

CURRICULUM VITAE

Name : Prof/ Eman Ahmed Hussein Essa
Address Faculty of Medicine , Tanta University,Egypt

Mobile: 01006557926

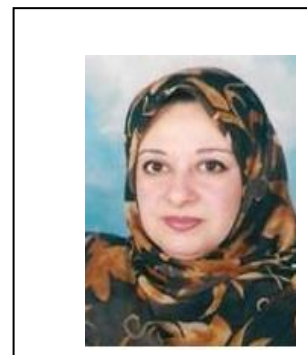
Date of Birth : 12/2/1965

Place of Birth : Tanta , Egypt

Religion : Moslem – Sunna

Nationality : Egyptian -

E mail: emkhatib20032002@yahoo.com



1-Education

* **M.B.B.Ch.** : December, 1988 , Grade : very good with Honor degree . - Faculty of Medicine-Tanta University (6 years)

* **M.Sc.** In bacteriology 1993- master Degree, Excellent grade , Faculty of Medicine-Tanta University (Title:Detection of HBsAg carriers among patients with hepatocellular carcinoma and liver cirrhosis in comparison to healthy individuals by ELISA)

* **Ph D Degree** in bacteriology 1997, Faculty of Medicine, Tanta University { Ph D In Medicine in Egypt it is called MD ,composed of a Thesis (title: Study of plasmids in nosocomial strains of multi – antibiotic resistant Staphylococcus aureus) and a composite Examination (Written,Oral and Practical) }

* **Diploma Degree in Infection control** with grade excellent from (British Phoenix Academy) , a one year Diploma course from Oct 2010 to Oct 2011

***Diploma Degree in Health care Quality** from the Canadian University 2013

2-Previous Employments

*** House officer :from Marsh 1989 to Marsh 1990**

*** Demonstrator in Micobiology dep From 1990 To 1993**

*** Assistant Lecturer in Micobiology Dep From 1993 To 1998**

***Lecturer [In Egypt = Assistant professor in Western system] in Microbiology Dep
From 1998 To 2003**

*** Assisstant Professor [In Egypt = Associate professor in Western system] in Microbiology
Dep From 2003 To 2008**

*** Professor in Microbiology Dep since 2008**

3-Current Employments:

***Professor of Microbiology In Microbiology Dep . Faculty of Medicine , Tanta University**

***Vice manager of Emergancy Hospital of tanta university for infection control**

4-Teaching Experiences

*** Undergraduate students in the College of Medicine: Microbiology, including
Bacteriology, Immunology, Virology, Serology**

Since 1990- till Now

*** Undergraduate students in the College of nursing: Microbiology**

*** Postgraduate students in the College of Medicine, Master and PhD programs:
Bacteriology, Immunology, Virology, Serology, PCR, Molecular Biology**

Since 1998- till Now

5-Non curricular Experiences

A: Faculty Development Activities in Microbiology

- **Microbiology Advanced Training Workshops:**

- 1) **Plasmid typing of multi-resistant bacteria (31/3-2/4/2004)**
- 2) **Recombinant DNA & gene cloning (18-20/5/ 2005)**

B: Faculty Development Activities and workshops in General

- 1) **Management of crisis and problem solving (9/5- 12/5 / 2005)**
- 2) **Advanced methods in Teaching (28/5- 31/5/2005)**
- 3) **Occupational ethics (17/12-19/12/2005)**
- 4) **Management of scientific research (8/7-10/7 /2007)**
- 5) **Use of Technology in teaching (11/7-15/7/2007)**
- 6) **Methods of exams and students evaluation (2/9-4/9 /2007)**

C: Quality Experience

***A member in the Environmental Committee of the Quality assurance Unit in the faculty of Medicine, Tanta University**

*** Diploma Degree in Health care Quality from the Canadian University 2013**

D: Conference Organizing Experience

Organization of the International conference of The Egyptian society of Microbiology in association with Microbiology Dep of faculty of medicine Tanta University at Marsh 2002 in Cairo

