

# CURRICULUM VITAE

**Name** : Eglal Abdel Salam El Sherbin  
**Current position** : Professor of Microbiology  
Microbiology Department  
Medical Research Institute (MRI)  
University of Alexandria  
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## ➤ Education

- **MBBCh.** Faculty of Medicine-Alexandria University, November 1974.
- **MS in Microbiology.** Faculty of Medicine, Alexandria University, 1979.  
**Thesis:** Sources of Pseudomonas aeruginosa infection in the Urology Department of Alexandria University Hospital and evaluation of serological typing.
- **MD in Microbiology:** Faculty of Medicine-University of Alexandria 1985.  
**Thesis:** Vaginal Bacteria and serum Immunoglobulins in women using different contraceptive methods.

## ➤ Employment History

- House officer in Alexandria University Hospital.  
From 1/3/1975-to-28/2/1976

- Doctor in Ministry of Health.  
From 3/1976 to 4/1976
- Resident in Anesthesia Department-Faculty of Medicine University of Alexandria.  
From 4/1976 to 22/11/1976
- Demonstrator in Microbiology Department- Medical Research Institute- University of Alexandria.  
From 23/11/1976 to 5/3/1980
- Assistant Lecturer in Microbiology Department - Medical Research Institute – University of Alexandria.  
From 6/3/1980 to 27/5/1985
- Lecturer in Microbiology Department, MRI, University of Alexandria.  
From 28/5/1985-25/6/1990
- Assistant Professor in Microbiology Department MRI- Alexandria University.  
From 1/7/1990 to May/1995
- Professor of Microbiology – MRI – Alexandria University.  
29 /June/1995 - till now.
- Emeritus Professor of Microbiology – MRI – Alexandria University.  
from 1/ 8/2011  
- Till now.

## **Conferences & Projects**

### **I- Participation in the following conferences:**

#### **1- Annual Conference of Medical Research Institute.**

- ❖ Presenting a talk “Recent advances in diagnosis of Mycobacterium tuberculosis”./ Recent Diagnostic and Therapeutic Approaches
  - 10<sup>th</sup> conference 8-Oct -2003
- ❖ Presenting a talk “Available Molecular technique for Diagnosis of multidrug Resistant strains & Mycobacterium tuberculosis”.  
“Evidence-based diagnosis of tuberculosis”
  - 11<sup>th</sup> conference 23-25 Nov-2005.
- ❖ Presenting a talk “ Infection in Critical ill patients”./ Advances in Medical research 12<sup>th</sup>Conference 22-24 Nov-2006.
- ❖ Presenting a talk “Advances in Medical research/ Liver Diseases ”
  - 13<sup>th</sup> conference 21-23Nov-2007.
- ❖ Presenting a talk “Safety in molecular Lab”
  - 15<sup>th</sup> conference Nov-2009.
- ❖ Presenting a talk “Quality in Medical Education and Practices ”
  - 16<sup>th</sup> Annual conference (4<sup>th</sup> international)  
19-22Nov-2010. Sheraton ,Montazah Hotel .Alex
- ❖ Chairperson in the 17<sup>th</sup> Annual conference (5<sup>th</sup> international)  
Advances In MedicalResearch “ OBESITY”  
13-16Nov-2012.Hilton, green Plaza Hotel, Alex

❖ Chairperson in the 18<sup>th</sup> Annual conference (6<sup>th</sup> international)  
Multidisciplinary Approach in cancer management “  
September - 2014

2- **The 11<sup>th</sup> conference Annual International Conference of the Egyptian Society of Medical Microbiology.**

◆ **Presenting a talk** Molecular approach to the diagnosis of TB  
infection” 6-7 march-2003.

3- **Attending the activity of the 14<sup>th</sup> International Conference of the Egyptian Society of Medical Microbiology.**

13<sup>th</sup> April 2006

4-**Attending the activities of the 15<sup>th</sup> conference of the Egyptian Society for Medical Microbiology**

5-6 April 2007

5- **Attending and actively participating** in “The 3<sup>rd</sup> Eastern Mediterranean Regional Infection Control Congress” & “The 18<sup>th</sup> Annual conference of the Egyptian Society of infection control  
“ No..... For Never Events” Port-Saïd, 6-9 Nov 2009

6-**Attending the activity of the 17<sup>th</sup> International Conference of the Egyptian Society of Infection control.**

“Surveillance .... Realities and Aspirations” Nov 7-10 2008

7- **actively participating** in the 3<sup>rd</sup> Annual scientific & specific conference “ : Recent Advances in Laboratory Medicine .

