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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

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بالرسالة صفحات

لم ترد بالأصل

Adhesion Molecules and Their Role in Haematological Malignancies (Recent Advances)

Essay

Submitted in Partial Fulfillment for Master Degree in
Clinical and Chemical Pathology.

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بسم الله الرحمن الرحيم

" فَأَمَّا الزَّبَدُ فَيَذْهَبُ جُفَاءً وَ أَمَّا مَا
يَنْفَعُ النَّاسَ فَيَمْكُثُ فِي الْأَرْضِ. "

صدق الله العظيم

الرعد {17}

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List of Abbreviations

Abs	: Antibodies.
ADAM	: A Disintegrin and A Metalloprotease.
ADCC	: Antibody dependent cell-mediated cytotoxicity.
ALL	: Acute lymphoblastic leukemia.
AML	: Acute myeloid leukemia.
ANLL	: Acute non lymphoblastic leukemia.
APL	: Acute promyelocytic leukemia.
ATRA	: All-trans retinoic acid.
BFU-E	: Burst forming unit-erythroid.
BFU-Meg	: Burst forming unit-megakaryocyte.
BM	: Bone marrow.
BMFB	: Bone marrow-derived fibroblasts.
BMS	: Bone marrow stroma.
BMSCs	: Bone marrow stroma cells.
CAMs	: Cell adhesion molecules.
CFCs	: Colony forming cells.
CFU-C	: Colony forming unit-culture.
CFU-E	: Colony forming unit-erythroid.
CFU-Eo	: Colony forming unit-eosinophil.
CFU-GM	: Colony forming unit-granulocyte macrophage.
CFU-MK	: Colony forming unit-megakaryocyte.

@List of Abbreviation ?

CLA	: Cutaneous lymphocyte antigen.
CLL	: Chronic lymphocytic leukemia.
CML	: Chronic myeloid leukemia.
CNS	: Central nervous system.
CR	: Complement receptor.
CSF	: Cerebrospinal fluid.
CSFs	: Colony stimulating factors.
DGEA	: Asp-Gly-Glu-Ala.
DHCB	: Dihydrocytochalasin B.
DLCL	: Diffuse large cell lymphoma.
EC	: Endothelial cells.
ECD	: Extracellular domain.
ECM	: Extracellular matrix.
EGF	: Epidermal growth factor.
EILDV	: Glu-Ile-Leu-Asp-Val.
ELAM-1	: Endothelial leukocyte adhesion molecule-1.
Epo	: Erythropoietin.
Epo-R	: Erythropoietin receptors.
FAB	: French American British.
FDC	: Follicular dendritic cells.
FIB	: Fibrinogen.
FN	: Fibronectin.
FMLP	: N-formyl-methionyl-leucyl-phenylalanine.

@List of Abbreviation ?

G-CSF	: Granulocyte-colony stimulating factor.
GM-CSF	: Granulocyte macrophage-colony stimulating factor.
GMP-140	: Granule membrane protein-140.
GP	: Glycoprotein.
GPI	: Glycophosphatidyl inositol.
GPRP	: Gly-Pro-Arg-Pro.
HA	: Hyaluronic acid.
Hb	: Hemoglobin.
HCL	: Hairy cell leukemia.
HEV	: High endothelial venules.
HGFs	: Hemopoietic growth factors.
HIV	: Human immune-deficiency virus.
HLA	: Human leukocyte antigen.
HPCs	: Hemopoietic progenitor cells.
HPP-CFC	: High proliferative potential-colony forming cell.
HSCs	: Hemopoietic stem cells.
HSPC	: Hematopoietic stem and progenitor cell.
ICAM	: Intracellular adhesion molecules.
Ig	: Immunoglobulin.
IgSF	: Immunoglobulin superfamily.
ILs	: Interleukins.
INCAM-110	: Inducible cell adhesion molecule-110.

@List of Abbreviation ?

INF-γ	: Interferon- γ .
kDa	: Kilodalton.
KL	: Kit Ligand.
KQAGDV	: Lys-Glu-Ala-Gly-Asp-Val.
LAD	: Leukocyte adhesion deficiency.
LAK	: Lymphokine activated killer.
LAM-1	: Leukocyte adhesion molecule-1.
LCFA	: Long chain fatty acids.
LECAM-1	: Leukocyte endothelial cell adhesion molecule-1.
LFA	: Lymphocyte function associated antigen.
LM	: Laminin.
LN	: Lymph node.
LPAM-1	: Lymphocyte Peyer's patch adhesion molecule.
LPS	: Lipopolysaccharide.
LRP	: LDL-receptor related protein.
LT-4	: Leukotrin-4.
LTBMC	: Long-term bone marrow culture.
LTCIC	: Long term culture initiating cells.
L-VAP-2	: Lymphocyte-vascular adhesion protein-2.
LW	: Landsteiner Wiener.
Mac-1	: Macrophage antigen-1.
MadCam-1	: Mucosal addressin cell adhesion molecule-1.
MALT	: Mucosa-associated lymphoid tissue.

@List of Abbreviation ?

M-CSF	: Macrophage-colony stimulating factor.
Meg-CSF	: Megakaryocyte-colony stimulating factor.
MHC	: Major histocompatibility complexes.
MIDAS	: Metal ion-dependent adhesion site.
MIP-1α	: Macrophage inflammatory protein-1 α .
MM	: Multiple myeloma.
MoAbs	: Monoclonal antibodies.
MPCs	: Myeloma plasma cells.
mRNA	: Messenger RNA.
MSCs	: Mesenchymal stem cells.
MSRs	: Macrophage scavenger receptors.
NCAM	: Neural cell adhesion molecule.
ng	: Nannogram.
NHLs	: Non-Hodgkin's lymphomas.
NK	: Natural killer.
PADGEM	: Platelet activation dependent granule external membrane protein.
PCL	: Plasma cell leukemia.
PDGF	: Platelet-derived growth factor.
PECAM-1	: Platelet endothelial cell adhesion molecule-1.
PGP-1	: Phagocytic glycoprotein-1.
Ph	: Philadelphia chromosome.
PMA	: Phorbol ester.

@List of Abbreviation ?

PMNs	: Polymorphonuclear leukocytes.
PSGL-1	: P-selectin glycoprotein ligand-1.
RGD	: Arg-Gly-Asp.
RhGP	: Rh glycoprotein.
SCs	: Stromal cells.
SF	: Steel factor.
SICAM-1	: Soluble intracellular adhesion molecule-1.
SLe^x	: Sialyl-Lewis ^x .
SLVL	: Splenic lymphoma with villous lymphocytes.
SSAO	: Semicarbazide-sensitive amine oxidase.
sVCAM	: Soluble vascular cell adhesion molecule.
TCR	: T-cell receptors.
TEM	: Trans-endothelial cell migration.
TLN	: Telencephalin.
TNF	: Tumor necrosis factor.
TSP	: Thrombospondin.
VAP-1	: Vascular adhesion protein-1.
VCAM	: Vascular cell adhesion molecule.
VLAs	: Very late antigens.
VN	: Vitronectin.
VNR	: Vitronectin receptors.
vWF	: Von Willebrand factor.
WT	: Wild type.

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