E: Managing of volunteer team for re innovation of the hospitals and for preparing the faculty for accreditation :

Working with a team including some of the medical staff members of the Tanta faculty of Medicine, for participating by their effort and money in improving the Quality of Health care service (new equipments & apparatuses) and environment (cleaning , repairing and agricultural services) in Tanta University Hospital as shown in

<https://www.facebook.com/media/set/?set=a.3155246884449.124772.1363508473&type=3>

F) Manager of Emergency Hospital of Tanta university for infection control since April 2014 till june 2015

6- Researches

- 1- **Abdel latif A and Essa E** : Study of HLA-DR expression on skin lesions of leprosy before and during multiple drug therapy. International Journal of Leprosy. Vol. 70, Number 2 (USA), 2002, P 104-110.
- 2- **Essa E et al** : Level of messenger- RNA for TH1 and TH2 cytokines (IL2 &IL4) in patients with active pulmonary tuberculosis: a relationship with disease severity. Egyptian Journal of Medical Microdiology vol. 10, Number (1) Jan 2001 (page 73-80)
- 3- **Helmy A, Hawas S , Abdelhamid M , Essa E , El-shanshory M , El-Mashad A and El-agamy O** : mRNA of s-Fas / Apo-1 / CD95 in acute lymphocytic leukemia (ALL) . Study of apoptosis by morphologic methods, DNA fragmentation and flow cytometry. The Egyptian Journal of Medical Microbiology Vol. 11, Number 1, Jan 2002 (Page 1-12)
- 4- **Essa E et al** : HLA-DR typing in pulmonary tuberculosis: relationship with disease susceptibility and response to chemotherapy. Egyptian Journal of Medical Microbiology Vol. 10, Number (2), Apr, 2001 (page 245-252)
- 5- **Fouad H , Essa E et al** : Study of HLA-class II alleles in leprosy: relation with different clinical types and disease susceptibility. The Egyptian Journal of Medical Microbiology, Vol. 10, Number 4, October 2001 (Page 701 – 707).

- 6- **Fouad H, Essa E et al** : CD4 on sperm and sHLA-II in seminal plasma from normal males: could they explain the mechanism of fertilization, sexual transmission of HIV and immunomodulation? The Egyptian Journal of Medical Microbiology Vol. 11 number 2, Apr, 2002.
- 7- **Essa E et al** : Serum Level of Cytokines in CMV Infected Patients: A Study Involving Females with High Risk Pregnancy and Infertile Males. The Egyptian Journal of Medical Microbiology Vol 9, Number 3, July 2000 page 509-516.
- 8- **Mansour MT, Abdel-latif A and essa E** : Detection of Human Herpes Virus 7-DNA in Plasma and Skin of Patients with Pityriasis Rosea Using the Polymerase Chain Reaction. Journal of Pan-Arab League of Dermatologists. Vol. 11, Number 1 Feb. 2000 Page 21-26
- 9- **El-Kalla F , Noseir H . Labah E ,Essa E et al:** Hepatic necroinflammatory activity in chronic Hepatitis C: a positive relation with interleukin-12 P70 production. The Egyptian Journal of Immunology Vol. 7, Number 2, 2000 page 69-75.
- 10- **Elwan N . El-Kalla F . El-Shall N , Abdel-wahab E , Zakaria M ,Essa E and Labah E** : Prevalence of HGV among non B non C chronic hepatitis patients. Egyptian Journal of Bilharziasis, infectious and endemic diseases, Vol. 23, 2001 (page 47-58)
- 11- **Essa E et al** : Genotyping of the non classic human leukocytic antigen- G (HLA-G):could it has a possible association with recurrent spontaneous abortion of unknown etiology. Egyptian J of Medical Microbiol, vol 12, No 4 , October 2003 , P:803-810.
- 12- **Helmy A , Essa E et al** : DNA damage and immunologic Nitric Oxide Synthase (iNOS)- mRNA expression in chronic hepatitis C and hepatocellular carcinoma. Egyptian J of Medical Microbiol , vol 14, No 4 , 2005 , P: 713 -724.
- 13- **Essa E et al** : The use of ribotyping in epidemiologic evaluation of multi-resistant *Acinetobacter baumannii* dissimination in hospital. Egyptian J of Medical Microbiol, vol 13, No3, July 2004, P:649-656.
- 14- **Ramadan W , Essa E et al** : Comparative study between nucleic acid sequence based amplification (NASBA) and polymerase chain reaction (PCR) as diagnostic tools in leprosy. : Egyptian J of Dermatology & Andrology , vol 27, No 1,2 . 2007 , page :73-84
- 15- **Essa E et al:** Study of Gene Expression of CD30 Variant (CD30v) and CD30 Ligand (CD30L) in Acute Leukemia. Egyptian J of Immunol, vol 14, No 1, Jan 2007, P: 11-20