In Alex , May 21-23 2008

8- the 5<sup>th</sup> Annual scientific & specific conference “ : Recent Advances in Laboratory Medicine .

Presenting a talk “ Advances in the diagnosis of Extrapulmonary tuberculosis “ In Alex , May 5-7 2010

9-**Chairperson in the Annual conference of the Arab Society of infectious Diseases and Antimicrobials**

Cairo , Ein Shams University September 4-6 2012

10-1<sup>st</sup> Annual conference of infection control at Military Forces Hospital Alex, 20<sup>th</sup> Dec 2012

### **WORKSHOP**

1- Participate in the Egyptian-Italian Workshop 1992-96, 2005.

2- Attending the “Life Science” Seminar on molecular biology and cell culture. The Egyptian Society of Genetics .

Cairo. 20-21 April 2004

3-Attending and actively participating in “ Research Ethics workshop”

In the 26<sup>th</sup> Annual Summer meeting of the Egyptian society of Surgeons

23<sup>rd</sup> October 2008 Helnan Palestine Hotel Alex, Egypt .

- 4-Attending The 1<sup>st</sup> workshop on “molecular Evolution and Phylogeny of Infectious Diseases”. Organized by Istituto Superiore Di Sanita. Rome , Italy Nov 28<sup>th</sup> – December 1<sup>st</sup> ( 2011)
- 5- Attending The 2<sup>nd</sup> workshop on “ molecular Epidemiolon and Phylogenesis of Infectious Diseases”. Organized by Istituto Superiore Di Sanita. Rome , Italy 19<sup>th</sup> -21<sup>st</sup> March, ( 2012)
- 6-Participated in the Workshop “Hands on : The Basic Techniques Used in Molecular Biology” Held on the Medical Technology center ,Alex 20-23 October 2014 & on 15-18 December 2014
- 7-Participation in the Egyptian-Italian Workshop “ Infection control principles “ – Held on the Medical Technology center Alex-Egypt Feb ( 2013 , 2015 )
- 8- Participation in the Workshop On “ DNA Sequencing ; Application of **DNA sequencing** in clinical practice “. Held at The medical Research Institute . Alex-Egypt , Feb (2016)
- 9-Participate in the projects of Microbiology Department carried out in cooperation with the Italian University Tor Vorgata ROMA.
- ◆ Bacteriologic analysis of sea water.
  - ◆ Study of seroprevalence of HCV in Alexandria Egypt.

- ◆ Study of seroprevalence of HIV in Alexandria Egypt.

7- Project funded by the University of Alexandria for one year (1992) study of the nasopharyngeal Carriage of Neisseria meningitides In School Children in Alexandria

8- Alex- Prep

➤ Teaching Activities

**I- Program coordinator of : Master Degree in Infection control and its management ( 2012)**

**II- Teaching**

1- Teaching postgraduate students of MRI Alexandria University – Master Degree and PhD Degree In Molecular and diagnostic microbiology–.

2- Teaching postgraduate students of MRI Alexandria University – Master Degree In Infection Control and Its Management

3-Teaching Microbiology and Immunology to undergraduate students of Faculty of dentistry ( Malyzie ) ( 2008-2010)

4-Teaching oral Microbiology and Immunology to postgraduate students of Faculty of dentistry. 2005 - 2015

5-Teaching Microbiology and Immunology to undergraduate student of Technical Institute of Health / Alex-Ministry of Health and population (MOHP) 1990-2017.

**III-Organization and active participation in the preparation and execution of several workshops and Training activities at the Medical Technology Center for research and services.**

- Basic Techniques used in Molecular Biology
- PCR Technique and western Blot Analysis

**IV- Member in the infection control Committee at the**

**MRI.** Participation in the activity of the infection control team :

**A) The Medical Research Institute through continuous giving of lectures and Training activities to the health care personnel in Personal Health and Safety Precautions**

**B)In the community :Cooperation with the ministry of health via periodic giving educational lectures at Family planning center ( Smouha) regarding :**

- occupational safety & employee health
- Super bug / MRSA
- M.tuberculosis & infection control measures



**V- Member in the Medical Ethics committee At the  
Medical Research Institute (2016-2017).**

**Publication :**

**Author In:**

**Book Title : Guidelines To Decontamination In  
Health care Facilites.**

**the 1<sup>st</sup> Edition (2015 )**

**Supervision:**

*Supervision with the following thesis:*

- Intravenous drug users: A high risk group for infection with HIV, HCV, CMV and Bacterial infection.

