Evaluation of the Role of Aflatoxin B1 (M1) In Hepatocellular Carcinoma In Post-HCV Infected Egyptian Patients

Thesis

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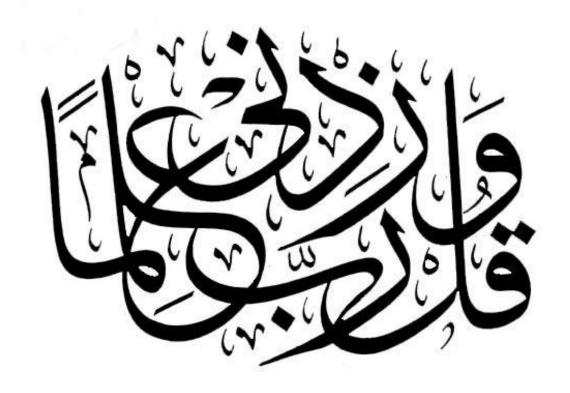
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List of abbreviations

A. flavus: Aspergillus flavus.

A. parasiticus: Aspergillus parasiticus.

AASLD: American Association for the Study of Liver

Diseases.

AFs: Aflatoxins.

AFB1: Aflatoxin B1.

AFB1–FAPY: Aflatoxin B1 formamidopyrimidine.

AFM1: Aflatoxin M 1.

AFP: Alpha Feto Protein.

AFP1: Aflatoxin P1.

AFQ1: Aflatoxin Q1.

AFU: Alpha-L-fucosidase.

AJCC: American Joint Committee on Cancer.

ALT: Alanine aminotransferase.

AP: Apurinic.

APRI: AST to Platelet ratio index.

AST: Aspartate aminotransferase.

AUC: Area under Curve.

BCLC classification: Barcelona Clinic Liver Cancer classification.

BMI: Body Mass Index.

CLIP score: Cancer of Liver Italian Program score.

CT: Computed Tomography.

CYP: Cytochrome p-450.

DAAs: Directly Acting Antivirals.

DCP: Des-gamma-carboxy prothrombin.

DNA: Deoxyribo nucleic acid.

EASL: European Association for the Study of Liver diseases.

EIA: Enzyme Immune Assay.

EORTC: European Organization for Research and Treatment of Cancer.

ESLC: Egyptian Society of Liver Cancer.

EUS: Endoscopic Ultrasonography.

FDA: Food and Drug Administration.

FIB-4: Fibrosis index.

FNA: Fine Needle Aspiration.

G-C: Guanine – Cytosine.

Gd-EOB-DTPA: Gadolinium diethyl-enetriamine penta acetic acid.

GP73: Golgi Protein 73.

Gua: Guanyl.

HAI: Hepatitis activity index.

HBsAg: Hepatitis B surface antigen.

HBV: Hepatitis B Virus.

HCC: Hepatocellular carcinoma.

HCV: Hepatitis C Virus.

HIFU: High-intensity focused ultrasound.

HIV: Human Immunodeficiency Virus.

HSAFP: Hepatoma specific alpha fetoprotein.

HSP: Heat shock protein.

IFN: Interferon.

IGF-II: Insulin-like growth factor-II.

Kpa: Kilo Pascal.

LCA: Lectin Lens Agglutinin.

MRI: Magnetic Resonance Imaging.

MSM: Men who have Sex with Men.

NAFLD: Non Alcoholic Fatty Liver Disease.

NASH: Non Alcoholic SteatoHepatitis.

NAT: Nucleic Acid Test.

NCI: National Cancer Institute.

NHTMRI: The National Hepatology and Tropical

Medicine Research Institute..

PCR: Polymerase Chain Reaction.

PEG-IFN: Pegylated Interferon.

PEI: Percutaneous Ethanol Injection.

PIVKA-II: Proteins Induced by Vitamin K Absence – II.

PT: Prothrombin Time.

PVT: Portal Vein Thrombosis

RBV: Ribavirin.

RECIST: Response Evaluation Criteria in Solid Tumors.

RFA: Radiofrequency Ablation.

RNA: Ribonucleic acid.

S. japonicum: Schistosoma Japonicum.

SCCA: Squamous cell carcinoma antigen.

SD: Standard Deviation.

SVR: Sustained Viral Response.

T-A: Thymine-Adenine.

TACE: Transarterial chemoembolization.

TARE: Transarterial radioembolization.

TGFB1: Transforming Growth Factor B1.

TNM: Tumor lymph Node Metastasis.

UCSF: University of California, San Fransisco.

UICC: International Union for Cancer Control.

US: Ultrasonography.

VCTE: Vibration-Controlled Transient Elastography.

WHO: World Health Organisation.

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