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Neutrophil-endothelial interaction in ANCA associated vasculitis

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LIST OF ABBREVIATIONS

ANCA	Anti-neutrophil cytoplasmic autoantibody
AAV	ANCA-associated systemic vasculitides
ABTS	2,2'-azino-bis-3-ethylbenzothiazoline-6-sulfonic acid
ADCC	Antibody-dependent cell-mediated cytotoxicity
AEBSF	4-(2-aminoethyl)benzenesulfonyl fluoride
AECA	Antiendothelial cell autoantibody
ANGPT	Angiopoietin
APC	Allophycocyanin
Ars	Adenosine receptors
BM	Bone marrow
BM-PMNs	Bone marrow neutrophils
BPI	Bactericidal/permeability-increasing protein
BVAS	Birmingham vasculitis activity score
CAM	Cell adhesion molecule
CEC	Circulating endothelial cell
CG	Cathepsin G
CiGEnC	Conditionally immortalized human glomerular endothelial cell
CSS	Churg Strauss syndrome
CYC	Cyclophosphamide
DHR 123	Dihydrorhodamine 123
EC	Endothelial cell
EGM ₂ -MV	Endothelial growth medium 2-microvascular
ELISA	Enzyme-linked immunosorbent assay
ENT	Ear, nose and throat
ESL-1	E-selectin ligand-1
FAK	Focal adhesion kinase
FBS	Fetal bovine serum
FITC	Fluorescein isothiocyanate
fMLP	N-formyl-methionyl-leucylphenylalanine
FSC	Forward scatter
G-CSF	Granulocyte colony-stimulating factor
GEnC	Glomerular endothelial cell
GP	Granule protein
GPA	Granulomatosis with polyangiitis
GPI	Glycosyl phosphatidylinositol
HAGG	Heat-aggregated goat immunoglobulin

HBSS	Hanks' balanced salt solution
HC	Healthy controls
hEGF	Human epidermal growth factor
hFGF	Human fibroblast growth factor
HLE	Human leukocyte elastase
HUVEC	Human umbilical cord endothelial cell
ICAM	Intercellular adhesion molecule
IL	Interleukin
JAM-A	Junctional adhesion molecule-A
KEGG	Kyoto encyclopedia of genes and genome
LAD	Leukocyte adhesion deficiency
LPS	Lipopolysaccharide
LTB ₄	Leukotriene B ₄
MB	Myeloblast
MCP-1	Monocyte chemoattractant protein-1
MFI	Mean fluorescence intensity
MMF	Mycophenolate mophetil
MPA	Microscopic polyangiitis
MPO	Myeloperoxidase
mPR ₃	Membrane-bound PR ₃
MY	Metamyelocyte
NETs	Neutrophil extracellular traps
OD	Optical density
PAF	Platelet-activating factor
PE	Phycoerythrin
PECAM-1	Platelet endothelial cell adhesion molecule-1
PLSCR ₁	Phospholipid scramblase 1
PM	Promyelocyte
PMA	Phorbol myristate acetate
PMSF	Phenylmethylsulfonyl fluoride
PR ₃	Proteinase 3
PSGL-1	P-selectin glycoprotein ligand-1
R 123	Rhodamine 123 (R 123)
RA	Rheumatoid arthritis
ROS	Reactive oxygen species
SDS-PAGE	Sodium dodecyl sulfate polyacrylamide gel electrophoresis
SLE	Systemic lupus erythematosus

SSC	Side scatter
TEER	Trans-endothelial electrical resistance
TMB	Tetramethyl-benzidin
TNF	Tumor necrosis factor
u-PAR	Urokinase-type plasminogen activator receptor
VCAM	Vascular cell adhesion molecule
VEGF	Vascular endothelial growth factor
WG	Wegener's granulomatosis

