

**PREDICTION OF HEPATITIS C VIRUS INFECTIVITY  
AMONG BLOOD DONORS USING POLYMERASE CHAIN  
REACTION FOR VIRAL RNA DETECTION**

*Thesis*

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1996**



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

قَالُوا سُبْحٰنَكَ لَا عِلْمَ لَنَا اِلَّا مَا عَلَّمْتَنَا

اِنَّكَ اَنْتَ الْعَلِیْمُ الْحَكِیْمُ

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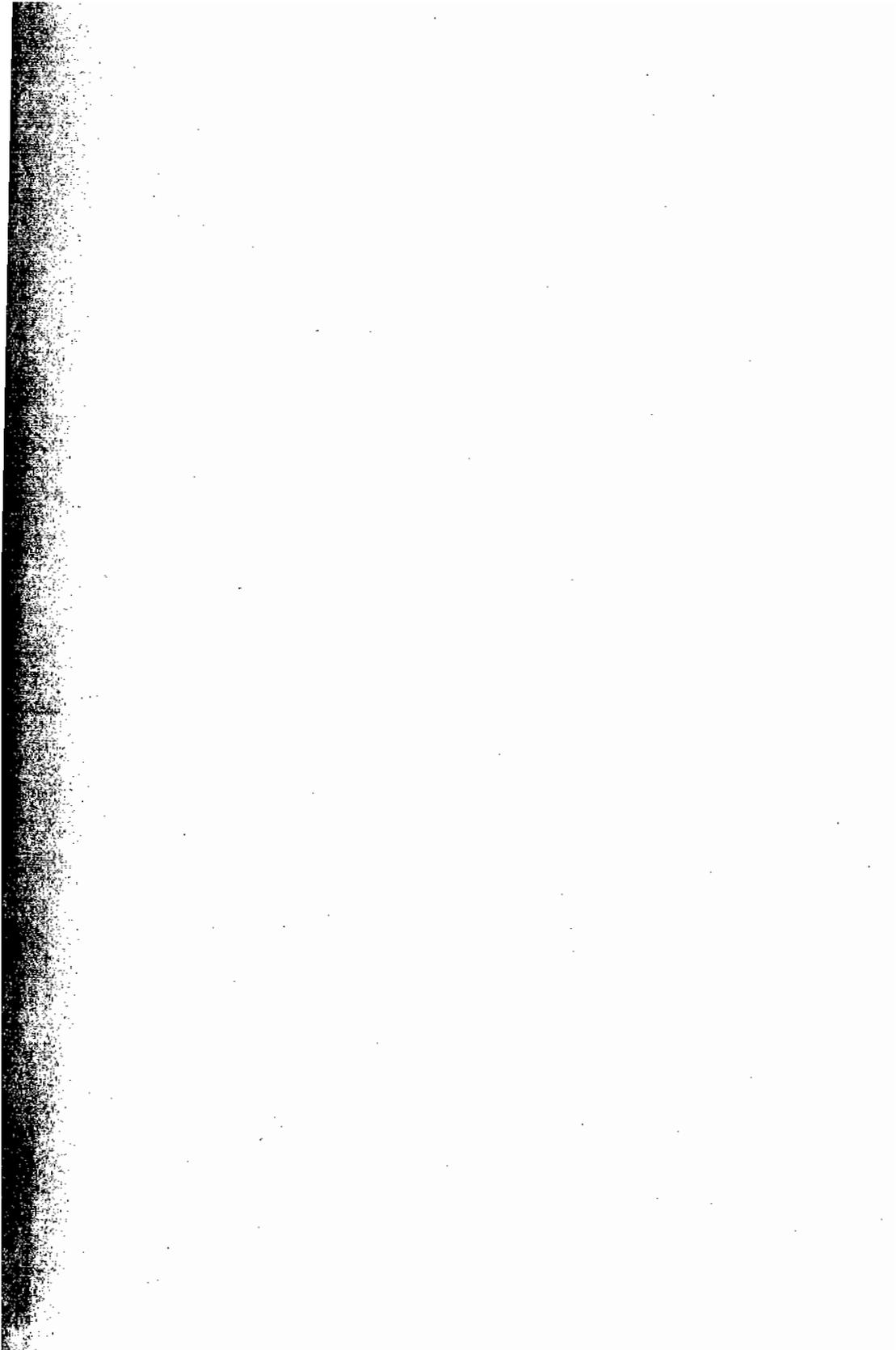
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**DEDICATION**

♥  
♥ TO MY MOTHER ♥  
♥

*Mona..*



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## LIST OF ABBREVIATIONS

<b>ALT:</b>	alanine aminotransferase
<b>Anti-DS-DNA:</b>	anti-double stranded DNA
<b>Anti-HBC:</b>	antibodies to the hepatitis B core antigen
<b>Anti-HCV:</b>	antibodies to the hepatitis C virus
<b>AST:</b>	aspartate aminotransferase
<b>bdDNA:</b>	branched DNA
<b>bp:</b>	base pair
<b>cDNA:</b>	complementary DNA, copy DNA
<b>CID:</b>	Chimpanzee infectious dose
<b>DNA:</b>	deoxyribonucleic acid
<b>dNTPs:</b>	deoxynucleotide triphosphates
<b>E:</b>	envelope
<b>EIA:</b>	enzyme immunoassay
<b>HCV:</b>	hepatitis C virus
<b>hSOD:</b>	human superoxide dismutase
<b>HVR:</b>	hypervariable region
<b>IgG:</b>	immunoglobulin G
<b>IgM:</b>	immunoglobulin M
<b>MC:</b>	mixed cryoglobulinemia
<b>MMLV-RT:</b>	Molony Murine Leukemia virus reverse transcriptase
<b>NANB:</b>	non-A, non-B
<b>NANBH:</b>	non-A, non-B hepatitis
<b>nt:</b>	nucleotide
<b>NS:</b>	non-structural
<b>ORF:</b>	open reading frame
<b>PBMCs:</b>	peripheral blood mononuclear cells
<b>PCR-SSCP:</b>	PCR-mediated single strand conformation polymorphism
<b>RIBA:</b>	recombinant immunoblot assay
<b>RNA:</b>	ribonucleic acid
<b>RT:</b>	reverse transcription
<b>SOD:</b>	superoxide dismutase
<b>SIA:</b>	strip immunoblot assay
<b>UTR:</b>	untranslated region



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