

Salwa Ak1



بسم الله الرحمن الرحيم

مركز الشبكات وتكنولوجيا المعلومات

قسم التوثيق الإلكتروني



Salwa Akl



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



Salwa Akl



بعض الوثائق الأصلية تالفة
وبالرسالة صفحات لم ترد بالأصل



**CD45 ISOFORM EXPRESSION ON PERIPHERAL
BLOOD T-LYMPHOCYTES AMONG CHILDREN
WITH SYSTEMIC LUPUS ERYTHEMATOSUS**

B18508

Thesis

*Submitted in partial fulfillment for the requirements of the
M.Sc. Degrees of Pediatrics*

By

Dr. MOHAMED FATHY MASOUD

M.B.B.Ch.

Supervised By

PROF. DR. ABD-EL RAHMAN EL-SAADANY

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*Ass. Prof. Of pediatrics Benha
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ACKNOWLEDGMENT

First I thank God, the most beneficent and merciful for the completion of this work .

I wish to express my deepest gratitude and greatest respect to Prof.Dr. Abd-El Rahmman El-Saadany, Professor and Head of Pediatric Department, Benha Faculty of Medicine, Zagazig University , for his enthusiastic encouragement, and supervision .

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LIST OF ABBREVIATIONS

ANA	Antinuclear antibody.
Anti-ds	Anti-double stranded.
APC	Antigen presenting cell.
APL	Anti phospholipid antibody.
ARA	American Rheumatic Association.
BaEV.	Baboon endogenous virus.
BILAG	British international lupus assesment group.
CAMP	Cyclic adenosin monophosphate.
C 1,2,3,4	Complement 1,2,3,4.
CD	Cluster of differentiation.
CCHB	Congenital complete heart block.
CHB	Complete heart block.
C.N.S.	Central nervous system.
CTLs	Cytosolic T-lymphocytes.
DAG	di-acyl glycerol
DNA	deoxy riboneuclic acid.
DP	Douple positive
EBV	Ebestien bar virus
EEG	Electro encephalogram.
ELLSA	Enzyme linked immunosorbent assay.
ESR	Erythrocyte sedimentation rate.
ENA	Extractable nuclear antigen.
ET-1	Endothelin-1
FANA	Fluorescent antinuclear antibody.
GIT	Gastro intestinal tract.
Hb	Hemoglobin.
HIAb	Human intercosternal type A retro virus particle .
HERVS	Human endogenous retro virus.
HIV	Human immune deficiency virus.
HLA	Human leukocyte antigen.
HTL v-1	Human T-lymphotropic virus.
ITAM.	Immuno receptor tyrosine based activation motives
Ig G,A,M,D,E	Immunoglobulin G,A,M,D,E
IL	Inter leukin
IP3	Inisitol triphosphate
m Ab	Mitogenic antibody
MAB	Mono clonal antibody
MCV	Mean corpuscular volume
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MRI	Magnetic resonance Image.
MULV	Murine leukemia virus.
NIA	National institute of health .
NLE	Neonatal lupus erythematosus.
NK	Natural killer
NP	Neuro psychiatric
NSAID	Non steroidal anti-inflammatory drug.
PAN	Poly arteritis nodosa.
PIP2	Phospho inositol diphosphate
PKC	Phospho kinase C.
PLC γ -1	Phospho lipase C γ 1 enzyme.
PMLE	Polymorpholight eryption.
PTPASE	Protein tyrosine phosphatase.
PTK	Phospho tyrosine kinase.
PTT	Partial thrombo palastin lime.
RANA	Rheumatoid association nuclear antigen.
RES	Reticulo endothelial system.
RNP	Ribonucleo protein
RP	Ribosomal protein
RPR	Rapid plasmin reagent.
RVT	Renal vein thrombosis
SCF	Stem cell factor
SCIE	Subacute cutaneous lupus erythematosus
SGOT	Serum glutamic oxalic trans aminase
SGPT	Serum glutamic pyruvic transaminase
SLAM	Systemic lupus activity measurement
SLE	Systemic lupus erythematosus
SLEDA	SLE disease activity index
SM	Smith antibody
SS Ab	Single stranded antibody.
TCR	T-cell receptor
TGF	Trans forming growth factor.
Th	T-helper
TLC	Total leukocytic count
T-PBL	T-prepheral blood lymphocyte
UV	Ultraviolet
VDRL	Venereal disease research laboratory
WG	Wegeneris granulomatosis.
WHO	World health organization.

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