ONCOGENES AND THEIR CLINICAL IMPORTANCE

Essay

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Master Degree in Clinical and Chemical Pathology

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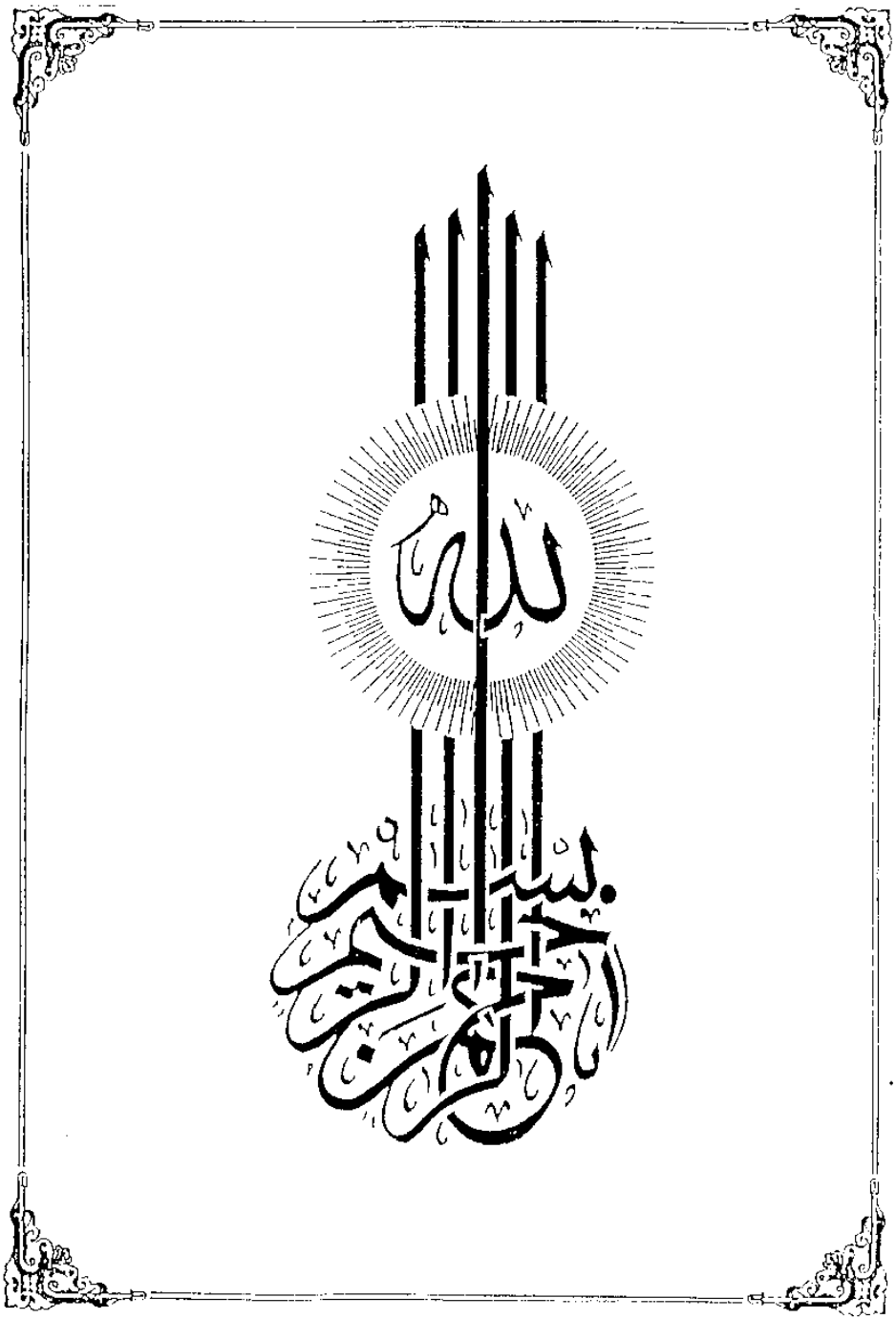

