



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية

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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

## قسم

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



## يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of  
15-25- c and relative humidity 20-40%

# بعض الوثائق الأصلية تالفة

# بالرسالة صفحات لم ترد بالاصل



# SERUM LEPTIN IN CHRONIC LIVER DISEASE

THESIS

*Submitted for Partial Fulfillment of the Master Degree in Tropical  
Medicine and Gastroenterology*

sup  
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*Rasha Mostafa Kamel Mohamed*

# *List of Abbreviations*





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AAA	Aromatic Amino Acid
ALT	Alanine Transaminase
ALP	Alkaline Phosphatase
AST	Aspartate Transaminase
BCAA	Branched Chain Amino Acid
BMI	Body Mass Index
CAMP	Cyclic Adenosine Monophosphate
C/EBP- $\alpha$	CCAAT/Enhancer Binding Protein- $\alpha$
CHC	Chronic Hepatitis C
CSF	CerebroSpinal Fluid
ELISA	Enzyme Linked Immune Sorbant Assay
ERCP	Endoscopic Retrograde CholangioPancreatography
GGT	Gamma Glutamyl Transpeptidase
HAI	Histological Activity Index
HBV	Hepatitis B Virus
HBs Ag	Hepatitis B surface Antigen
HCV	Hepatitis C Virus
HIV	Human Immunodeficiency Virus
HRP	Horse Radish Peroxidase
HSCs	Hepatic Stellate Cells
IRL	ImmunoReactive Leptin
JKR	Janus Kinases Receptor
KIC	Keto Isocaproic Acid
MAC	Mid-Arm Circumference
M-C	Male- Control
MEGX	MonoEthyl GlycinexXidide
M-LC	Male- Liver Cirrhosis
mRNA	messenger RNA