A Study of Cytokeratin 19 Fragment (CYFRA 21-1) in Some Cases with Chronic Obstructive Pulmonary Diseases

Thesis

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Master Degree in Chest Diseases

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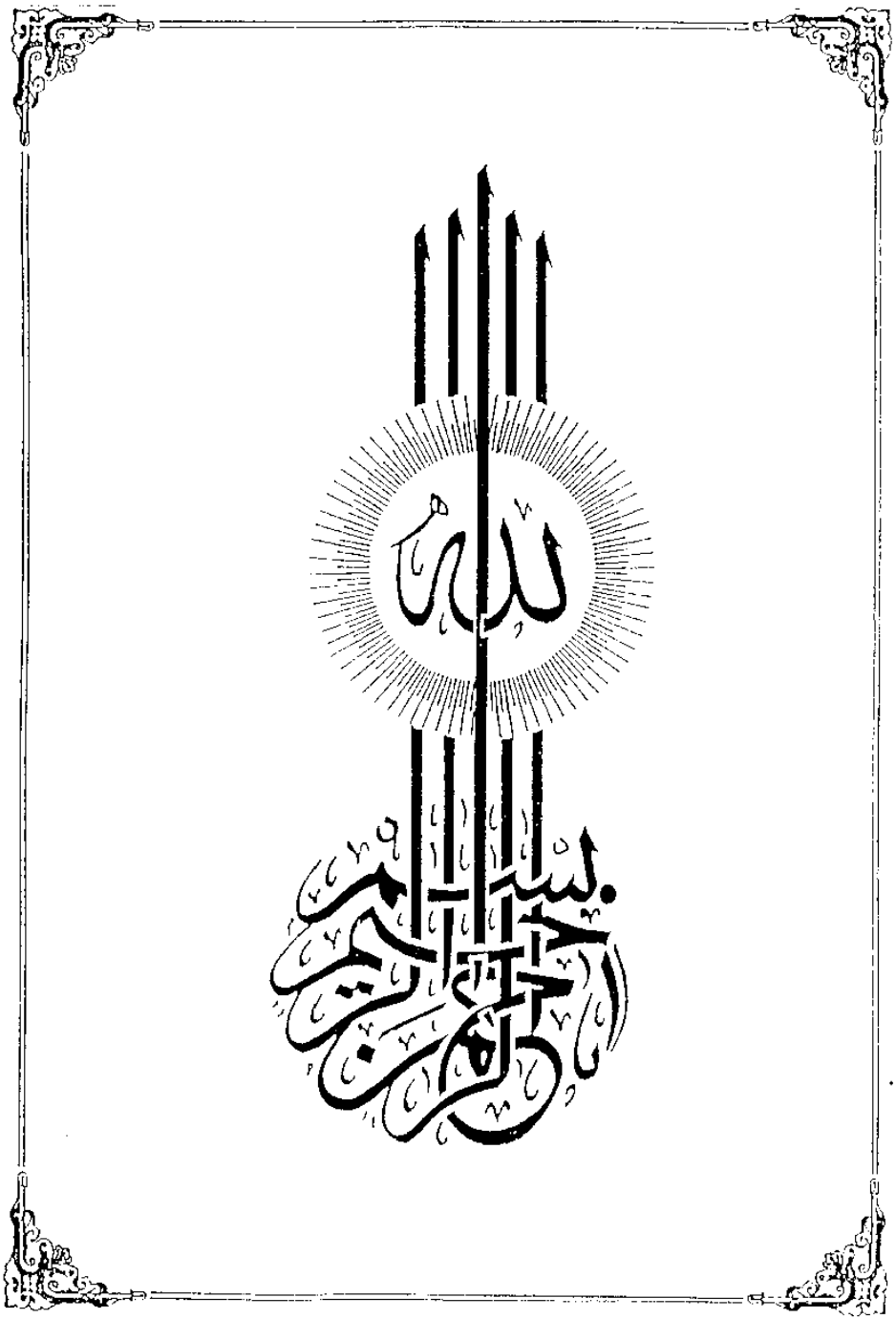

