

بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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لم ترد بالأصل



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B 157.ε

NEW METHODS FOR DIAGNOSIS OF TUBERCULOSIS

Thesis
Submitted in partial fulfillment
Of M. D. Degree
In Clinical Pathology

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

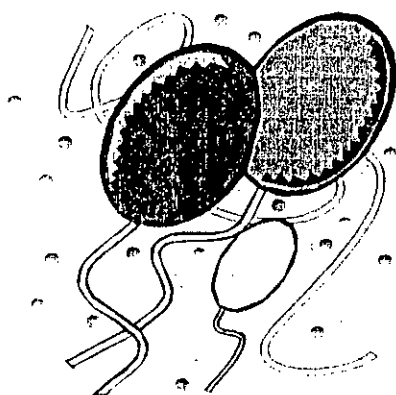
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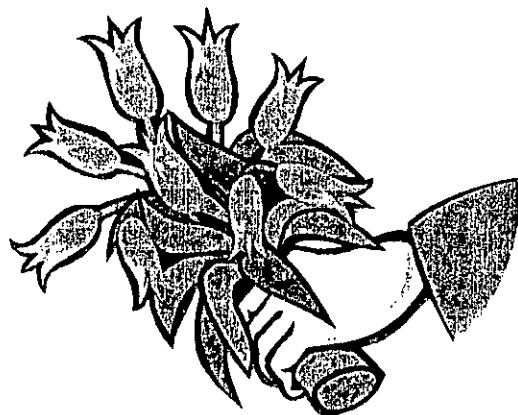
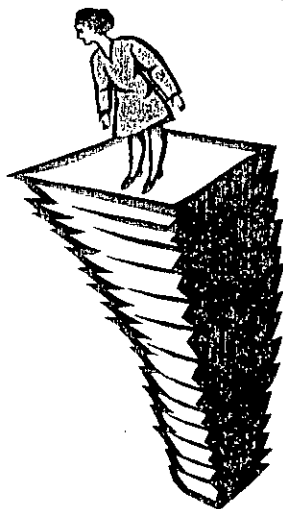
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To My Parents
And my kids,
All my love and respect



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LIST OF ABBREVIATIONS

A	: Adenosine
A60	: Antigen 60
AFB	: Acid Fast Bacilli
AIDS	: Acquired Immune Deficiency Syndrome
AMTD	: Amplified Mycobacterium Tuberculosis Direct
APC	: Antigen presenting cell
A-R	: Auramine-Rhodamine
ARI	: Annual risk of infection
ATCC	: American Type Culture Collection
ATS	: American Thoracic Society
BCG	: Bacillus Calmette Guérin
BSLIII	: Biosafety Level 3
bp	: base pair
C	: Cytosine
CDC	: Centers for Disease Control
cfu	: Colony forming unit
CMI	: Cell mediated immunity
COPD	: Chronic Obstructive Pulmonary Disease
CSF	: Cerebro-spinal fluid
DNA	: Deoxyribonucleic acid

DNAase	: Deoxyribonuclease
dNTP	: deoxyribonucleoside triphosphate
DOTS	: Direct Observed Therapy/ short course
ds	: double strand
DTH	: Delayed Type Hypersensitivity
ELISA	: Enzyme Linked Immunosorbant Assay
G	: Guanine
GLC	: Gas Liquid Chromatography
HIV	: Human immunodeficiency virus
HLA	: Human Lymphocyte Antigen
HPLC	: High Performance Liquid Chromatography
HSP	: Heat Shock Protein
HRP	: Horseradish Peroxidase
IFN- γ	: Interferon – γ
IL	: Interleukin
IUAT	: International Union Against Tuberculosis
INH	: Isoniazide
IS	: Insertion Sequence
IUAT	International Union Against Tuberculosis
KDa	: Kilo Dalton
LAM	: Lipoarabinomannan

LCR	: Ligase Chain Réaction
MAC	: Mycobacterium avium complex
MAIS	: <i>M.avium- intracellulare-scrofulaceum</i> complex
MDR	: Multidrug Resistance
MHC	: Major Histocompatibility Test
MIC	: Minimum inhibitory concentration
MGIT	: Mycobacterium Growth Index Test
MOTT	: Mycobacterium other than tuberculosis
MTB	: Mycobacterium tuberculosis
MTC	: Mycobacterium Tuberculosis Complex
MW	: Molecular weight
NAA	: Nucleic acid amplification
NALC	: N- acetyl- L- cycteine
NAP	: p-nitro- α - acetyl amine- β -propiophenone
NTM	: Non tuberculous mycobacterium
NTP	: National Tuberculosis Program
OADC	: Oleic acid, albumin, dextrose, Catalase
OD	: Optical Density
OIF	: Oil immersion field
OT	: Old Tuberculin
PAGE	: Polyacrylamide gel electrophoresis