MOLEUCLAR DETECTION OF HEMOPHILIA A CARRIERS IN EGYPT

Thesis
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By

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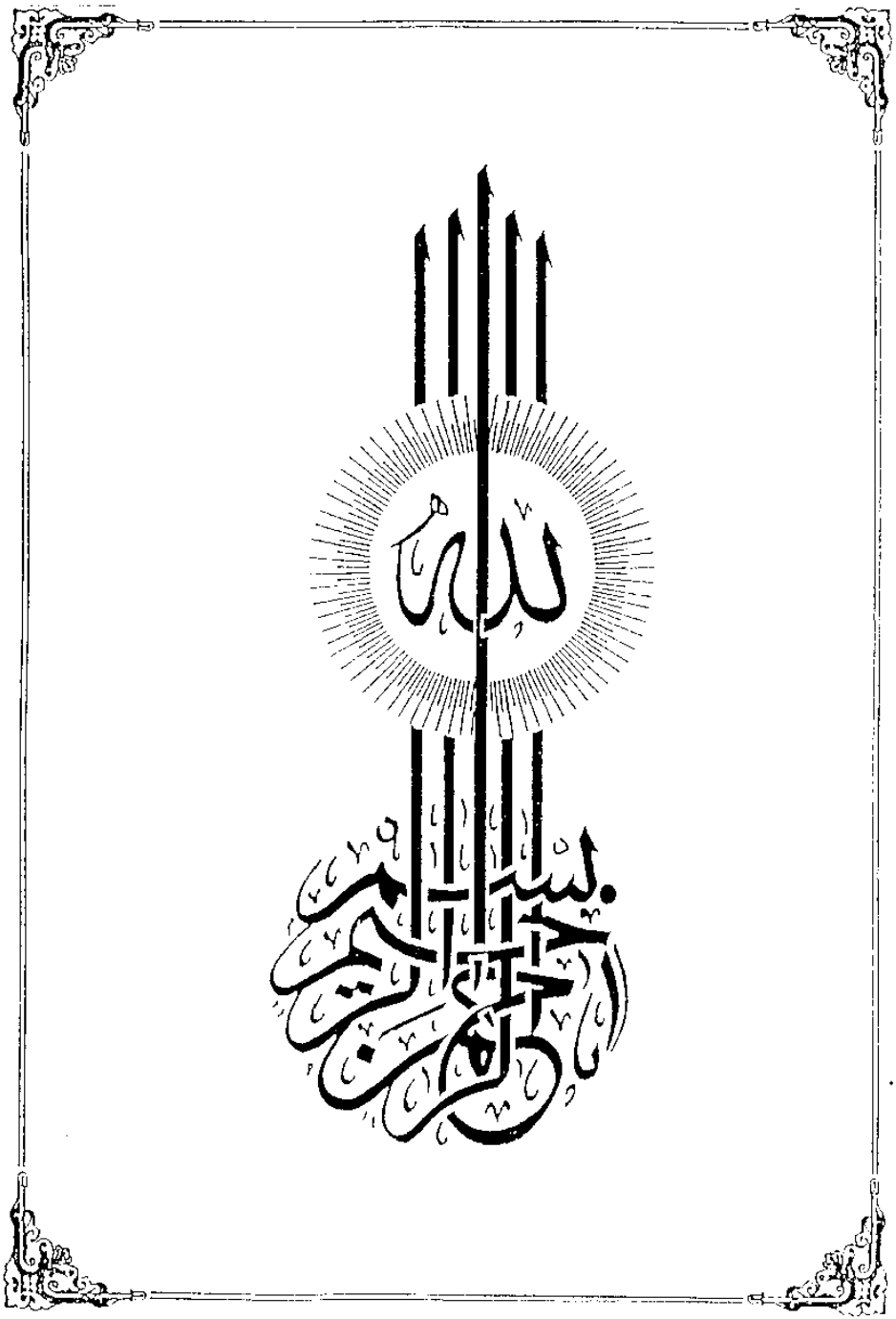

To my lovely son Mohamed

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LIST OF ABBREVIATIONS

5HT:	5 hydroxy tryptamine
A:	Adenine
ADP:	Adenosine diphosphate
AHF:	Anti-hemophilic factor
AIDS:	Acquired Immunodeficieny Syndrome
AMD:	Amplified mismatch detection
APCC	Activated prothrombin complex concentrates
APTT:	Activated partial thromboplastin time
arg:	Arginine
AT III:	Antithrombin III
bp:	Base pair
BTG:	Beta-thromboglobulin (a platelet protein)
C:	Cytosine
Ca++:	Calcium
cAMP	Cyclic adenosine monophosphate
cDNA:	Complementary DNA = copy DNA
CMC	Chemical mismatch clesvage
CP:	Ceruloplasmin
CRM $^{-}$	Cross reacting material negative
CRM+:	Cross reacting material positive
Da:	Dalton
DDAVP	1-deamino 8-D arginine vasopressine
DGGE	Denaturing gradient gel electrophoresis
DNA:	Deoxyribonucleic acid
dNTPs	Deoxynucieoside triphosohates
EACA	Epsilon aminocaproic acid
EDTA:	Ethylene di-amine tetra-acetic acid
EIA:	Electroimmunoassay

ELISA:	Enzyme linked immunosorbent assay
FDPs	Fibrin degradation products
FIA:	fluorescent immunoassay
FIX:	Factor IX
FIXa :	Activated factor IX
FV:	Factor V
FVIII : C :	Factor VIII coagulant activity
FVIII R Ag :	Factor VIII related antien
FVIII/vWF:	Factor VIII/von Willebrand factor
FVIII:	Factor VIII
FVIII:Ag :	Factor VIII antigen
FVIIIa:	Activated factor VIII
FX:	factor X
FXa:	Activated factor X
G:	Guanine
G6PD:	Glucose 6 phosphate dehydrogenase
GP:	Glycoprotein
HBV:	Hepatitis B virus
HCV:	Hepatitis C virus
HIV:	Human immunodeficieny virus
HMWK:	High molecular weight kininogen
HVRs:	Hypervariable regions
IRMA:	Immunoradiometric assay
IU:	Interntional Unit
Kb:	Kilobase
Kda:	Kilodalton
Mg++:	Magnesium ions
MRNA:	Messenger RNA
NO:	Nitric oxides
PCC	Prothrombin complex concentrates
PCR	Polymerase chain reaction
PF4:	Platelet factor 4
PG A1:	Prostaglandin A1

PGE2:	Prostaglandin E2
PUBS	Percutaneous umbilical blood sampling
RFLPs:	Restriction fragment length polymorphisms
RIA:	Radio-immunoassay
RNA:	Ribonucleic acid
SSRs:	simple sequence repeats
STR	Short tandem repeat
STRPs	Short tandem repeat polymorphisms
T:	Thymine
TFPI:	Tissue factor pathway inhibitor
tPA:	Tissue plsminogen activator
TXA2	Thromboxane A2
U:	Uracil
Vmax:	Maximum velocity
VNTRs:	Variable number of tandem repeats
vWF:	von Willebrand factor
vWF:Ag :	von Willebrand factor antigen
WHO:	World Health Organization

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