شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم

HANAA ALY

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قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

HANAA ALY

Serum Clusterin Level as a diagnostic and prognostic marker for Hepatocellular Carcinoma.

Thesis

Submitted for partial fulfillment of the Master Degree

In Gastroenterology

By

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Aml Salah Mhammed

List of Contents

List of Abbreviations

A1ATD	:	Alpha 1 antitrypsin deficiency
AASLD	:	American Association for the Study of Liver Diseases
AFP	:	Alpha Fetoprotein
ALT	:	Alanine aminoTranferase
AST	:	Aspartate aminotransferase
BCLC	:	Barcelona clinic liver cancer
CD	:	Cluster of Differentiation
CECT	:	Contrast enhanced CT
CEMRI	:	Contrast enhanced magnetic resonance imaging
CEUS	:	Contrast Enhanced Ultrasound
CK	:	Cytokeratins
CRP	:	C- Reacive Protein
CT	:	Computed tomography
CTLA-4	:	Cytotoxic T-lymphocyte-associated protein 4
CTP	:	Child-Turcotte –pugh classification.
DCP	:	Des-gamma-carboxyprothrombin
DM	:	Diabetes Mellitus
EASL	:	European Association for Study of Liver
EASL–EORTC	:	European Association for the Study of the Liver, European Organisation for Research and Treatment of Cancer
ELISA	:	Enzyme-Linked Immunosorbent Assay
ERK	:	Extracellular signal-Regulated Kinases
ESLC	:	Egyptian Society of Liver Cancer.
EUS	:	Endoscopic US
FDA	:	Food And Drug Administration
Hb	:	Haemoglobin
HBeAg	:	Hepatitis B envelope antigen
HBV	:	Hepatitis B virus
HCC	:	Hepatocellular Carcinoma
HCV	:	Hepatitis C virus
HCV-Ab	:	Hepatitis C antibody
HFL	:	Hepatic Focal Lesion
HGF	:	Hepatocyte growth factor

List of Abbreviations cont..

HGF/SF	:	Hepatocyte Growth Factor/ scatter factor
HIV	:	Human Immune Deficiency
HSP-70	:	Heat Shock Protein 70
IDU	:	Intravenous drug use
IGF-II	:	Insulin-like growth factor-II
IGFR	:	Insulin Growth Factor Receptor
INR	:	International Normalized ratio
JNK	:	Jun N-terminal kinases consist
KLCSG-NCC	:	Korean Liver Cancer Study G, National Cancer Center
LC	:	Liver Cirrhosis
LT	:	Liver transplantation
M	:	Metastasis classification
MAPK	:	Mitogen-Activated Protein Kinases
MC	:	Milan criteria
MDCT	:	Multi Detector CT
MELD	:	Model for End Stage Liver Disease
MiRNAs	:	MicroRNAs
MRI	:	Magnetic resonance imaging
MWA	:	Micro wave ablation
N	:	Node Classification
NAFLD	:	Nonalcoholic fatty liver disease
NASH	:	Non-Alcoholic steato Hepatitis
NO	:	Nitric oxide
PAI	:	Percutaneous acetic acid injection
PBMCs	:	Peripheral blood mononuclear cells
PCR	:	Polymerase chain reac
PDGF	:	Platelet-derived growth factor
PEIT	:	Percutaneous ethanol injection Therapy
PLT	:	Platelet
PVT	:	Portal vein thrombosis

List of Abbreviations cont..

RFA	:	Radiofrequency ablation
ROC	:	Receiver operating characteristic
RT-PCR	:	Reverse transcription –polymerase chain reaction
SEER	:	Surveillance Epidemiology End Result
SIRT	:	Selective internal radiation therapy
TACE	:	Transarterial chemoembolisation
TGF-β1	:	Transforming growth factor-beta 1
TLC	:	Total leucocyte count
TNM	:	Tumor, node, metastasis staging
VEGF	:	Vascular endothelial growth factor
WBC	:	White Blood Cells
WHO	:	World health organization

List of Tables

List of Figures