- 16-Mahgoub F , Samy M , Essa E *et al* :** Detection of Refampicin and Isoniazid Resistant Mutants of Tubercle Bacilli Using Manual Gene Sequencing :A study involved rpoB , KatG and inhA genes . Egyptian J of Medical Microbiol, vol 16, No 1, Jan 2007, P: 107-121.
- 17 - Hawas S, Essa E *et al* :** Study of Apoptosis,Apoptosis- Related Molecules and Activation Markers of Peripheral Blood Mononuclear Cells in Systemic Lupus Erythematosus:A Possible Role in Disease Pathogenesis and Activity. Egyptian J of Medical Microbiol , vol 12, No 4, October 2003, P: 773-788.
- 18-Essa E and Afifi E :** Multiplex PCR study of nosocomial Pseudomonas aeruginosa for genes of Metallo Beta –Lactamases : could such enzymes bring us to end of antibiotics? Egyptian J of Medical Microbiol , vol 16 , No 1 , Jan 2007, P: 189-200.
- 19-Essa E *et al* :** GB virus C/hepatitis G virus in serum and liver of patients with chronic C and non B non C hepatitis : molecular and immunological aspects : Egyptian J of Immunol , vol 13 , No 2 , 2006 , P: 1-10

7-Training:

A) Training of Prof / Salah Shehada from faculty of Medicine , Damascus , Syria for 4 months (from 17/2-17/6/2003) , on the use of molecular biological techniques in isolating plasmids (extrachromosomal genes) from g+ve and g-ve bacteria

B) Holding Microbiology Advanced Training Workshops:

3) Plasmid typing of multi-resistant bacteria (31/3-2/4/2004)

4) Recombinant DNA & gene cloning (18-20/5/ 2005)

8- Thesis supervision

1) Type : PhD Degree

A) Title : The use of PCR in diagnosis of pulmonary multi-resistant TB by gene sequencing

Candidate: Hanan Samir

Supervisors: Fawkia Mahgoub , Mina Sami and Eman Essa

B) Title : Genotyping for MRSA causing nosocomial infection with tracing the source of infection : a guideline for infection control strategy in general surgery department in Tanta university hospital

Candidate : sarra mina sami

Supervisors : Mohammed zakaria , Eman eisa and Ahmed amin

2) Type : Master Degree

Title ; Detection of nucleic acid of TTV in hemodialysing patients with and without HCV

Candidate : Raefa el-Tambashawy

Supervisor : Maher metry , Mohammed el-Bedewy and Eman Essa

3) Type : Master Degree

Title : Genotyping for HGV in high risk patients

Candidate : Ameer Attia

Supervisors : Naem el-far , Eman Essa and Nelly el-shal

4) Type : Master Degree

Title : Serum level of RANTES in patients with bronchial asthma

Candidate : Marwa Ezzat

Supervisors : Raghda talaat and eman Essa

5) Type : Master Degree

Title : Experimental study for the effect of electrocution on bacterial viability in musca domestica fed and sprayed with different bacteria

