



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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15-25- c and relative humidity 20-40%

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بالرسالة صفحات لم ترد بالاصل

BVETC

MINIMAL RESIDUAL DISEASE IN ACUTE CHILDHOOD LEUKEMIA

Thesis

Submitted for Partial Fulfillment of M.D. Degree
In Pediatrics

BY

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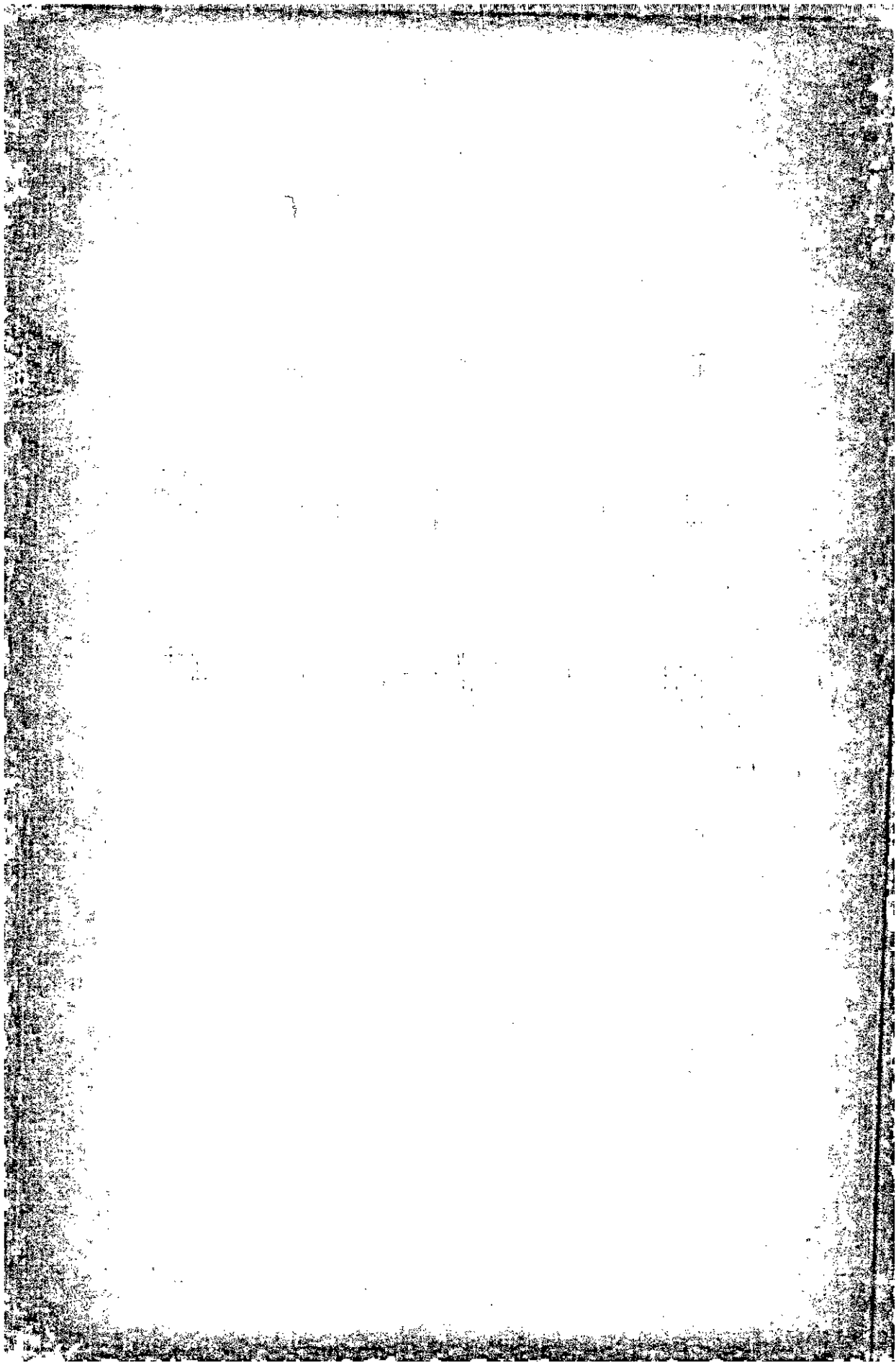
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بسم الله الرحمن الرحيم

