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**THYROID AUTOANTI BODIES AND
ENCEPHALOPATHY
IN CHRONIC VIRUS-C LIVER DISEASE**

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THESIS

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**Submitted for Partial fulfillment of
The Master Degree in Internal Medicine**

By

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قُلْ أَسْأَلُكَ لِأَعْلَمَ لَنَا إِمَّا عَلِمْنَا بِكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

سُبْحَانَ اللَّهِ الْعَظِيمِ

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List of Abbreviations

Alb	Albumin
ALP	Alkaline Phosphatase
ALT	Alanine Transaminase
AST	Aspartate Transaminase
ATPo.....	Antithyropoxidase
B.B.B	Blood Brain Barrier
Bil	Bilirubin
cAMP.....	cyclic adenosine monophosphate
C.N.S	Central nervous system
C.S.F	Cerebrospinal fluid
ELISA	Enzyme- Linked , Immunosorbant Assay
GABA	Gamma amino butyric acid
HCV	Hepatitis C Virus
HE	Hepatic Encephalopathy
HLA	Human leucocyte antigen
IFN	Interferon
IL	Interleukin
Mn	Manganese
M.v	Main value
NO	Nitric oxide
NO s	Nitric oxide synthase enzyme
RNA	Ribonucleic acid
T3	Triiodothyronine
T4	tetraiodothyronine (Thyroxin)
T.N.F	Tumor necrosis factor
TP	Total protein
TSH	Thyroid stimulating Hormone
Var	Variance

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