ROLE OF VITAMIN A IN PATHOGENESIS OF CHILDHOOD ASTHMA

Thesis Submitted for the Partial Fulfillment of the Master Degree in Pediatrics

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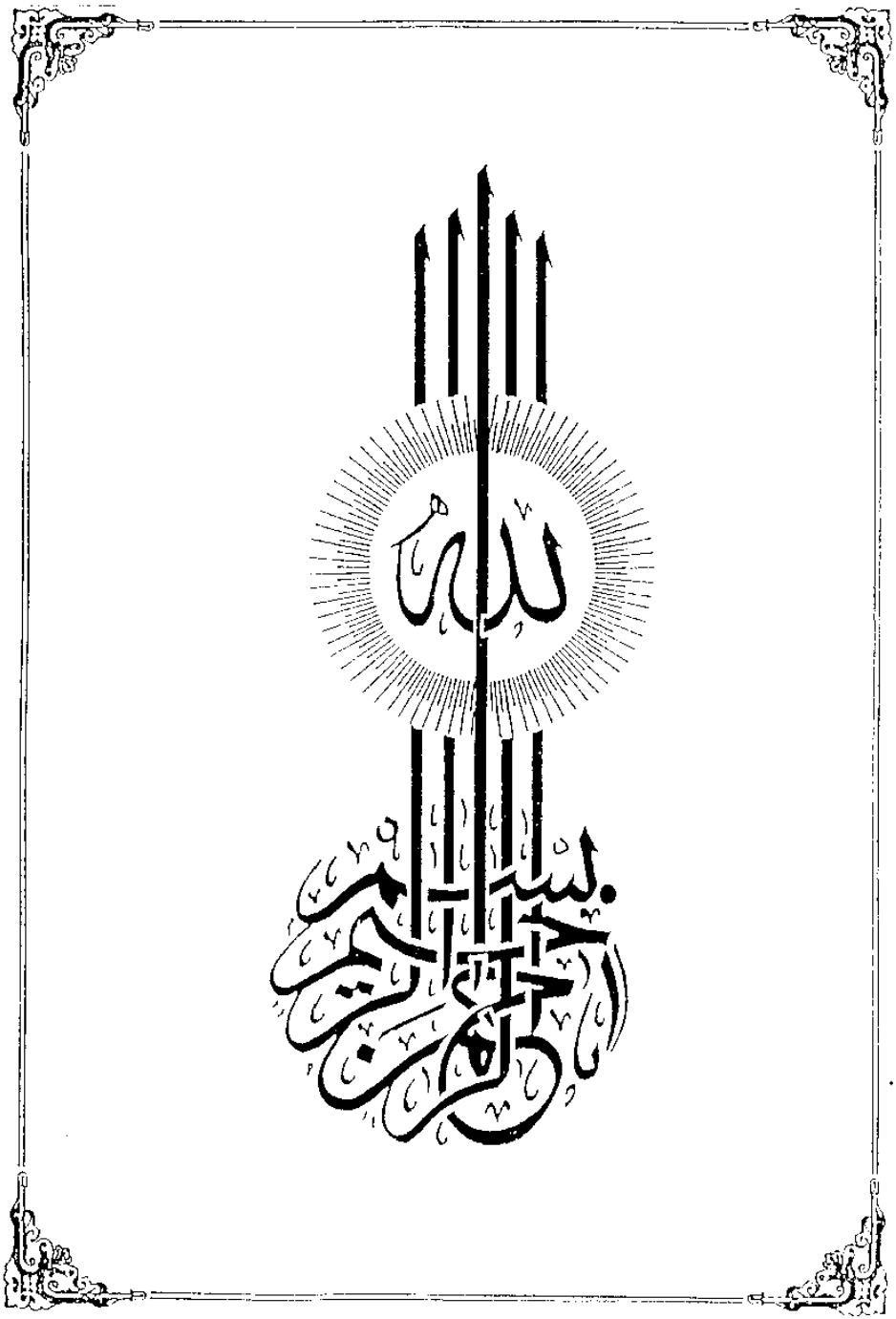

بسم الله الرحمن الرحيم

قالوا سبحانك لا علم لنا إلا ما علمتنا،
إنك أنت العليم الحكيم

صدق الله العظيم

سورة البقرة، الآية ٣٢

إهداء

إلى أستاذي الفنان
كل الشكر والعرفان على
رسم هذا العمل وكل
وتقديري

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CONTENTS

LIST OF ABBREVIATION

Ag: Antigen
BPD: Broncho-pulmonary dysplasia
CNS: Central nervous system
GM-CSF: Granulocyte macrophage-colony stimulating factor
HIV: Human immune deficiency virus
HPLC: High performance liquid chromatography
ICAM: Intercellular adhesion molecule
IgE: Immunoglobulin E
IL: Interleukin
INF: Interferon
MBP: Major basic protein
NANC: Non-adrenergic non-cholinergic system
PDGF: Platelet derived growth factor
PGs: Prostaglandins
PAF: Platelet activating factor
RAST: Radio-immune sorbant assay
RBP: Retinol-binding protein
RDA: Recommended daily allawance
RSV: Respiratory syncytial virus
SHR: Spontaneous histamine release
TNF: Tumour necrosis factor
TX: Thromboxane
USPC: United States Pharmacopial Convention
VLBW: Very low birth weight
WHO: World Health Organization

LIST OF TABLES

LIST OF FIGURES