IN VITRO RESPONSE TO CHEMOTHERAPY IN ACUTE LEUKEMIA

Thesis
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M.D. Degree in Clinical Pathology

By

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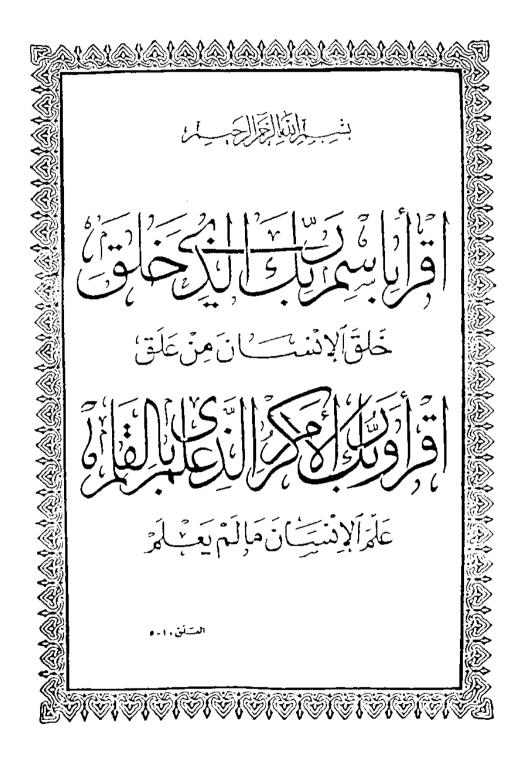
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ABBREVIATIONS

Ab = Antibody.

ABMT = Autologous bone marrow transplantation.

Abs Bcs = Absolute blast cell count.

AL = Acute leukemia.

ALL = Acute lymphoblastic leukemia.

ANLL = Acute nonlymphoblastic leukemia.

APBSCT = Autologous peripheral blood stem cell

transplantation.

Ara-c = Cytosine arabinoside.

AUL = Acute undifferentiated leukemia.

BM = Bone marrow.

BMT = Bone marrow transplantation.

BsAb = Bispecific antibody.

OC = Degree centigrade.

CBC = Complete blood picture.

CD = Cluster of differentiation.

CFU-E = Colony forming unit erythroid.

CFU-F = Colony forming unit fibroblast.

CFU-GM = Colony forming unit granulocyte macrophage.

CLL = Chronic lymphoblastic leukemia.

CML = Chronic myelogenous leukemia.

CMML = Chronic myelomonocytic leukemia.

CNS = Central nervous system.

51_{Cr} = Radioactive chromium.

CR = Complete remission.

CSF = Colony stimulating factor.

DNA = Deoxyribonucleic acid.

EDTA = Ethylene diamine tetra-acetic acid.

Epo = Erythropoietin.

Fab = Antigen binding site of immunoglobulin.

FAB = French American British.

FCS = Fetal calf serum.

FI = Failed induction.

G-CSF = Granulocyte colony stimulating factor.

GM-CSF = Granulocyte macrophage cology stimulating

factor.

Hb = Hemoglobin.

HGFs = Hematopoietic growth factor.

HIV = Human immunodeficiency virus.

³H-Uridine= Tritiated uridine.

IFN = Interferone.

IgG = Immunoglobulin G.

IL = Interleukin.

IM = Intramuscular.

INT = P-iodonitrotetrazolium violet.

IV = Intravenous.

Kd = Kilo dalton.

LAK = Lymphokine activated killer cells.

m² = Meter square.

MDR = Multidrug resistance.

MDS = Myelodysplastic syndrome.

mg = Milligram.

Ml = Milliliter.

Mo Abs = Monoclonal antibodies.

6-MP = 6-mercaptopurine.

m-RNA = Messenger ribonucleic acid.

MTT = 4, 5 dimethylthiazole diphenyltetrazolium

bromide.

NAP = Neutrophil alkaline phosphatase.

ng = Nanogram.

NK = Nautral killer.

PB = Peripheral blood.

PBMCs = Peripheral blood mononuclear cells.

PBS = Phosphate buffer saline.

RPM = Revolution per minute.

RPMI = Rose Park Medical Institute.

sc = Subcutaneous.

TLC = Total leucocyte count.

U = Unit.

WBCs = White blood cells.

Ug = Microgram.

< = Less than.</pre>

> = More than.

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