

The Effect of Carriage of Apolipoprotein E Gene
on Recurrence of HCV after Liver
Transplantation

Thesis

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Submitted by

Christina Alphonse Anwar

M.B.B.CH, M.Sc

Faculty of Medicine, Ain Shams University

Under supervision of

Prof. Dr. Mohsen Mostafa Maher

Professor of Internal Medicine

Faculty of Medicine, Ain Shams University

Prof. Dr. Tarek Mohamed Yousef

professor of Internal Medicine

Faculty of Medicine, Ain Shams University

Prof. Dr. Mohamed Mohamed Bahaa

Professor of general surgery

Faculty of Medicine, Ain Shams University

Ass. Prof. Dr. Moataz Mohamed Sayed

Assistant professor of Internal Medicine

Faculty of Medicine, Ain Shams University

Faculty of Medicine

Ain Shams University

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مقدمة من

الطبيبة / كريستينا الفونس انور

ماجستير الباطنه العامه

تحت إشراف

الأستاذ الدكتور / محسن مصطفى ماهر

أستاذ أمراض الباطنة

كلية الطب - جامعة عين شمس

الأستاذ الدكتور / طارق محمد يوسف

أستاذ أمراض الباطنة

كلية الطب - جامعة عين شمس

الأستاذ الدكتور / محمد محمد بهاء

أستاذ الجراحه العامه

كلية الطب - جامعة عين شمس

أستاذ مساعد دكتور / معتز محمد سيد

أستاذ مساعد أمراض الباطنة

كلية الطب - جامعة عين شمس

كلية الطب



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List of Abbreviations

- AASLD : American Association for the Study of Liver Diseases
- Ab : Antibody
- ACR : Acute Cellular Rejection
- AD : Alzheimer's Disease
- AFP : Alpha-fetoprotein
- AFP-L3 : Lens Culinaris Agglutinin-Reactive AFP
- Ag : Antigen
- AIDS : Acquired Immune Deficiency Syndrom
- AIH : Auto-immune hepatitis.
- ALD : Alcohol related liver disease.
- ALDLT : Adult living donor liver transplantation
- AP : Alkaline phosphatase
- ALT : Alanine transaminase
- AMR : Antibody-Mediated Rejection
- Apo : Apolipoprotein
- ARFP : Alternate Reading Frame Protein
- AS : Anastomotic
- ASO : Allele specific oligonucleotide
- AST : Aspartate transaminase.
- BAR : Balance of risk
- BD : bile duct
- BMI : Body mass index
- Bp : Base pair

- CA19-9 : Cancer Antigen 19-9
- CBC : Complete blood count
- CC :Cholangiocarcinoma
- CD : Cluster of differentiation
- CDC : Center of disease control and prevention
- CEA : Carcinoembryonic antigen
- CKD : Chronic kidney disease
- CM : Chylomicron
- CMV : Cytomegalovirus
- CNS : Central nervous system
- CPP : Cerebral perfusion pressure
- CT : Computed tomography
- CTP : Child –Turcotte –Pough
- CVD : Cardiovascular disease
- DAA : Direct acting antivirals
- DCD : Donation after cardiac death
- DCP : Des-gamma Carboxy Prothrombin
- DDLT : Deceased donor liver transplantation
- DNA : De-Oxy Ribonucleic Acid
- E1, 2 : Envelope Protein 1, 2
- EASL : European Association For Study Of Liver Diseases
- EBV : Ebstein-Barr virus
- ECG : Electrocardiogram
- ER : Endoplasmic reticulum
- ERCP : Endoscopic retrograde cholangio pancreatography

- ESLD : End stage liver disease
- ESPL : Extended spectrum beta lactamase
- ETVR : End of treatment virological response
- F:M : Female: Male
- FHF : Fulminant hepatic failure
- g/day : Gram per day
- g/ml : Gram per milliliter
- GFR : Glomerular filtration rate
- GGT : Gamma-glutamyl transpeptidase
- GPC3 : Glypican 3
- GRWR : Graft/recipient weight ratio
- HBV : Hepatitis B virus
- 25 HC : 25 Hydroxy-cholesterol
- HCC : Hepatocellular carcinoma
- HCV : Hepatitis C virus
- HDL : High density lipoprotein
- H&E : Heamatoxylin and eosin
- HIV : Human immunodeficiency virus
- HLA : Human leucocyte antigen
- HLP3 : Type 3 hyperlipidemia
- HPV : Human papiloma virus
- hrs : Hours
- HSPG : Herparin sulphate proteoglycan
- HPS : Hepato-Pulmonary Syndrom
- HSV : Herpes simplex virus.