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CYTOKINES IN NEUROLOGY

(Review)

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Of (M.Se) degree [NEUROPSYCHIATRY]

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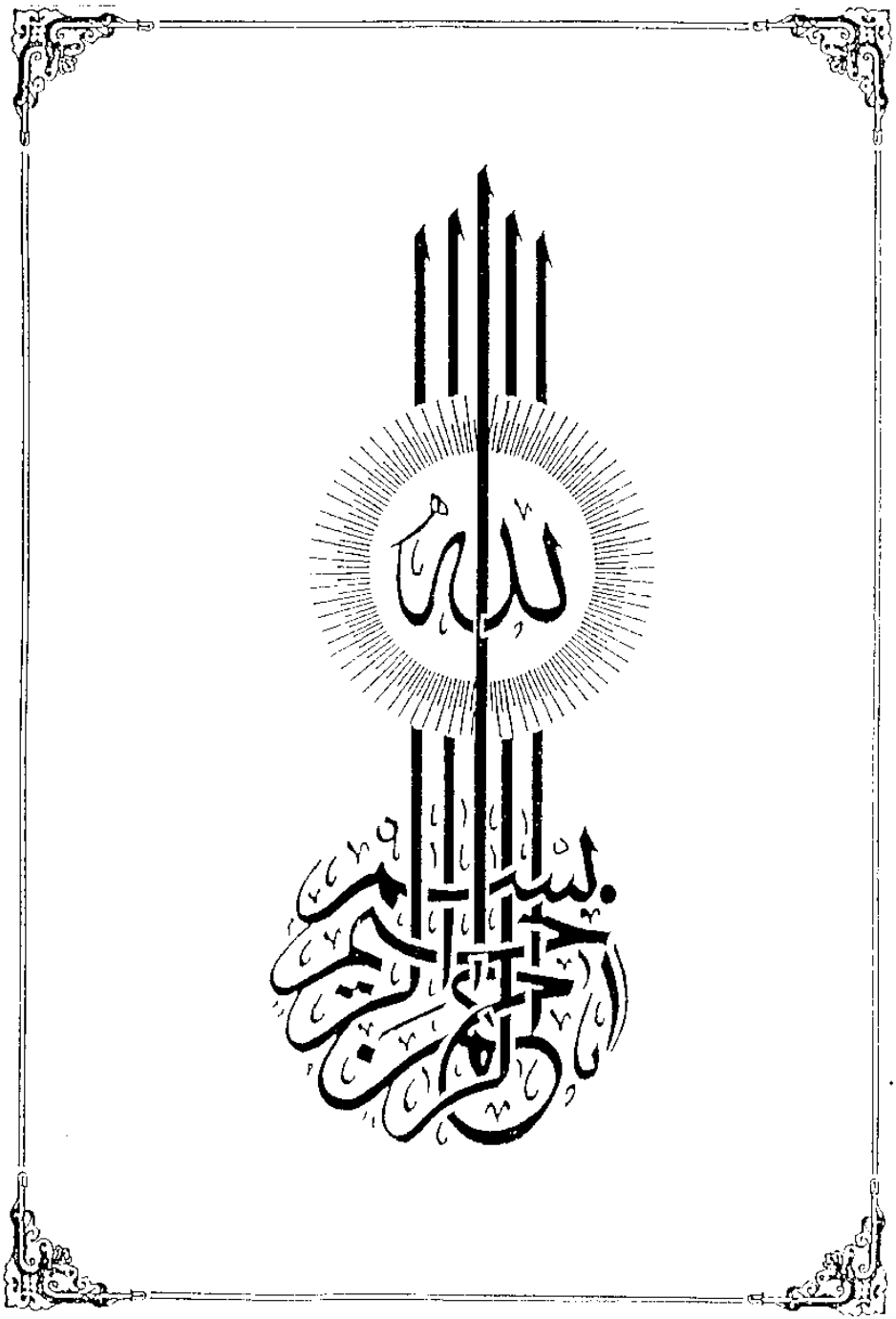

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Abbreviations .

(A)

APL = Altered peptide ligand .
APC =Antigen presenting cell .
ADCC=Antibody dependent cellular cytotoxicty.
ACTH =Adinocorticotropin hormone .
AD =Alzheimers disease.
Aβ =Amyloid β.
AIDS =Acquired immune deficiency syndrome.

(B)

BCGF =B cell growth factor.
BCDF =B cell differentiating factor.
BBB =Blood Brain Barrier.
B = B-lymphocyte.
BB =Borrelia Burgdorferi.

(C)

CD = Cluster of differentiation .
CDNA = Complementary DNA .
CDR = Complementary determining region .
CTL=Cytotoxic lymphocyte.
CRP= C-reactive proteins.
CRF =Corticotropin releasing factor.
C N S= Central nervous system.
CSF = colony-stimulating factor.

(D)

DNA = Deoxyribonucleic acid.
DsRNA=Double stranded RNA.

(E)

EAE = Experimental autoimmune encephalomyelitis .
EC = Endothelial cell.
EBV = Epestien Bar virus.

(F)

Fc = Constant portion of immunoglobulin molecules .
Fab=Antigen-binding fragment.
FAS=Factor of apoptotic signal.

(G)

GM-CSF = Granulocyte-macrophage colony-stimulating factor.
G6PD =Glucose-6-phosphate dehydrogenase.

(H)

HLA = Human leucocyte antigen .
Hsp =Heat-shock proteins .
HIV-1 =Human immunedeficieny virus-1
HSF = Hepatocyte-stimulating factor

(I)

ICAM = Intercellular adhesion-molecule .
Ig = Immunoglobulin .
IL = Interleukin .
IL-1ra = Interleukin-1 receptor antagonist .
IFN = Interferon.
IP-1 = Interferon-γ-inducible protein-1 .
I-R =Ischemia-reperfusion.

(L)

LFA = Leucocyte function-associated antigen .
LPS=Lipopolysaccharide.
LT = Lymphotoxin.
LAK =Lymphokine activated killer.

(M)

MBP = Myelin basic protein .
MCP = Monocyte chemoattractant protein .

MHC = Major histocompatibility complex.
MIP = Macrophage inflammatory protein .
MOG = Myelin-oligodendrocyte glycogen.
MS =Multiple sclerosis.
M = Monocyte / macrophage.
MAF =Macrophage activating factor.

(N)
NK =Natural killer cells.
NGF =Nerve growth factor.

(O)
OC = Other cells

(P)
PLp= Proteolipid protein .
PCR=Polymerase chain reaction.
PAF =Platelet activating factor.
PBMNC =Peripheral blood mononuclear cells
PrP =Protease-resistant prion protien

(R)
RANTES = Regulated on activation , normal T cell expressed and secreted.
RES=Reticluendothelial system.
RNA=Ribonucleic Acid.

(S)
sFv = Single chain variable portion of Ig.
SP=Substance P.
SRIH =Somatotropin release inhibiting hormone.
SLE =Systemic lupus erythmatous.
SSPE=Subacute sclerosing panencephalitis.

(T)

Th = T helper (cell) .
TIMP= Tissue inhibitor of macrophage protein.
TNF=Tumour necrosis factor
TNF-R = TNF receptor .
TGF=Transforming growth factor.
T = T-lymphocyte.
Tc =T-cytotoxic.
TCR =T cell receptor.
T.G =Toxoplasmosis gondi.
TRF =T cell-replacing factor.
TPA =Tissue plasminogen activator.

(V)

VCAM = Vascular cell adhesion molecule .
VLA = Very late antigen.

INTRODUCTION.