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التوثيق الإلكتروني والميكروفيلم

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بالرسالة صفحات

لم ترد بالأصل



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**CLINICAL IMPLICATION OF CYTOKINE AND
SOLUBLE RECEPTORS MEASUREMENT IN
PATIENTS WITH NON-HODGKIN'S LYMPHOMA**

B17050

A THESIS

**SUBMITTED FOR PARTIAL FULFILLMENT OF
M.D. DEGREE
(CLINICAL PATHOLOGY)**

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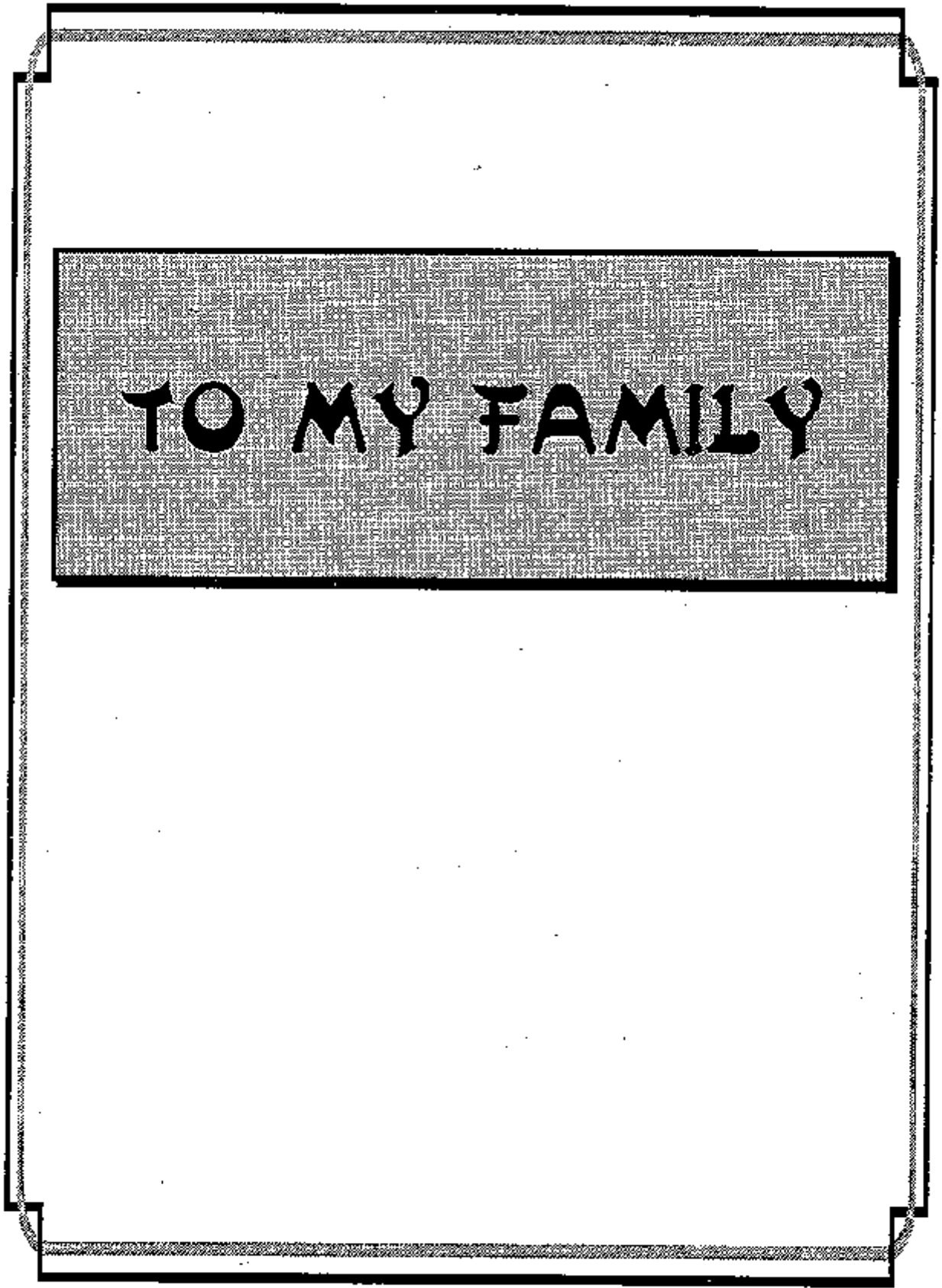
1998