Ezz El-Din Anwar Saleh. -1994

- Biochemical view on the effect of Hepatitis Delta-virus infection on Expression of Hepatitis B virus in blood donors.

Hanan Hamdy Ibrahim. -1996

- Cryoglobulineamia in Hepatitis B and C virus Infection among Egyptian and Yemen Blood donors at Alexandria and SaNA'A governorates.

Khalid Ali Mohamed . -1998

- Biochemical studies in association of Hepatitis E virus and hepatitis C virus infection in blood donors.  
OM-Hachem Mustafa Abdel Hameed . -2000.
- Hepatitis C virus Serological status among cases of Hepatocellular carcinoma.  
Irin Samir Rophail. - 2000
- A Descriptive study of the apoptotic changes in Donor leukocytes During blood storage.  
Iman Mohamed El Banna. -2001
- Evaluation of polymerase chain reaction, Direct Microscopy and culture for the detection of Mycobacterium tuberculosis in sputum.  
Abeer-Abdel Reheem Ghazal. PhD -2001
- Evaluation of PCR reaction as a tool for early diagnosis of Candidurea in cancer patients.  
Zeinab Abdel Hamid. -2002
- The role of Interferon gamma (IFN- $\gamma$ ), soluble Interleukin-2 Receptor (sIL-2R) and polymerase chain reaction (PCR) in the diagnosis of tuberculous Pleural effusion.  
Nahed Hassan Taha. -2004
- Biologic effects of laser radiation: Fundamental and applied studies in microorganisms.  
Nageeb Ali Kalala. - 2004

- A Diagnostic Approach to the diagnosis of extrapulmonary tuberculosis.  
Omneya tharyat. -2004
- Evaluation of Serum Versus Sputum samples in Diagnosis of pulmonary tuberculosis in relation to anti-oxidant Enzymes.  
Abdelatif Ahmed Hassanin. -2005
- Lipid Peroxidation and Mycobacterium tuberculosis identification in patients with chronic pulmonary tuberculosis.  
Hanaa Ebrahim Abdel Rahman. - 2005
- The Role of ureaplasma urealyticum and Mycoplasma hominis in Urinary tract infection through studying Arrylsulphate A and B in the urine.  
Fardous Wagdy Hamed. -2005
- The use of polymerase chain reaction for the Early Diagnosis of Invasive Fungal infection among Neutropenia Cancer patients.  
Dalia El Sayed Metwaly-. -2006
- Molecular characterization of Mycobacterium tuberculosis isolated form TB patients.  
Hadir Said Okasha. -2006
- Real-timer PCR detection of mRNA as a useful marker for susceptibility of M. tuberculosis to antimicrobial therapy.  
Amal Gaber El Sheredy. -2006

- The inhibitory effect of chitosan and its derivatives after enzymatic and chemical modification on bacterial growth: in vitro study.  
Marwa Mohamed Saleh. -2007
- Characterization of uropathogenic E.coli strain. isolated from community Acquired and Hospital Acquired Infections in Alex.  
Shams Abdel Fattah Arafa - 2007
- Study of periodontal status subgingival microbial flora in Down's Syndrome children.  
Hanan Abdel Kader Ibrahim -2007
- Evaluation of different laboratory tests for the detection of CTX-M Extended-Spectrum  $\beta$ -Lactamase production in *Escherichia coli* and *Klebsiella pneumoniae* clinical isolates from Alexandria, Egypt.  
Nermine Draz. - 2010
- Metallo-B-Lactamase Production Among Gram-Negative Bacilli isolated From Clinical Samples.  
Marwa Gamal Badie Mohamed Abdalla. - 2011
- A Molecular Study Of Sulphonamides Resistance Among *Escherichia coli* Isolated From Urine.  
Marwa Ahmed Atef. - 2011
- Mycobacterial Infection in Immunocompromised Patients.  
Reda Mostafa Elmerly -2012

- Detection of Multidrug Resistance Efflux Pump In Pseudomonas aeruginosa Strains Resistant To Fluroquinolones .  
Ingy Ibrahim Mahmoud El – Soudany -2012
  