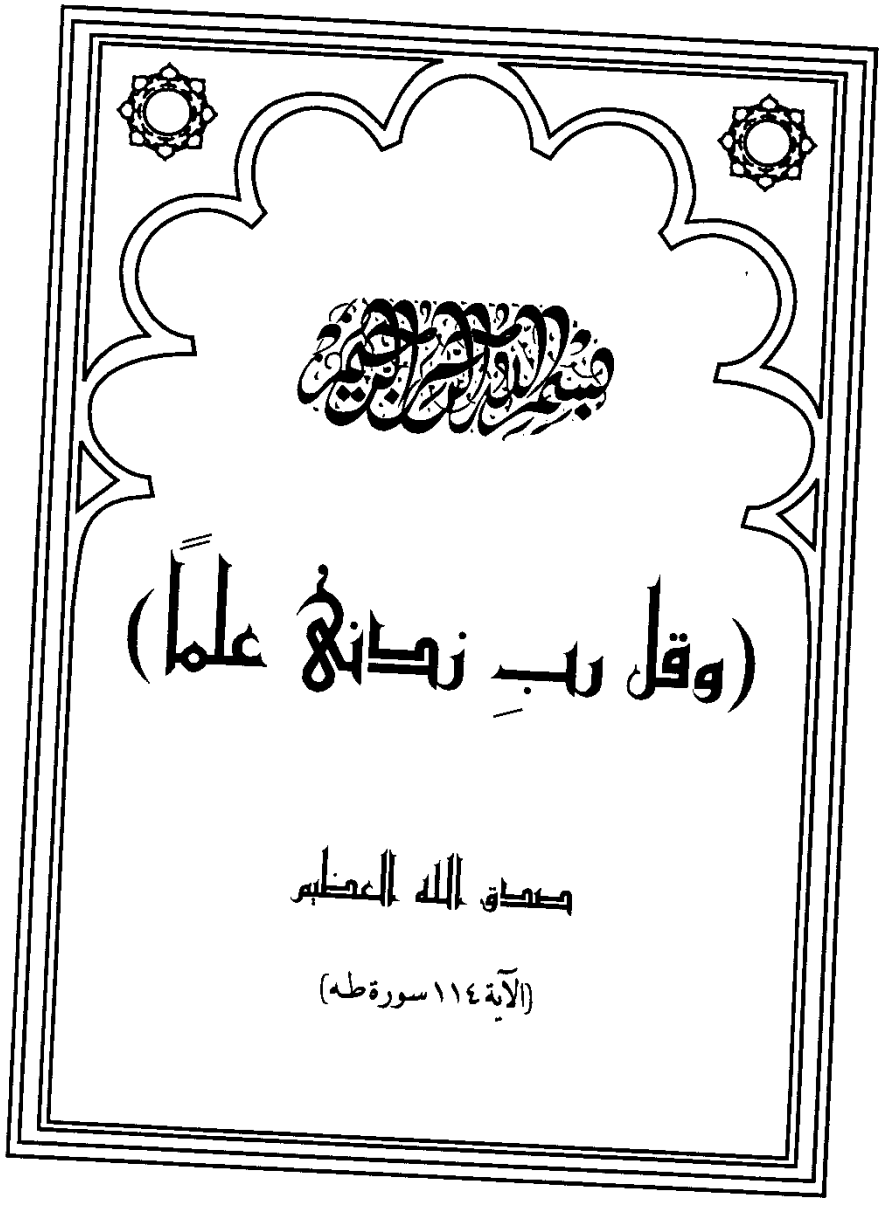

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List of Abbreviations

ABG	Arterial blood gases
AFP	Alpha fetoprotein
ALT	Alanine aminotransferase
AST	Aspartate aminotranseferase
ATS	American Thoracic Society
ATT	Alpha$_1$ - antitrypsin
C.O.P.D.	Chronic Obstructive Pulmonary Disease
CEA	Carcinoembryonic antigen
CKs	Cytokeratins
CT	Computed tomography
CYFRA 21-1	Cytokeratin 19 fragment
ECG	Electrocardiography
EGF	Epidermal growth factor
EIA	Enzyme immunoassay
ELISA	Enzyme linked immunoassay
$FEF_{25-75\%}$ of pred.	Average flow rate between 25% and 75% of the forced vital capacity
FEV_1	Forced expiratory volume in one second
FEV_1/FVC% of pred.	Ratio of FEV_1 to FVC expressed as a percentage of predicted
FRC	Functional residual capacity
FVC	Forced vital capacity
G.O.L.D.	Generalized obstructive lung disease
IgE	Immunoglobulin E
KCO	Diffusion coefficient, or Transfer coefficient

KD	Kilo dalton
MoAbs	Monoclonal antibodies
MW	Molecular weight
min	minutes
NSCLC	Non small cell lung cancer
NSE	Neurone specific enolase
$PaCO_2$	Arterial carbon dioxide tension
PaO_2	Arterial oxygen tension
PEEPi	Intrinsic positive end expiratory pressure
PEF	Peak expiratory flow
PE_{max}	Maximum expiratory pressure
PI_{max}	Maximum inspiratory pressure
pH	Negative log of the hydrogen ion concentration
REM	Rapid eye movement
RV	Residual volume
SaO_2	Arterial oxygen saturation
SCC-Ag	Squamous cell carcinoma antigen
SCLC	Small cell lung cancer
SGOT	Serum glutamic oxaloacetic transaminase
SGPT	Serum glutamic pyruvic transaminase
TLC	Total lung capacity
TLCO	Carbon monoxide transfer factor
TPA	Tissue polypeptide antigen
V'/Q'	Ventilation/Perfusion ratio
V'_{max}	Maximal expiratory flow at a given lung volume
$V'_{max\ 50}$	Maximal expiratory flow at 50% of vital capacity
VC	Vital capacity
WHO	World Health Organization

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