THE RELATIONSHIP BETWEEN TOTAL SERUM IgE LEVELS, EOSINOPHIL COUNTS AND IL-4 PRODUCTION IN CIGARETTE SMOKERS AND THEIR CHILDREN

Thesis Submitted for Partial Fulfillment of the Master Degree in Bacteriology

By

Makram Fahmy Attla

M.B., B.Ch.

Supervised by

Dr. Narges Mohamed Ismail Etaish

Assistant Professor of Bacteriology

Faculty of Medicine-Ain Shams University

Dr. Mervat Abdel Hamid Mohamed

Lecturer of Bacteriology

Faculty of Medicine-Ain Shams University

Faculty of Medicine

Ain Shams University

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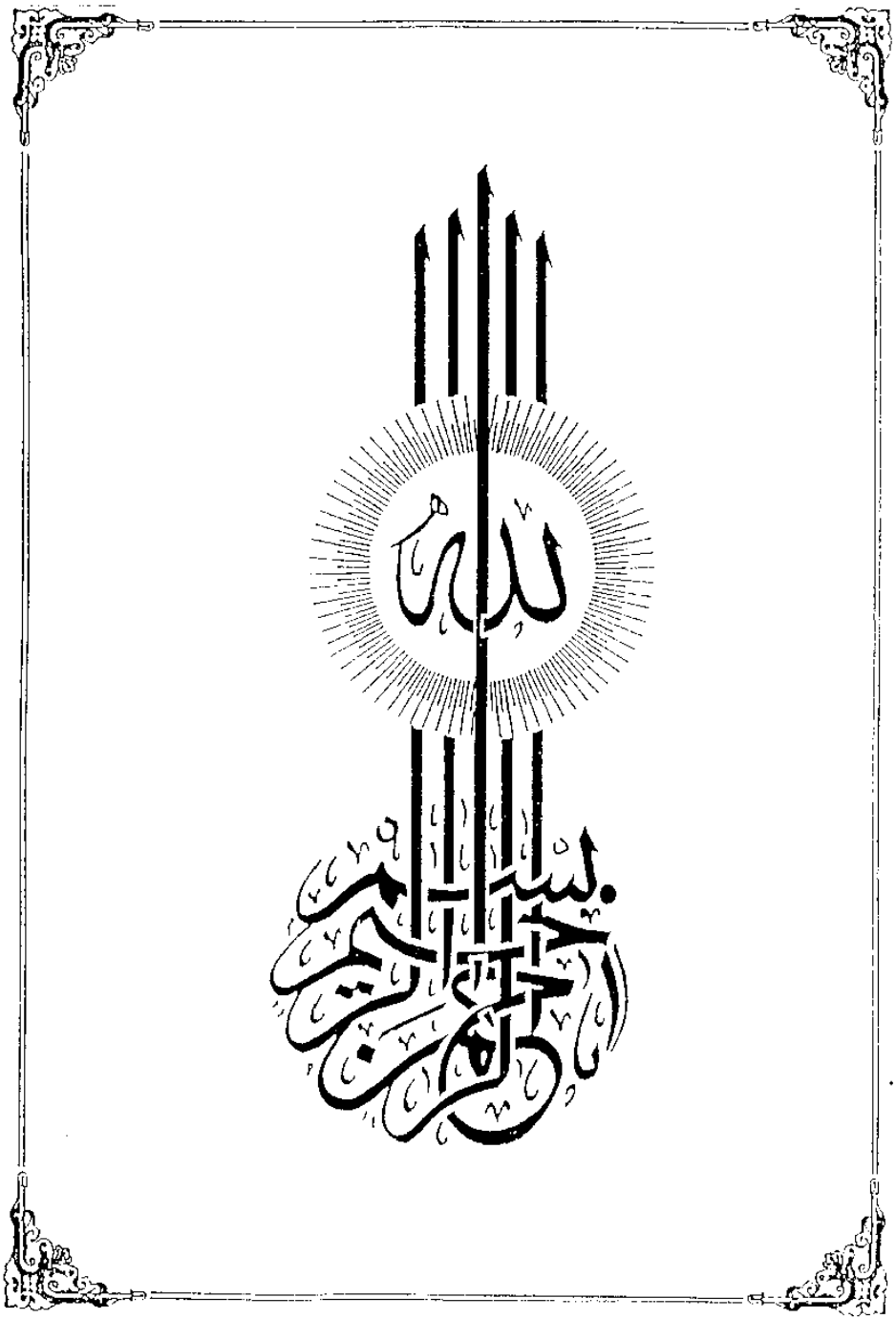

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LIST OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF ABBREVIATIONS

ADCC:	Antibody dependent cellular cytotoxicity
CD:	Cluster of differentiation
CLC:	Charcot Lyeden crystal protein
CNS:	Central nervous system
COPD:	Chronic obstructive pulmonary disease
ELISA:	Enzyme linked immunosorbent assay
FEV1:	Forced expiratory volume in one second
GIT:	Gastrointestinal tract
GMCSF:	Granulocyte macrophage colony stimulating factor
Ig:	Immunoglobulin
IL-:	Interleukin
IFN-γ:	Interferon-γ
MBP:	Major basic protein
MIP:	Macrophage inflammatory protein
NK:	Natural killer
NKCA:	Natural killer cytotoxic activity
PBMNCs:	Peripheral blood mononuclear cells
PCR:	Polymerase chain reaction
PEFR:	Peak expiratory flow rate
RAST:	Radioallergosorbent test
TGF:	Transforming growth factor
Th:	T-helper
TLC:	Total leukocytic count
TNF-α:	Tumour necrosis factor
WBCs:	White blood cells

Introduction and Aim of the work