- Molecular Detection Of Mycobacterium tuberculosis Resistant to Isoniazid For Assessment of Its Use In Treatment Of High Risk Group Patients With Latent Tuberculosis Infection .  
Mennat Allah Hasan Ali Elmeligi -2012
  
- Detection Of Virulence Factors in Killebsiella pneumonia strains Isolated from Clinical cases.
- Medical Research Institute -Alexandria University - 2013  
Aliaa Gamal Eldin Abdel Kader
  
- The effect of silver nano-particles with antibiotics, laser and photo-sensitizer on some gram positive and gram negative bacteria.  
Mo'men Gameel Abd Elmageed 2014 Master
  
- Molecular Typing of isoniazid resistant Mycobacterium tuberculosis Directly Detected from sputum of pulmonary tuberculosis cases.  
Reda Mostafa Aly El-Miry 2015 PhD

- Reduced vancomycin Susceptibility in *Staphylococcus aureus* ;  
Laboratory Detection and Genomic Characterization.  
Talal Yehia Ahmed Alquahtani 2015 PhD
  
- Comparative Molecular Typing Study : variable Number Tandem  
Repeat Versus Capsular Typing Of Multi Drug Resistant  
*Klebsiella pneumoniae* Isolated from Clinical Cases in Alexandria  
University Hospitals  
Aliaa Gamal El Din Aboul-Ela 2015 PhD
  
- The Effect of Azithromycin on Quorum sensing System and  
Virulence Factors in Clinical Isolates of *Pseudomonas aeruginosa*  
Ingy Ibrahim mahmoud El Soudany 2016 PhD
  
- The Effect of flushing and Chlorhexidine on the bacteriological  
Quality of Dental Unit water line ; A Comparative Study  
Sarah mahmoud Elnahas  
Master degree in Infection control and management 2017
  
- Assessment of Knowledge and Attitude Regarding Hand Hygiene

Among The Health Care Workers In Al-Jomheria hospital, SA'ADA

YEMEN

Master degree in Infection control and management 2017

- A Study of Central line Associated Blood Stream Infection Risk Factors and Preventable measures

Master degree in Infection control and management 2017

- Monitoring of The Environmental Surfaces bacterial Bioburden in Intensive Care Units as an Efficiency Measure for Cleaning and Disinfection Practices .

Master degree in Infection control and management 2017

- Phenotypic and Molecular characterization of Resistance to Streptogramin in Staphylococcus aureus Isolated From Different Types of Clinical Samples

Mona Salah Ibrahim Shalaby 2017

### III. Examiner in the following thesis:

- Evaluation of the in vitro activity of combination of some antimicrobials against Methicillin-Resistant *staphylococcus aureus*.  
Wafaa Yousef Abdel Rahman. - 1997
- A study of Diagnostic Methods for identification of Hepatitis C virus.  
Abeer Abdel Rehim Ghazal. -1998
- Comparison of the E test and a proportion dilution method for susceptibility testing of Mycobacterium tuberculosis.  
Doaa Mohamed E Hadad. - 1999
- Transmission of Hepatitis C virus between spouses.  
Nevien Abdel Haleem Awad. -2002
- DNA finger printing of streptococcus pyogenes strains isolated from some Egyptian children in different clinical conditions.  
Eman Ragab El Shehy. -2004
- Otitis Media with effusion in children Chlamydia pneumoniae detection and Role of interleukin 8.  
Magy Micheal Matta. -2004
- Evaluation of Mycobacteria Growth Indicator tube as a Rapid Method for culturing of Mycobacteria.  
Ahmed Mohamed Fonoun. -2005
- Molecular diagnosis of Diarrhegenic *E.coli* by PCR.  
Marwa Nehad Hassan. -2007



- Detection of Human papilloma virus DNA in Oral squamous cell carcinoma and related lymph nodes.

Marwa Mounir Afifi.

Faculty of dentistry -Alexandria University -2007

- The Relation between Chlamydia Pneumoniae Infection and other Risk factors in Patients with Coronary Heart disease.

Nahla Mohamed Hassan

Medical Research Institute -Alexandria University -2007

- Detection Of Multidrug –Resistant Pseudomonas aeruginosa Isolated from The Intensive Care Units Of Alexandria University Hospital.

May Moheb Eldin Raouf.

Faculty of medicine -Alexandria University - 2007.

