Page

Chapter 1 : Introduction and aim of the work.....	1
Chapter2 : Basic characteristics of Inflammation.....	6
Chapter3: Inflammatory Mediators & their Role in Inflammation.....	14
Broad Groupings of Inflammatory Mediator	14
General Properties of Inflammatory Mediators.....	16
Plasma-derived Mediators.....	17
Complement System.....	17
Kinin System.....	23
Clotting and Fibrinolytic System.....	24
Cell-derived Mediators.....	28
Preformed Mediators	28
Vasoactive Amines.....	28
Lysosomal Components	30
Newly Synthesized Mediators	36
Acidic Lipid Group of Mediators	36
Polypeptide Mediators (Cytokines).....	44
Interleukin Family	48
Interferon Family.....	60
Colony Stimulating Factors.....	62
Cytotoxins	65
Chemokines	66
Other Newly Synthesized Mediators.....	68
Chapter 4: Pathophysiology of Proinflammatory mediators& neurological disorders.....	75
Inflammatory Mediators during Neurological Diseases.....	75
Pathophysiology of neurological disorder.....	83
Chapter 5: Therapeutic implications.....	110
Therapeutic implications in CNS injury.....	110
Therapeutic implications in demyelinating disorders.....	125
Chapter 6 : Summary & Recommendations.....	128
Chapter 7 : References.....	130
Arabic Summary.....	