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بسم الله الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

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

Ain Shams University
Faculty of Medicine
Physical Medicine & Rheumatology
& Rehabilitation Department

Clinical Significance of Immature Neutrophils in Relation to Disease Activity in Psoriatic Arthritis Patients

Thesis
for Fulfilment of Master Degree
in Physical Medicine & Rheumatology and Rehabilitation

By

Rofida Mostafa Darwish
M.B.B.Ch
Faculty of Medicine, Ain Shams University

Under supervision of

Prof. Dr.

Nadia Salah Kamel Abd El Bar
Professor of Physical Medicine
Rheumatology & Rehabilitation
Faculty of Medicine
Ain Shams University

Prof. Dr.

Mohamed Ali Elwy
Professor of Physical Medicine
Rheumatology & Rehabilitation
Faculty of Medicine
Ain Shams University

Prof. Dr.

Nayera Zaghloul Saber
Professor of Physical Medicine
Rheumatology & Rehabilitation
Faculty of Medicine
Ain Shams University

Faculty of Medicine
Ain Shams University
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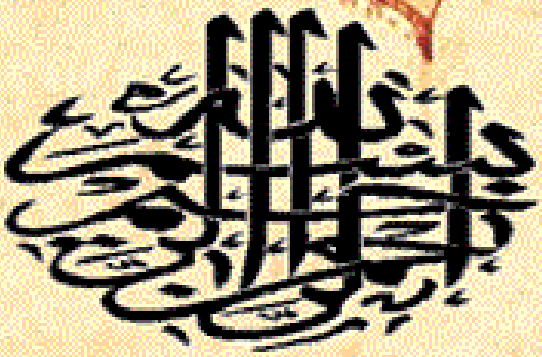

قَالُوا سُبْحَانَكَ
لاَ عِلْمَ لَنَا
إِلاَّ مَا عَلَّمْتَنَا
إِنَّكَ أَنتَ
الْعَلِيمُ الْحَكِيمُ

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Rofida Mostafa Darwish

Contents

List of Abbreviations

ACR	American College of Rheumatology
AMDF	Arithmetic Mean of Desirability Functions
AS	Ankylosing spondylitis
ASAS	Assessment of Ankylosing Spondylitis
ASDAS	Ankylosing spondylitis disease activity score
BASDAI	Bath Ankylosing Spondylitis Disease Activity Index
BASFI	Bath Ankylosing Spondylitis Function Index
BASMI	Bath Ankylosing Spondylitis Metrology Index
BMO	bone marrow edema
BSA	Body Surface Area
CASPAR	Classification Criteria for Psoriatic Arthritis
CPDAI	Composite Psoriatic Disease Activity Index
CRP	C-reactive protein
CVD	cardiovascular disease
D	Desquamation
DAPSA	Disease Activity for Psoriatic Arthritis
DAREA	Disease Activity Index for Reactive Arthritis
DECT	Dual-energy computed tomography
DIP	Distal interphalangeal
DLQI	Dermatology Life Quality Index
DMARDs	Disease modifying antirheumatic drugs
E	Erythema
ECs	Expressed on endothelial cells
EQ5D	EuroQol 5-domain
ERK	Extracellular-signal-regulated kinase
ESR	Erythrocyte sedimentation rate
EULAR	European League Against Rheumatism
FSS	Fatigue Severity Scale
GRACE	GRAppa Composite Exercise
GRAPPA	Group for Research and Assessment of Psoriasis and Psoriatic Arthritis
h	Head

HAQ	Health Assessment Questionnaire.
HIV	Human immunodeficiency virus
HLA	Human leukocyte antigen
I	Infiltration
IMPART	International Multicenter Psoriasis and Psoriatic Arthritis Reliability Trial
INSPIRE	International Spondyloarthritis Interobserver Reliability Exercise
IP	Interphalengeal
KIR	Killer-cell immunoglobin-like receptor
LDGs	Low-density granulocytes
LDGs	Low-density granulocytes
LDI	Leeds Dactylitis Instrument
LEI	Leeds Enthesitis Index
LS-PGA	Lattice System Physician's Global Assessment
LTB4	Leukotriene B4
MAF	Multidimensional Assessment of Fatigue
MASES	Maastricht Ankylosing Spondylitis Entheses Score
MDA	Minimal disease activity
MEI	Mander enthesis index
MFI	Multidimensional Fatigue Inventory
MPO	Myeloperoxidase
MTP	Metatarsophalengeal
NAPSI	National Psoriasis Severity Index
NE	Neutrophil elastase
NETs	Neutrophil extracellular traps
NK	Natural killer
NLR	Neutrophil-to-lymphocyte ratio
NOS	Nitric oxide synthase
NPF	National Psoriasis Foundation
NSAIDs	Non-steroidal anti-inflammatory drugs
OA	Osteoarthritis
OMERACT	Outcome Measures in Rheumatology Clinical Trials
PAD4	Peptidyl arginase deaminase 4
PASDAS	Psoriatic arthritis disease activity score
PASI	Psoriasis Area, and Severity Index

PBMC	Peripheral blood mononuclear cell
PDCS	Plasmacytoid DCS
PGA	Physician's global assessment
PIP	Proximal interphalangeal
PLR	Platelets-lymphocytes ratio
PMN	Polymorphonuclear
PROFF	Profile of Fatigue
PSA	Psoriatic arthritis
PSAJAI	Psoriatic Arthritis Joint Activity Index
PSAQOL	Psoriatic Arthritis Quality of Life
QOL	Quality of life
RA	Rheumatoid arthritis
RANKL	Receptor activator of nuclear factor kappa b ligand
RF	Rheumatoid factor
ROM	Range of motion
ROS	Reactive oxygen species
SAPASI	Self-administered pasi
Sf-36 Vt	Short form 36 vitality subscale
SIJ	Sacroiliac joint
SLE	Systemic lupus erythematosus
SLPI	Secretory leukocyte proteinase inhibitor
SPA	Spondyloarthritis
SPARCC	Spondyloarthritis Research Consortium of Canada
SPI	Salford psoriasis index
t	Trunk
Th1	T helper type 1
Th17	T helper 17
TLRs	Triggered by stimuli that can recognize toll-like receptors
TNF	Tumor necrosis factor-α
TSDMARD	Targeted synthetic DMARD
u	Upper extremities
VAS	Visual analogue scale

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