- Evaluation Of Duplex- PCR-Based Method TO differentiate Mycobacterium tuberculosis complex And NonTuberculous Mycobacteria Using RNA Polymerase Gene (rpoB)

Faculty of medicine -Alexandria University – 2011

- Cytomegalovirus ImmunoglobulinG avidity Index Among Blood Donors

Faculty of medicine -Alexandria University - 2012

- Correlation Between Extended Spectrum B-Lactamase production, plasmid profile And Biofilm Formation In Gram negative Bacteria

Medical Research Institute -Alexandria University

- 2013

- Bacteriophage –antibiotic Synergism To control Planktonic and Biofilm Producing Clinical isolates of Pseudomonas aeruginosa

Faculty of medicine -Alexandria University - 2015

- Detection of Sutterella species In Stool of Children with Autism spectrum Disorder

Faculty of medicine -Alexandria University - 2015

- The Diagnostic Utility Of Bact/Alert 3D System For Detection of Mycobacterium Tuberculosis In Tuberculosis Of Laboratory Alexandria Main University Hospital

Faculty of medicine -Alexandria University - 2016

- Prevalence of Nasal Carriage Of Methicillin Resistant Staphylococcus aureus Before And After Admission to the Medical Research Institute Hospital

Medical Research Institute -Alexandria University -2017

- Detection and Molecular characterization of Metallo-Beta Lactamase In Imipenem Resistant Pseudomonas aeruginosa Clinical isolates Collected From Alexandria Main University Hospital

**List of Publications**

- Possible and characterization of hospital and non-hospital staphylococci isolated from nasal carriers in Hadara Orthopedic hospital. Journal Medical Research institute. 1986, 7:(suppl): 61-73.
- Coagulates negative staphylococci: A frequent cause of urinary tract infection. Journal medical Research institute. 1986, 7: (suppl): 23-33.
- B-lactamase production in bacteria resistant to B-lactam antibiotics. Bulletin Alexandria faculty of medicine. 1988, XXIV(8): 875-846.
- Polymorphonuclear leukocyte function in patients with lymphoma. Bulletin Alexandria Faculty of Medicine. 1988, XXIV(4): 887-896.
- Clinical significance of lyzozyme determination in Acute leukemias. The Alexandria Medical Journal. 1988, XXX (3,4): 192-209.
- Lyzozyme production. A possible index of pathogenicity among staphylococci. The Bulletin of the high institute of public health. 1988, XVIII(2): 239-246.

- Pathogenic properties of E coli isolated from urinary tract infection and faces from normal subjects. The Bulletin of the high institute of public health. 1991, XX1(1): 177-187.
- Antibacterial activity of *staphylococcus aureus* isolated from impetigo and non-impetigo cases. The bulletin of the institute of public health. 1991; XX1():
- Immunological alteration associated with end-stage renal failure. Journal Medical Research institute. 1991, 12: (3): 369-387.
- Detection of agglutinin antibodies against common and somatic antigens of Yersinia and E coli in connective tissue diseases. Bulletin Alexandria Faculty of Medicine. 1991, XXV11(6): 1519-1521.
- Urinary tract infections: Diagnostic value of antibody coated bacteria and Lysozyme in urine. Bulletin Alexandria Faculty of Medicine. 1992, XXV111(2): 249-254.
- Prevalence of gram-negative bacteria in commercially packed ice cream and pasteurized milk. Proc. 5<sup>th</sup> Sci. Cong. Fac. Vet. Med., Assiut. Univ, Nov 8-10, 1992. Egypt : 87-93.

- Epidemiology study of some multiple resistant pseudomonas aeruginos and genetic nature of their antibacterial resistance. The Egyptian Journal of Medical Science. 1992, 13(2): 413-425.
- Study of nasopharyngeal carriage of Neisseria meningitides in school children in Alexandria. Journal Medical Research Institute. 1992; 13: (3): 165-178.
- Endotoxin antibodies and B2 – microglubin in patients under maintenance Haemodialysis. Journal Medical Research Institute. 1992; 13(2): 1-13.
- Plasmid profile of multiple resistant E coli isolated from clinical specimens. The Egyptian Journal of Medical Sciences. 1993, 8(1): 127-141
- Seroprevalence of HCV infection in Alexandria. Egypt. Journal Medical Research institute. 1994, 15:(3): 126-126.
- Poliovirus detection in environmental samples by cell cultures and hydrodization test. Ann Ig 1994; 6: 935-938.
- Study of HIV seroprevalence in Alexandria, Egypt. 7<sup>th</sup> Medical Research Institue conference 29-30 October 1994, 3<sup>rd</sup> Italian – Egyptian workshop.