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

"سورة البقرة آية ٣٢"

صدق الله العظيم



TO MY FAMILY

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Eman A.E. Maghraby

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***LIST OF
ABBREVIATIONS***

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α	: Alpha
β	: Beta
AIDS	: A ^{quired} immune deficiency syndrome
AIHA	: Auto-immune haemolytic anaemia
ALP	: Alkaline phosphatase
ALT	: Alanine aminotransferase
ANA	: Anti-nuclear antibody
APC	: Antigen-presenting cells
AST	: Aspartate aminotransferase
ATLS	: Acute tumor lysis syndrome
B2M	: B2-microglobulin
BM	: Bone marrow infiltration
BNLI	: British National Lymphoma Investigation
BSF	: B-cell stimulatory factor
C5a	: Complement 5
CBC	: Complete blood count
CC	: Two cystein group
CD	: Cluster of differentiation
CFU	: Colony forming unit
CLL	: Chronic lymphocytic leukemia
CLL-AIHA	: Chronic lymphocytic lymphoma auto immune hemolytic anemia
CNTF	: Ciliary neurotrophic factor
CRP	: C-reactive protein
CSF	: Colony stimulating factor

CT	: Cardiostrophin
CXC	: Two cysteine group separated by one amino acid
DIC	: Disseminated intravascular coagulation
DNA	: Deoxyribonucleic acid
EBV	: Epstein-Barr virus
EDTA	: Ethylene diamine tetra-acetic acid
ELISA	: Enzyme linked immunosorbent assay
ENA	: Epithelial-derived neutrophil attractant
EPO	: Erythropoietin
ESR	: Erythrocytes sedimentation rate
FISH	: Fluorescence in situ hybridization
G-CSF	: Granulocyte colony-stimulating factor
GCP	: Granulocytes chemotactic protein
GGT	: γ -glutamyl transferase
GM-CSF	: Granulocyte-macrophage colony-stimulating factor
GRO	: Growth-related-peptide
HCV	: Hepatitis C virus
HGV	: Hepatitis G virus
HIV	: Human immunodeficiency virus
HTLV-1	: Human T-lymphotropic virus 1
ICAM-1	: Intracellular adhesion molecules-1
IFN- γ	: Interferon-gamma
Ig	: Immunoglobulin
IL	: Interleukin
IP-10	: Interferon γ -inducible protein
JAKs	: Janus kinases

Kd	: Kilo dalton
LAI	: Leukocyte adhesion inhibitor
LDH	: Lactate dehydrogenase enzyme
LD-1	: Lactate dehydrogenase isoenzyme-1
LIF	: Leucocytic inhibitory factor
LPS	: Lipopolysaccharid
LT- α	: Lymphotoxin
M-CSF	: Macrophage colony-stimulating factor
MCP	: Monocyte chemoattractant protein
MHC	: Major histocompatibility complex
MIg	: Monokine induced by interferon gamma
MIP	: Macrophage inflammatory protein
MONAP	: Monocyte derived neutrophil activating peptide
mPGN	: Mesangio proliferative glomerulonephritis
Mw	: Molecular weight
NAF	: Neutrophil activating factor
NAP	: Neutrophil-activating peptide
NHL	: Non Hodgkin lymphoma
NK	: Natural killer cell
OSM	: Oncostatin M
P	: Short arm of chromosome
PCR	: Polymerase chain reaction
PF-4	: Platelets factor-4
PLL	: Plasmacytoid lymphocytic lymphoma
PTL	: Peripheral T-cell lymphomas
q	: Long arm of chromosome

R	: Receptor
RA	: Receptor antagonist
RANTES	: Regulated on activation normal T expressed and secreted
RBC	: Red blood cell
REAL	: Revised European-American lymphoma
RNA	: Ribonucleic acid
Rt-PCR	: Reverse transcriptase-polymerase chain reaction
SCF	: Stem cell factor
SDF	: Stromal-derived factor
SIg	: Surface immunoglobulin
SLL	: Small lymphocytic lymphoma
STATs	: Signal transducer and activator of transcription
T	: Translocation
Tc	: T cytotoxic
TCR	: T-cell antigen receptor
TGF- β	: Transforming growth factor- β
T _H	: T helper cell
TLS	: Tumor lysis syndrome
TNF	: Tumor necrosis factor
TNF-R	: Tumor necrosis factor-receptor
TPO	: Thrombopoietin
U-cell	: Undifferentiated cell
WHO	: World Health Organization