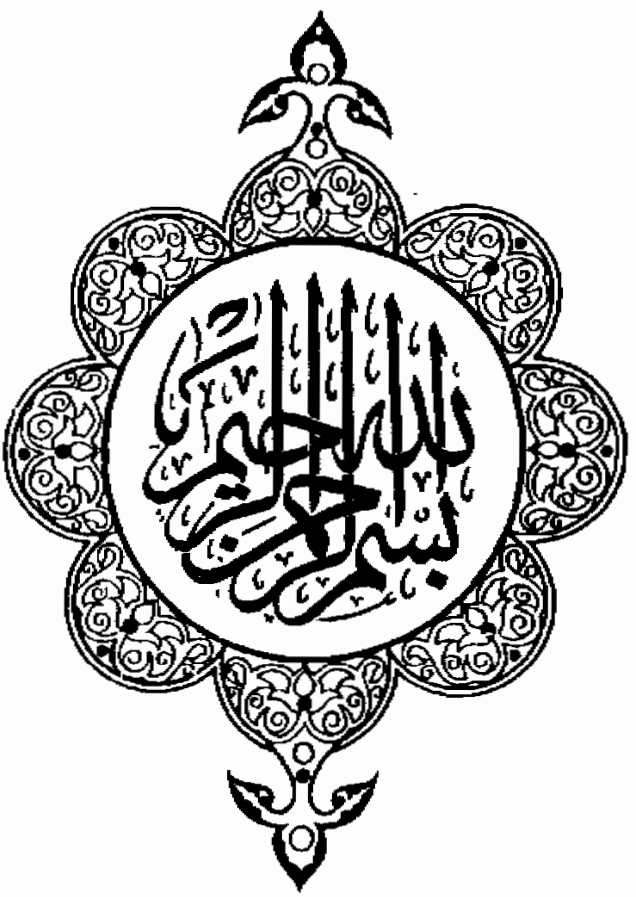
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Gratefully Dedicated to

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LIST OF ABBREVIATIONS

A:	Adenine.
ALL:	Acute lymphoblastic leukemia.
AML:	Acute myeloid leukemia.
APL:	Acute promyelocytic leukemia.
bcr:	Breakpoint cluster region.
BMT:	Bone marrow transplantation.
bp:	Base pair.
C:	Cysteine.
C-abl, v-abl:	Carried by Abelson leukemia virus.
CAN:	Colitis associated neoplasia.
cDNA:	Complementary DNA.
C-erb, v-erb:	Carried by Avian erythroblastosis virus.
CML:	Chronic myeloid leukemia.
C-myc, v-myc:	Carried by Avian myelocytomatosis virus.
C-ras, v-ras:	Carried by Rat sarcoma virus.
C-sis, v-sis:	Carried by Simian sarcoma virus.
C-src, v-src:	Carried by Rous sarcoma virus.
cyst-val-phe-met:	Cysteine-valine-phenyl alanine-methionine.
DNA:	Deoxyribonucleic acid.
EGF:	Epidermal growth factor.
FMTC:	Familial medullary thyroid carcinoma.
G:	Guanine.
GAP:	GTPase activating protein.
GDP:	Guanosine diphosphate.
G-protein:	Growth protein.
GTP:	Guanosine triphosphate.
GTPase:	Guanosine triphosphatase.
H-ras:	Harvey ras.
Ig:	Immunoglobulin.
Kb:	Kilobase.
KD:	Kilodalton.
K-ras:	Kirsten ras.

LCR:	Ligase chain reaction.
MAP-K:	Mitogen-associated protein kinase.
MEN:	Multiple endocrine neoplasia.
MTC:	Medullary thyroid carcinoma.
N-ras:	First detected in neuroblastoma cell line.
PCR:	Polymerase chain reaction.
PDGF:	Platelet-derived growth factor.
Ph' chromosome:	Philadelphia chromosme.
RB1:	Retinoblastoma gene.
RFLP:	Restriction fragment length polymorphism.
RNA:	Ribonucleic acid.
RSK:	Ribosome subunit kinase.
RSV:	Rous sarcoma virus.
SSCP:	Single-strand confirmation polymorphism.
SSV:	Simian sarcoma virus.
T:	Thymine.
TGF:	Transforming growth factor.
RT:	Reverse transcriptase.
U:	Uracil.

LIST OF FIGURES

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