Candidate : Eman Khalifa

Supervisors : Waseela Morsy and Eman Essa

6) Type : Master Degree

Title :Evaluation for the role of nucleic acid amplification as diagnostic tool in leprosy

Candidate : Abeer abd-elmonsef

Supervisors : Wafaa Ramadan , Eman Essa and Mayada Ismail

7) Type : Master degree

Title : Rapid detection of RSV in nasopharyngeal swabs by direct immunofluorescence in infants with acute respiratory infections

Candidate : Marwa Gamal

8)type Master degree

Title : Evaluation of tissue culture plate method and tube method in detection of biofilm caused by bacterial infection induced by contact lenses

Candida : Nahla Bahgat

9-International conferences participation :

- A. 1st joint meeting of European national societies of immunology and the 16th European congress of immunology , Paris/France .(6-9/9/2006)

Research Presented:

Study of Apoptosis, Apoptosis- Related Molecules and Activation Markers of Peripheral Blood Mononuclear Cells in Systemic Lupus Erythematosus: A Possible Role in Disease Pathogenesis and Activity.

- B. 4th Arab Symposium for antimicrobials and the 16th national congress of infectious diseases , Tunisia.(17-20/4/2006)

Research Presented:

The use of ribotyping in epidemiologic evaluation of multi-resistant *Acinetobacter baumannii* dissemination in hospitals.

-
C. 2nd Arab Symposium for antimicrobial in Syria (Apr/2002)

- Research: plasmid typing

-
D. *3rd Arab Symposium for antimicrobial cairo (25-27/3/2004)

Research: natural alternatives for antibiotics

-
E Conference of Arab league for prudent use of antibiotics in Lebanon
15/11/2012

-
F Conference of Arab league for prudent use of antibiotics in Jordan 1/4/2014

10- Attending International conferences held in Egypt by :

- A. **Egyptian society of Microbiology**

Cairo (10-11/3/1999)
Menia (29-30/3/2000)
Esmailia (29-30/3/2001)
Cairo (14-15/3/2002)
Alex (6-7/3/2003)
Cairo (3-4/3/2004)
Cairo (31/3-1/4/2005)
Cairo (5-6/4/2007)

B. Egyptian society of Immunology:

Taba,Seina (28-30/3/2001)
Mansoura urology centre (23-25/11/2005)
Sharm el-sheikh (29/11-1/12/2006)

C.Egyptian society of Infection control

Cairo (27-29/10/1998)
Cairo (25-27 /9/1999)
Mansoura (24-26/10/2000)
Cairo (28-29/9/2004)
Cairo (14-17/11/2005)

**D. The 3rd international conference for TB
(cairo,13-14/4/2000)**

11- :Work shop attendance outside Department

1-DNA sequencing work shop (in faculty of science ,Ain shams Univ. 11-16/2/2006)

2-work shop on Tissue culture diagnosis of hepatitis A virus infection (in El-Azhar faculty of medicine for girls 11-16/3/2006)

3- work shop on Molecular biology (in faculty of science ,Ain shams Univ. 9-14/10/2004)

4- work shop on Bioinformatics: gene sequence to protein 3D structure (in Alex research institute 11-14/7/2004)

5-Infection control work shop (in faculty of medicine Mansoura Univ . 3-4/9/2003)

6- Transplantation immunology (HLA typing) In Ain shams Hospital (6-7/11/1999)

7- work shop Recombinant DNA technology in Ain shams faculty of science (22-27/8/1998)

8- laboratory assessment of cellular and phagocytic dysfunction (In faculty of medicine Mansoura Univ , 25-27/3/2002)

12- Attendance of work shops in Tanta Microbiology Dep:

*DNA biotyping RAPD – PCR (31/3-1/4/2004)

* methods of protein analysis (16-20/3/2005)

*Infection control(16-20/3/2005)

* multiplex PCR (16-20/3/2005)

