

HLA Class II (DR) Status in Hepatitis C Virus-Infected Egyptians

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Dedicated to

*My Parents
For Their Magnificent Devotion
To Their Family*

*My Husband and Children
For Making Everything
Worthwhile*

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LIST OF ABBREVIATIONS

AI	Autoimmune
AI-CAM	autoimmune chronic active hepatitis
AIH	Autoimmune hepatitis
ALT	alanine aminotransferase
AMP	amplification
anti-HCV	antibodies to HCV
ASLL	American association for the study of liver disease.
bDNA	branched DNA
CAH	Chronic active hepatitis.
CDC	Centers for Disease Control and prevention.
cDNA	complementary DNA
CHC	chronic hepatitis C.
CPH	chronic persistent hepatitis
dATP	deoxyadenine triphosphate
dCTP	deoxycytosine triphosphate
dGTP	deoxyguanine triphosphate
DNA	deoxyribonucleic acid
dNTP	deoxynucleotide triphosphates
dsDNA	double stranded DNA
EBV	Esptein - Barr Virus

EIA	Enzyme Immuno Assay
ELISA	Enzyme linked Immuno sorbent assay
G-C	Guanine - Cytosine
HCC	Hepatocellular carcinoma.
HCV	Hepatitis C virus
HIV	Human Immunodeficiency virus
HLA	Human leucocytic antigen or histocompatibility antigen.
IG	Immunoglobulin
INF	Interferon
IV	Intravenous
LD-PCR	Ligation dependent polymerase chain reaction
LN	Lymph node.
MHC	Major Histocompatibility Complex.
MLC	Mixed lymphocyte culture.
MNCS	mononuclear cells
MRNA	messenger RNA
NANBH	Non-A, Non-B Hepatitis
NCR	Non-coding region
ORF	Open reading frame
PBC	Primary biliary cirrhosis
PBML	Peripheral blood mononuclear lymphocytes.
PCR	polymerase chain reaction
PSC	Primary sclerosing cholangitis

PTH	Post-transfusion hepatitis
r.p.m.	revolution per minute
RBC	Red blood corpusles
RIBA	Recombinant Immunoblot assay
RNA	ribonucleic acid
ssDNA	Single stranded DNA
TTP	Thymidine triphosphate
U.S.A.	United States of America

List of Contents

• Introduction and Aim of the Work	1
• Review of Literature	2
Chapter 1 : HCV	2
- Introduction	2
- Epidemiology	3
- Risk population for contracting HCV	4
- Transmission of HCV	9
- Structure of the HCV genome	10
- Clinical signs and symptoms	22
- Complications	22
- Diagnosis	27
Chapter II : HLA System	35
- Historical aspect	35
- The Major Histocompatibility Complex	37
- Nomenclature	40
- Structure	49
- Tissue distribution	57
- HLA and disease association	60
- HLA typing	68
Chapter 3 : HLA and Liver Diseases	101
• Subjects and Methods	107
• Statistical Analysis and Results	121
• Discussion	125
• Summary and Conclusion	128
• References	130
• Arabic Summary	

