



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

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بالرسالة صفحات
لم ترد بالأصل

**Estimation of Tumor Necrosis Factor Alpha
(TNF- ALPHA) In Sera of Asthmatic Children
and Its Correlation to Their Pulmonary Functions.**

Thesis

**Submitted for Partial Fulfillment of
MD. Degree In Pediatrics.**

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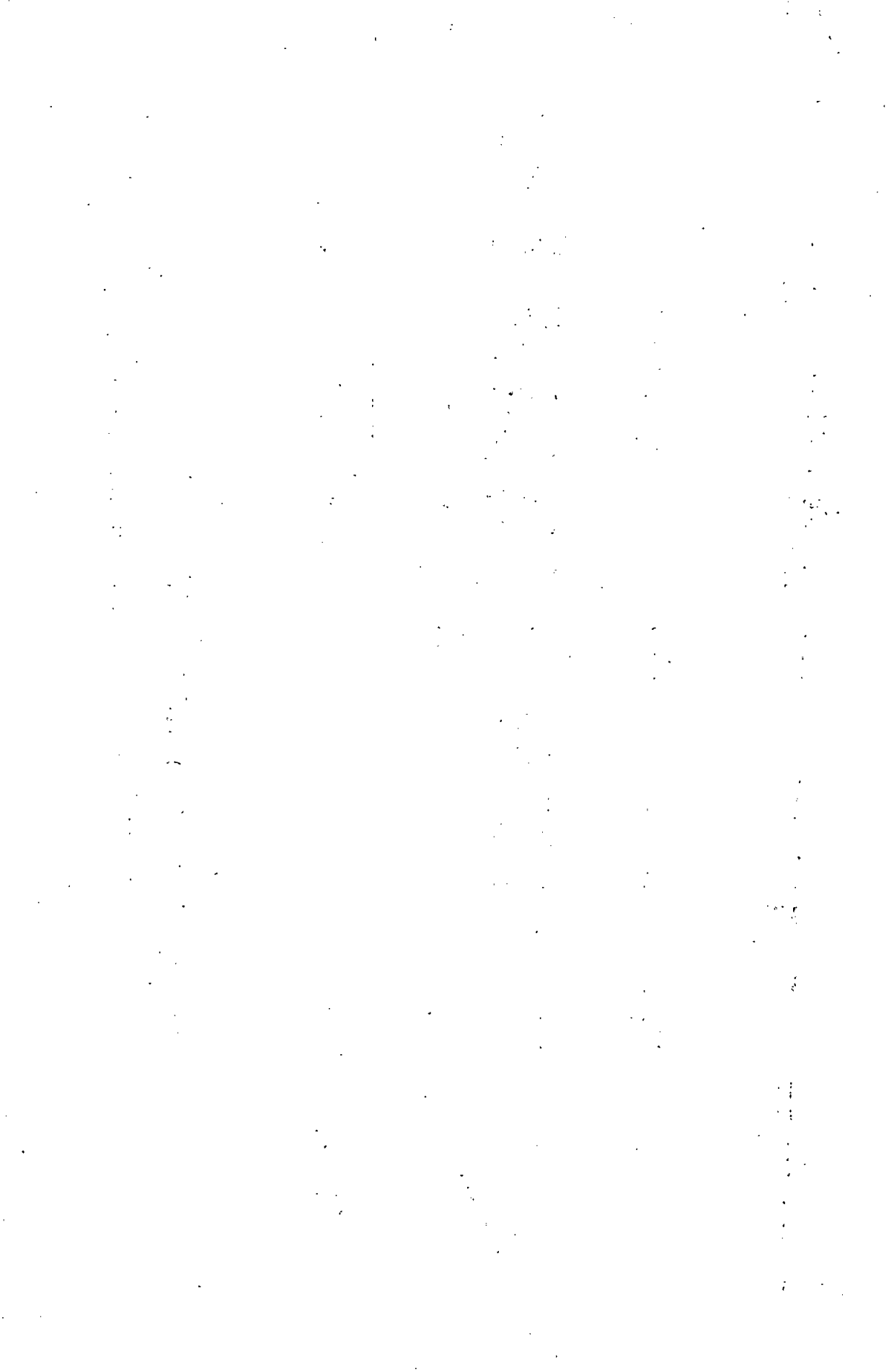
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﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ

لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ

أَنْتَ الْعَلِيمُ الْحَكِيمُ﴾

صدق الله العظيم

البقرة/ آية (٣٢)

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List of Abbreviations

ADCC	Antibody-dependent cellular cytotoxicity.
ARDS	Adult Respiratory Distress Syndrome.
ATS	American Thoracic Society.
BAL	Broncho-alveolar Lavage.
BCG	Bacillus Calmette and Guerin.
BDP	Beclomethasone dipropionate.
BUD	Budesonide.
C3	Complement 3.
CAM	Cellular adhesion molecule.
CD25	Cluster of differentiation number 25.
CGRP	Calcitonin gene-related Peptide.
COPD	Chronic Obstructive Pulmonary Disease.
C. Pneumoniae	Chlamydia Pneumoniae.
CRP	C-reactive Protein.
DIC	Disseminated intravascular Coagulation.
DSCG	Disodium Chromoglycate (Intal).
EASIA	Enzyme Amplified Sensitivity Immuno-Assay.
ECP	Eosinophil Cationic Protein.

EGF	Epidermal Growth Factor.
EIA	Exercise Induced Asthma.
EPO	Eosinophil Peroxidase.
EPR	Early phase reaction.
FEF ₂₅₋₇₅	Forced Expiratory Flow over 25-75% of FVC.
FEV ₁	Forced Expiratory Volume in 1 st second.
FLAP	5-Lipoxygenase Activating Protein.
FP	Fluticasone Propionate.
FVC	Forced Vital Capacity.
GORD	Gastro-oesophageal reflux disease.
GM-CSF	Granulocyte macrophage Colony Stimulating factor.
HIV	Human Immunodeficiency Virus.
H ₂ O ₂	Hydrogen Peroxide.
ICAM	Intercellular adhesion molecule.
IF- γ	Interferon gamma.
IgE	Immunoglobulin E.
IGF	Insulin-Like growth factor.
IL	Interleukin.
IVIG	Intravenous Immunoglobulins.