- Clinical evaluation and microbiological evaluation of the Effectiveness of Metro midazole and Erythromycin for the treatment of prepubertal periodontitis in children. *Alex J Paed* Oct 1994, Issue No 4 471-80.
- Prevalence HCV antibody and Hbs Antigen in schistosomal patients in relation to some risk factors. *The Bulletin of the high institute of public health*. 1995, 25(3): 605-612.
- *Legionella pneumophila* antibodies in Dialyzed uraemic patients. *Bulletin of High Institute of public health*. Vol 25-No 1 (1995).
- Prevalence of autoantibodies in hepatitis C virus positive blood donors. *Journal Medical Research institute*. 1996, 17: (1): 209-213.
- Gender related issues in the prevalence of hepatitis C in Alexandria. *The Ninth international congress on women's health issues*.  
Serum antibodies to polioviruses in Alexandria, Egypt. *European Journal of Epidemiology*. 1999; 15: 267-270.
- Evidence of hepatitis E virus replication on cell cultures. *Microbiologica*. 1999; 22: 77-83.

- HAV and HEV infection in hospitalized hepatitis patients. In Alexandria, Egypt. *European Journal of Epidemiology*. 1999; 15: 603-609.
- Dual infection by Hepatitis C & B viruses in patients with Hepatocellular carcinoma in Alexandria. *Egyptian Journal of medical microbiology* September 1999; 8(4): 703-712.
- EA El Sherbini, A.Ghazal, G Fadaly. Diagnostic Approach To Extra Pulmonary Tuberculosis. *New Egyptian Journal of Microbiology* 2004; 8 (May):48-60.
- El Sherbini E , Ghazal A , Draz N. Evaluation of different laboratory tests for the detection of CTX-M Extended-Spectrum  $\beta$ -Lactamase production in *Escherichia coli* and *Klebsiella pneumoniae* clinical isolates from Alexandria, Egypt. *Journal Of Medical Research Institute* (2010); 31 (2): 62-67.
- Ghazal A, El Sherbini E, Abou Shleib, Fanaki N, Atef M. A Molecular Study Of Sulphonamides Resistance Among *Escherichia coli* Isolated From Urine. *New Egyptian Journal of Microbiology* 2011; Vol (29): 374-390.
- El-Sherbini EA, Metwally DE, El-Batouti GA, El-Soudany II. Phenotypic and genotypic method for detection of MexEFOpr-N efflux pump in *P.aeruginosa*. *New Egyptian Journal of Microbiology* 2013; Vol (34): 98-112

➤ V List of Relevant thesis and publication

- A diagnostic approach to the diagnosis of extrapulmonary tuberculosis.  
New Egyptian Journal of microbiology. 2004; Vol (8) May, 48-60.
- Evulation of polymerase chain reaction, Direct Microscopy and culture for the detection of Mycobacterium tuberculosis insputum.  
Abeer-Abdel Reheem Ghazo1-2002
- The role of Interferon gamma (IFN- $\gamma$ ), soluble Interleukin-2 Receptor (sIL-2R) and polymerase chain reaction (PCR) in the diagnosis of tuberculous Pleural effusion.  
Nahed Hassan Taha-2004
- Evaluation of Serum Versus Sputum samples in Diagnosis of pulmonary tuberculosis in relation to anti-oxidant Enzymes.  
Abdelatif Ahmed Hassanin-2005
- Molecular characterization of Mycobacterium tuberculosis isolated form TB patients.  
Hadir Said Okasha-2006
- Real-timer PCR detection of mRNA as a useful marker for susceptibility of M. tuberculosis to antimicrobial therapy.  
Amal Gaber El Sheredy-2006
- Comparison of the E test and a proportion dilution method for susceptibility testing of Mycobacterium tuberculosis.



Doaa Mohamed E Hadad 1999

- Evaluation of Mycobacteria Growth Indicator tube as a Rapid Method for culturing of Mycobacteria.

Ahmed Mohamed Fonoun-2005

- Molecular Detection Of Mycobacterium tuberculosis Resistant to Isoniazid For Assessment of Its Use In Treatment Of High Risk Group Patients With Latent Tuberculosis Infection .

Mennat Allah Hasan Ali Elmeligi -2012

- Mycobacterial Infection in Immunocompromised Patients.

Reda Mostafa Elmery -2012