

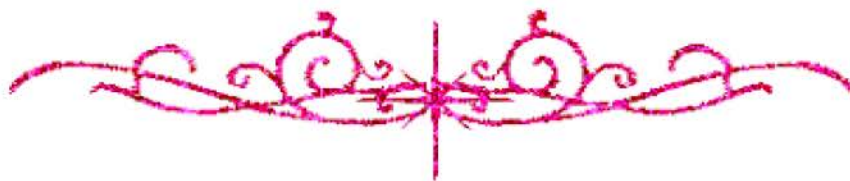
بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

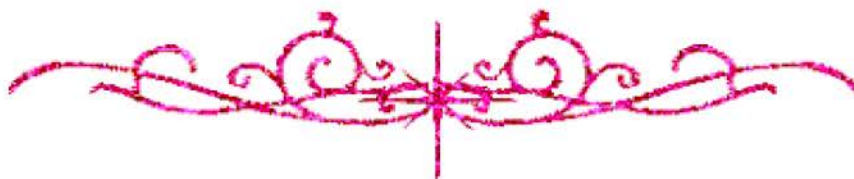
قسم

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



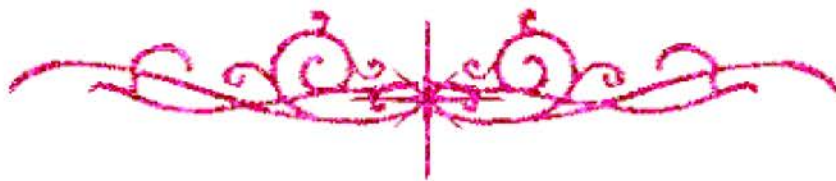
يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



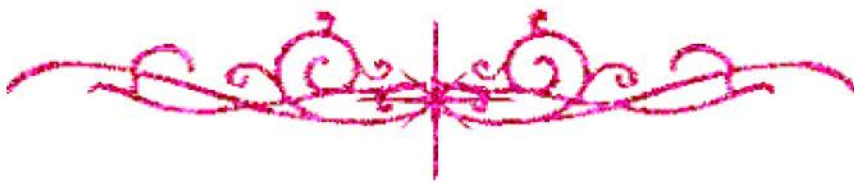


بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



Detection and role of Superantigens as precipitating factor in broncho alveolar lavage (BAL) of asthmatic patients.

Thesis

Submitted in Partial Fulfilment of
Master Degree in Internal medicine

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By

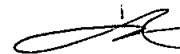
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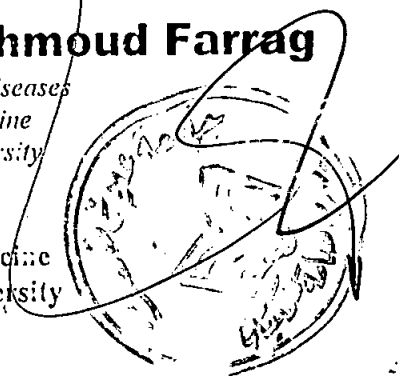


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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"وَقُلْ رَبِّي زَيْنٌ عَلَمٌ"

(سورة طه آية ١١٤)

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List of Abbreviations

AIA	Asprin induced asthma.
APCs	Antigen presenting cells
B₂-AR	B ₂ Adrenoreceptor
BAL	Broncho Alveolar Lavage.
CAMP	Cyclic Adenosine Monophosphate
CPET	Clostridium perfringens enterotoxin
DG	Diacyl glycerol
EAR	Early asthmatic reaction
EBV	Epstein Barr virus.
ELISA	Enzyme linked Immunosorbent assay.
FEV₁	Forced expiratory volume in first minute.
FGFs	Fibroblast growth factors.
FVC	Forced Vital Capacity
GM-CSF	Gramulocyte- macrophage colony stimulating factor.
HLA	Human leukocyte antigen
ICAM	Intercellular adhesion molecule
IFN	Interferon
IgE	Immunoglobulin E
IL	Interleukin
IP3	Inositol triphosphate
KD	Kawasaki Disease.
KDa	Kilodalton.
LAR	Late asthmatic reaction
LT_s	Leukotrienes
M	Methacholine
MAM	Mycoplasmal arthritidis mitogen
MHC	Major histocompatibility Complex.
MI_s	Minor lymphocyte stimulatory
MMTV	Murine Mammary Tumor Virus.
NANC	Non Adrenergic non cholinergic

NK	Natural Killer
NO	Nitric oxide
NSAID	Non steroidal antiinflammatory drugs.
PAF	Platelet activating factor.
PEF	Peak expiratory flow meter
PG	Prostaglandin
PIP2	Phosphatidyl Inositol biphosphate
PKC	Protein Kinase C
PLCδ_1	Phospholipase C delta one
PMN	Poly morphnuclear.
PTK	Protein tyrosine kinase
SAg	Superantigens.
SE	Staphylococcal enterotoxins.
SPE	Streptococcal enterotoxins
SRS-A	Slow reacting substance of anaphylaxis
SSA	Streptococcal superantigen gene
STSS	Streptococcal Toxic shock syndrome
TCR	T cell receptor.
TH₁	T helper ₁
TH₂	T helper ₂
TNF	Tumor necrotizing factor
TSS	Toxic shock syndrome
TSST-₁	Toxic shock syndrome Toxin-1
TXs	Thromboxanes
Vβ	Variable region of the β chain
VIP	Vasoactive intestinal peptide.