



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل

Immunomodulatory Effect Of Phototherapy In Atopic Dermatitis

Thesis

Submitted for The Partial Fulfillment of
Master Degree in Dermatology and Venereology

By

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Faculty of Medicine
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا

عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ".

صدق الله العظيم

سورة البقرة آية ٣٢

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Enas

List of Abbreviations

α	Alpha.
β	Beta.
γ	Gamma.
<	Less than.
>	More than.
%	Percentage.
$\bar{X}$	Mean .
AD	Atopic dermatitis .
APCs	Antigen presenting cells.
ATPase	Adenosine triphosphatase .
BSF	B-cell stimulatory factor .
C-AMP	Cyclic-adenosine monophosphate.
CD	Cluster of differentiation.
CH	Contact hypersensitivity .
CLA	Cutaneous lymphocyte antigen .
CMI	Cell mediated immunity.
DC	Dendritic cell .
DG	Diacyl-glycerol.
DNA	Deoxyribonucleic acid .
DTH	Delayed type hypersensitivity .
ECP	Eosinophil cationic protein .
e.g.	Exempli gratia (latin) = for example .
ELAM	Endothelial leukocyte adhesion molecule .
ELISA	Enzyme linked immunosorbent assay.
E-selectin	Endothelial selectin (ELAM-1) .
ETAF	Epidermal cell derived thymocyte activation factor.
Fc ϵ RI	High affinity IgE receptors .
GM-CSF	Granulocyte / Monocyte – Colony Stimulating factor.
HDM	House dust mite .
HIV	Human immunodeficiency virus

H.S.	Highly significant .
ICAM	Intercellular adhesion molecule .
i.e.	id est (latin) = that is.
IFN	interferon.
Ig	Immunoglobulin .
IL	Interleukin .
IL-1 Ra	Interleukin - 1 receptor antagonist.
Il-2 R	Interleukin -2 receptor.
IL-4R	Interleukin - 4 receptor.
IL-5R	Interleukin - 5 receptor.
J/cm ²	Joules per square centimeter.
KD	Kilodalton .
LC	Langerhans cell.
LPR	Late phase reaction.
LTB	Leukotriene B.
MED	Minimal erythema dose.
MNC	Mononuclear cell.
MOP	Methoxy psoralen.
MPD	Minimal phototoxic dose.
M-RNA	Messenger – Ribonucleic acid.
No.	Number.
NB-UVB	Narrow band – Ultraviolet B.
NK cell	Natural Killer cell.
nm	Nano meter.
N.S.	Not Significant.
OD	Optical density.
P	Probability value = level of significance.
PBMC	Peripheral blood monocyte.
PDE	Phospho diestrse .
PG	Prostaglandin .
Pg/ml	Picogram Per milliliter.
PMNL	Polymorphnuclear leukocyte.
P-selectin	Platelet selectin.
PUVA	Psoralen + ultraviolet A .
R	Spearman correlation coefficient.

RNA	Ribonucleic acid.
S	Significant.
SCC	Squamous cell carcinoma.
SD	Standard deviation .
S-ICAM	Soluble intercellular adhesion molecule .
S-IL-2R	Soluble interleukin – 2 receptor .
S-P selectin	Soluble platelet selectin.
SSS	Simple scoring system.
S-VCAM	Soluble vascular cell adhesion molecule.
Tc	T cytotoxic.
Th	T helper.
TNF	Tumour necrosis factor.
UV	Ultraviolet.
UVR	Ultraviolet radiation.
VCAM	Vascular cell adhesion molecule.
VLA	Very late antigen .

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1940-1941