

# Autoimmune Hepatitis

[DOWNLOAD HERE](#)

1;Autoimmune Hepatitis;3 1.1;Preface;5 1.2;Contents;7 1.3;Contributors;9 1.4;Chapter 1: Introduction;11 1.5;Chapter 2: The Pathogenesis of Autoimmune Hepatitis;13 1.5.1;Introduction;14 1.5.2;The Liver as an Organ of Immunity;16 1.5.3;Pathogenesis of Autoimmune Hepatitis: Interplay of Susceptibility, Immune Responses, and Immunoregulation;18 1.5.3.1;Genetic Factors in Pathogenesis;18 1.5.3.2;HLA Class I, II, and III Molecules;18 1.5.3.2.1;Class I HLA;18 1.5.3.2.2;Class II HLA;20 1.5.3.3;Type I Autoimmune Hepatitis;21 1.5.3.4;Type 2 Autoimmune Hepatitis;23 1.5.3.5;Class III HLA;24 1.5.3.6;Non-HLA Genes;24 1.5.3.6.1;CTLA-4;24 1.5.3.6.2;Cytokines;25 1.5.3.6.3;Fas;25 1.5.3.6.4;Vitamin D Receptor;25 1.5.3.6.5;Autoimmune Regulator 1;25 1.5.3.7;Gender;26 1.5.3.8;Environmental Factors in Pathogenesis;26 1.5.3.9;Viral Infections;27 1.5.3.10;Drugs and Xenobiotics as Triggers;28 1.5.4;Immune Reactions and Regulation in Pathogenesis;28 1.5.4.1;Histopathology;28 1.5.4.2;Cellular Immunity;29 1.5.4.2.1;Oligoclonal T Cells and Liver-Specific Autoantigens;29 1.5.4.2.2;Role of  $\gamma$  (Gamma)/  $\delta$  (Delta) T Cells ;31 1.5.4.2.3;Role of Macrophages;31 1.5.4.2.4;Pivotal Role of Immunoregulation;31 1.5.4.2.5;Treg Deficiencies;32 1.5.4.2.6;Restoration of Treg Function;33 1.5.4.3;Humoral Immunity;33 1.5.4.3.1;Role of B Cells and Antibodies;33 1.5.4.3.2;Autoantibodies and Type I AIH;34 1.5.4.3.3;Autoantibodies in Type 2 AIH;35 1.5.4.4;Role of Cytokines in Hepatic Fibrosis and Progression to Cirrhosis;35 1.5.5;A Working Model of AIH Pathogenesis;36 1.5.5.1;Genetic Susceptibility;36 1.5.5.2;Evolution of a Permissive Immune Repertoire;36 1.5.5.3;Environmental Triggers and Permissive Hepatic Microenvironment;37 1.5.5.4;Presentation of Hepatocyte Autoantigens or Molecular Mimics;37 1.5.5.5;Activation of Autoreactive T Cells and B Cells;38 1.5.5.6;Production of Autoantibodies;38 1.5.5.7;Failure of Immunoregulation;38 1.5.5.8;Intensification of Immunopathology: Bias Toward CD4 Th1, CD8 CTL, and Activated Effector Mechanisms;39 1.5.5.9;Regulation of Hepatocyte Cytolysis;39 1.5.5.10;Evolution of Effector Cells and Cytokines;39 1.5.5.11;Positive Feedback for Fibrogenesis Resulting in Accelerated Bridging Fibrosis and Progression to Cirrhosis;40 1.5.6;Appendix;41 1.5.6.1;Immune Responses: A Primer;41 1.5.6.2;Innate Immunity;41 1.5.6.3;Pattern Recognition Receptors (PRRs) and Pathogen-Associated Molecular Patterns (PAMPs);42 1.5.6.4;Damage-Associated Molecular Patterns;42

1.5.6.5;Proinflammatory and Immunosuppressive Cytokines;42 1.5.6.6;NK Cells;43 1.5.6.7;NKT Cells;43  
1.5.6.8;Adaptive Immunity;43 1.5.6.9;T Cell Receptors and HLA Class I, II, and III Molecules;44  
1.5.6.10;Selection of the Immune Repertoire and Natural T Regulatory Cells;44 1.5.6.11;Costimulation;45  
1.5.6.12;Dynamic Family of CD4 T Cells;45 1.5.6.13;CD8 T Cells;46 1.5.6.14;.(Gamma)/d(Delta) T Cells  
;47 1.5.6.15;B Cell Activation and Functions;47 1.5.6.16;Generation of T and B Effector Cell  
Responses;48 1.5.6.17;Immunoregulation of Immune Responses;48 1.5.6.18;T Regulatory Cells;49  
1.5.6.19;Regulatory Dendritic Cells;49 1.5.6.20;Th17 Cells and Immunoregulation;49 1.5.6.21;Liver as an  
Organ of Adaptive Immunity;50 1.5.6.22;Alternatives to an Autoimmune Pathogenesis;51  
1.5.7;References;52 1.6;Chapter 3: Clinical Presentation;60 1.6.1;Introduction;60 1.6.2;The Many Faces  
of Autoimmune Hepatitis;61 1.6.3;Acute AIH;61 1.6.4;Confirmation of Diagnosis of AIH;62 1.6.5;Chronic  
Autoimmune Hepatitis;63 1.6.6;Fulminant AIH;64 1.6.7;Recurrence of AIH Postliver Transplantation;65  
1.6.8;Overlapping Autoimmune Hepatitis and Sclerosing Cholangitis;66 1.6.9;Overlapping Autoimmune  
Hepatitis and Primary Biliary Cirrhosis;67 1.6.10;Clinical Presentation AIH According to Ethnicity;67  
1.6.10.1;African Americans/Blacks;67 1.6.10.2;South America;68 1.6.10.3;North American Indigenous  
Peoples;69 1.6.10.4;South Asia;69 1.6.10.5;South East Asians; EAN/ISBN : 9781607615699  
Publisher(s): Springer, Berlin, Springer, New York Format: ePub/PDF Author(s): Hirschfield, Gideon M. -  
Heathcoate, E. Jenny

[DOWNLOAD HERE](#)

Similar manuals:

[Autoimmune Hepatitis](#)