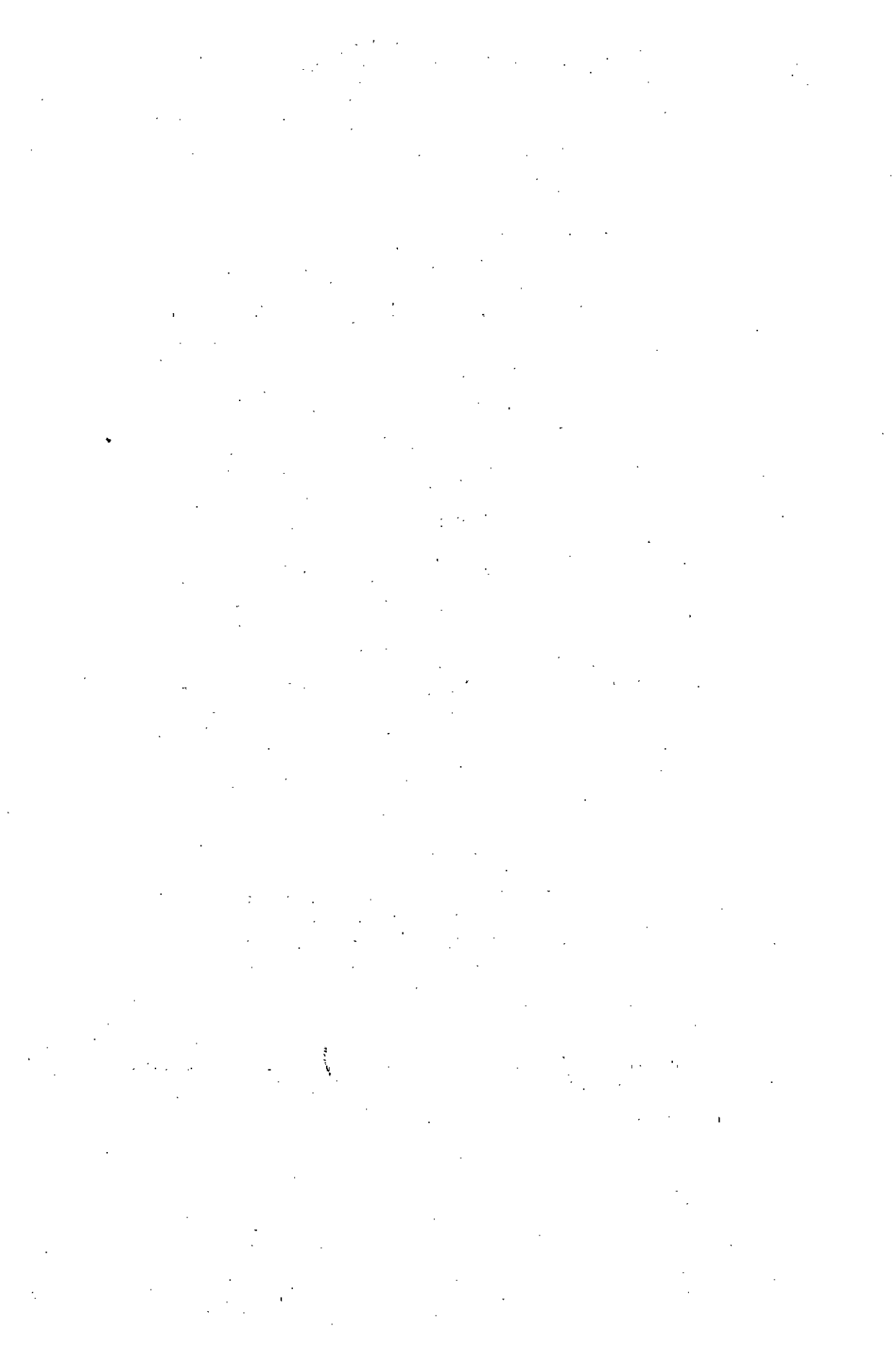
”قَالُوا سُبْحَانَكَ اللَّهُ عَمَّا يُشْرِكُونَ
لَا إِلَهَ إِلَّا اللَّهُ مَا

عَلَّمَنَا إِنْ أَنْتَ إِلَّا الْعَلِيمُ الْحَكِيمُ”

صدق الله العظيم

سورة البقرة

آية ٣٢



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LIST OF ABBREVIATIONS

AF9/MLL	Name for the fusion gene resulting from translocation t(9;11)
Ag	Antigen
ALL	Acute Lymphoblastic Leukemia
AML	Acute Myeloblastic Leukemia
AML1/ETO	Acute Myeloid Leukemia 1/Eight Twenty One
APL	Acute Promyelocytic Leukemia
ATRA	All-Trans –Retinoic- Acid
bcr	Break Point Cluster Region
BCR/ABL	Name for the fusion gene resulting from translocation t(9;22)
BM	Bone Marrow
BMA	Bone Marrow Aspirate
BMT	Bone Marrow Transplantation
CALLA	Common Acute Lymphoblastic Leukemia Antigen
CCR	Continuous Complete Remission
CD	Cluster Designation

List of Abbreviations

cDNA	Complementary Deoxyribo Nucleic acid
CLL	Chronic Lymphocytic Leukemia
CML	Chronic Myeloid Leukemia
CNS	Central Nervous System
CR	Complete Remission
Del	Deletion
DI	Deoxyribo Nucleic Acid Index
DIC	Dissiminated Intra Vascular Coagulopathy
E2A/PBX1	Name for the fusion gene resulting from translocation t(1;19)
EFS	Event Free Survival
EPB	Early pre-B
FAB	French American British
FISH	Flourescent In Situ Hyperdization
G6PD	Glucose 6- Phosphate Dehydrogenase
HiDAC	High dose ARA-C
IGH	Immunoglobulin Heavy Chain
Inv	Inversion
IP	Immunephenotyping
LDH	Lactate Dehydrogenase
MDS	Myelo-dysplastic Syndrome
MLL	Name for the fusion gene resulting from rearrangement in chromosome 11q23
MRD	Minimal Residual Disease