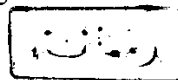


*Soliman Nagy*

# **"Anti-neutrophil Cytoplasmic Antibodies In Chronic Liver Diseases"**

## **Thesis**

*Submitted for Partial Fulfillment of  
The Master Degree  
In  
Internal Medicine*



362

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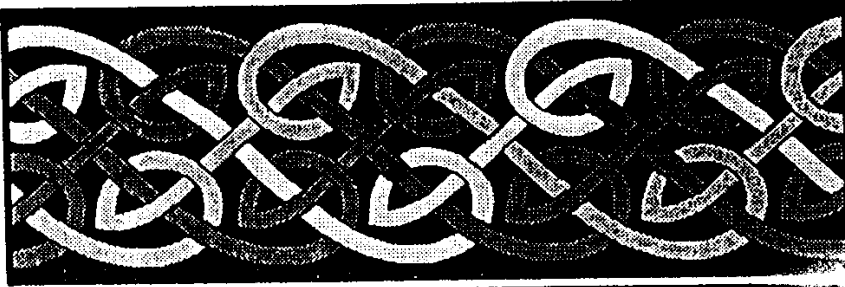


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سورة البقرة

" قالوا سبحانك لا علم لنا إلا ما علمتنا  
إنك أنت العزيز الحكيم "



سورة البقرة  
آية (٣٢)





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*The Candidate*



## Abbreviations

ANCA	Antineutrophil cytoplasmic antibodies
C5	Complement-5
PR3	Proteinase 3
MPO	Myeloperoxidase
EL	Elastase
C-ANCA	Classic or cytoplasmic antineutrophil cytoplasmic antibodies.
P-ANCA	Perinuclear antineutrophil cytoplasmic antibodies.
W.G	Wegener's granulomatosis
MPA	Microscopic polyarteritis.
PAN	Polyarteritis nodosa
CSS	Churg-Strauss Syndrome.
ANA	Antinuclear antibodies
GS-ANA	Granulocyte-specific antinuclear antibodies
ELISA	Enzyme-linked immunosorbent assay
IBD	Inflammatory bowel disease
AIH	Autoimmune hepatitis
AI-CAH	Autoimmune chronic active hepatitis
HBV	Hepatitis B virus
HBsAg	Hepatitis B surface antigen.
HBcAg	Hepatitis B core antigen
Ab	Antibody
PCR	Polymerase chain reaction
ADCC	Antibody dependent cell-mediated cytotoxicity
PBMC	Peripheral blood mono-nuclear cells
HCV	Hepatitis C virus
AMA	Antimitochondrial antibodies



ASMA	Antismooth muscle antibodies
LKM	Liver/kidney microsome
IFT	Immunofluorescence technique
PSC	Primary sclerosing cholangitis
PBC	Primary biliary cirrhosis
ESR	Erythrocyte sedimentation rate
UC	Ulcerative colitis
CD	Crohn's disease



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# **Introduction and Aim of the work**

