

CHAPTER 35

MEDICAL SCIENCES
GASTROENTEROLOGY

Doctoral Theses

446. SUKRITI
Role of Immunological Factors in Clearance and Persistence of Hepatitis Viruses : A Comparative Study.
Supervisor : Dr. S. K. Sarin
Th 16738

Abstract

Studies the frequency and profile of dendritic cells, TLR signalling and NK cells in acute and chronic viral hepatitis infections. Also studies the expression of chemokine receptors CCR1, CCR3, CCR5, CCR6, CCR9 and CXCR3 on PBNC. Investigates the antigen processing and presentation mechanism ; 1. mRNA levels of catalytic subunits of proteasomes Low molecular weight protein 2 and 7. 2. mRNA levels of Transporter Associated with antigen Presentation 1 and 2.

Contents

1. Role of dendritic cells and toll like receptor signalling in viral hepatitis. 2. Expression profiling of chemotactic receptors and cytokines. 3. Antigen processing and presentation machinery. Summary and Conclusions. Bibliography.